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Verslag T_EX

Opening en Mededelingen; Introductie deelnemers; Brainstorming T_EX aandachtsgebieden; Instellen werkgroepen voor de aandachtsgebieden; Formele zaken; Rondvraag; Sluiting.

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Information on subscribing to T_EXHaX.

T_EX publications information

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Verslag (1989/1)

Opening; Agenda bijeenkomst 23 juni 1988; Ingekomen stukken en Mededelingen; Ledenbestand status en contributie; Vragen gebruikers; Verslag/discussie werkgroepen; Rondvraag; Presentaties; Sluiting.

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◀ working group ▶

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◀ actions ▶

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VAX DOCUMENT

VAX DOCUMENT is een commerciële toepassing die op T_EX gebaseerd is. Aanvankelijk binnen Digital Equipment Co. ontwikkeld voor intern gebruik voor productie van alle VAX/VMS documentatie en s/w produkten, maar nu ook in gebruikerslicensie voor VAX/VMS gebruikers verkrijgbaar. Vanaf VMS V4 is het resultaat hiervan te zien.

◀ Theo de Klerk ▶

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Boeken over T_EX

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pelt); 'L^AT_EX eine Einführung' (Helmut Kopka); 'Kompaktführer L^AT_EX' (Reinhard Wonneber-
ger)

◀ book review ▶

◀ Theo de Klerk ▶

MAPS 2 1989

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High Quality Printing of T_EX-DVI

A dBase III+ programme to generate a journal

T_EX en SGML

Ervaringen met fotozetters

Verslag GUTenberg (16/17 mei 1989)

One year NTG; presentatie NTG in Utrecht en Karlsruhe

Verslag Nederlandse T_EX dagen (29/30 juni 1989)

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Opening; Verslag bijeenkomst 24 november 1988; Ingekomen stukken en Mededelingen; Verenigingszaken; Verslag/discussie werkgroepen; Vragen gebruikers; Rondvraag; Presentatie Océ 6750 (T_EX)-laserprinter; Sluiting.

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Werkgroepen Nederlandstalige T_EX gebruikersgroep

Verslag werkgroepen.

◀ working group ▶

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Lijst actiepunten

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Ontvangen local guides en andere T_EX documenten

Overzicht ontvangen local guides.

◀ local guide ▶

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◀ fileserver ▶

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Vragen van gebruikers

user questions

Deze bijlage bevat de 'vragen van de gebruikers' die gesteld zijn ten tijde van de NTG vergadering van mei 1989.

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p 19-24  64 kB

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High Quality Printing of T_EX-DVI

Deze bijlage bevat de presentatie van Océ, gehouden op de NTG bijeenkomst van 11 mei 1989.

high quality ...
Océ
laser printers
Digital Equipment

Marius Broeren
Jan van ...

MAPS 3 1989

p 25-28  115 kB

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A dBase III+ programme to generate a journal

This is a note about the implementation of a combination of dBase III+ and T_EX.

dBase

Piet Roes

MAPS 3 1989

p 29-30  90 kB

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T_EX en SGML

The markup of document elements via SGML is demonstrated with a few examples.

[◀math▶](#)

[◀SGML▶](#)

[◀tables▶](#)

[◀Kees van der Laan▶](#)

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Ervaringen met fotozetters

Sinds enige tijd bestaat de mogelijkheid om bij A.J. Scholten - Transcripta fotozetsel van $\text{T}_{\text{E}}\text{X}$ /dvi-files te laten maken. Het grote voordeel van Transcripta is dat er uitsluitend met $\text{T}_{\text{E}}\text{X}$ gewerkt wordt en derhalve zeer veel deskundigheid bij het bedrijf in huis is. Men beschikt over een Linotronic 100, die een resolutie levert van 1270 dpi.

fotozetters
Linotronic
◀ PostScript ▶

Geerd Haayer

MAPS 3 1989

p 43-44  78 kB

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Verslag GUTenberg (16/17 mei 1989)

Thema: Grafische zaken en (La)T_EX, met name picture omgeving en PostScript.

◀ GUTenberg ▶

◀ report ▶

◀ Kees van der Laan ▶

MAPS 3 1989

p 45-48  140 kB

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One year NTG; presentatie NTG in Utrecht en Karlsruhe

A history of the start of the NTG is given along with a survey of this first years' activities. The relation of NTG to other TUGs is also dealt with.

[◀ activities ▶](#)

[◀ NTG ▶](#)

[◀ EuroT_EX ▶](#)

[◀ Kees van der Laan ▶](#)

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Verslag Nederlandse T_EX dagen (29/30 juni 1989)

The Dutch T_EX Users Group, in Dutch 'Nederlandse T_EX Gebruikersgroep' or NTG, was started about one year ago in Groningen. At the meeting in the autumn of 1988 it was decided to have a first presentation to 'the outside world' in the summer of 1989.

◀ NTG ▶
◀ meeting ▶

◀ Victor Eijkhout ▶
◀ Nico Poppelier ▶

MAPS 3 1989

p 57-60  145 kB

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Verslag Stanford conferentie (20/23 aug 1989)

Inhoudelijk:

- \TeX wordt aangepast o.a. ligaturen en `\language`;
- \LaTeX aanpassing wordt niet door Leslie Lamport opgepakt, Frank M?

Organisatorisch:

- Lokale voorzitters vice presidents van BoD van TUG;
- TUGboat artikelen nu ook met Duitse samenvatting;
- Michael F coordinator multilingual aspecten;
- \TeX HaX distributie onder auspiciën van TUG.

Producten:

- \TeX templates bij Hope Hamilton;
- Wordperfect- \LaTeX macro's bij Anita Hoover (of mij);
- Michael D's Gentle \TeX beschikbaar (of mij);
- KWIC van \LaTeX en \TeX opdrachten beschikbaar als Bell rapport;
- Arbor \TeX t's The Publisher volwassen.

◀ TUG conference ▶

◀ WEB ▶

◀ literate ... ▶

math reviews

status \TeX

\TeX 3

◀ \LaTeX ▶

◀ PostScript ▶

◀ Kees van der Laan ▶

MAPS 3 1989

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T_EX-NL subscription
NTG fileserver faciliteiten
Vragen van gebruikers
NTG Software Distributie Service
NTG DOS-diskette Distributie Service
Announcement T_EX90 Conference
Announcement SGML & T_EX Conference
Courses SGML & T_EX Conference
T_EX-NL discussies
Working group 1: Education; State of affairs
Werkgroep 7: PC-zaken
Werkgroep 10: SGML-T_EX
Werkgroep 13: 'Neerlandica'
Werkgroep 14: Communicatie
The Development of National L^AT_EX styles
Unusual paragraph shapes
Ingekomen brief
EuroT_EX 89

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Verslag (1990)

Opening; Verslag bijeenkomst 11 mei 1989; Ingekomen stukken en Mededelingen; Verslag/discussie werkgroepen; Verenigingszaken; Rondvraag; Sluiting.

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Gerard van Nes ▶](#)

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◀ NTG decisions ▶

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T_EX kalender

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◀ calendar ▶

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Werkgroepen Nederlandstalige T_EX Gebruikersgroep

Verslag werkgroepen.

◀ working group ▶

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Ontvangen local guides en andere T_EX documenten

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◀ local guide ▶

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◀ fileserver ▶

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geen samenvatting (no abstract)

MAPS 4 1990

p 27-28  17 kB

NTG DOS-diskette Distributie Service

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DOS
◀ disks ▶
◀ distribution ▶

MAPS 4 1990

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Announcement T_EX90 Conference

The 1990 T_EX meeting in Europe is the fifth such conference organised since 1985. It also breaks new ground as the first to be a T_EX Users Group (TUG) meeting outside North America. The T_EX computer typesetting program is now widely established as the de facto standard in scientific, educational and commercial use for the setting of documents requiring very high standards of typographic control, particularly technical documents, and for applications where high quality, portability and device-independence are of importance.

◀ TUG conference ▶

◀ Cork ▶

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Announcement SGML & T_EX Conference

Announcement of joint SGML User Group Holland and NTG meeting. Several courses are offered. Two parallel streams of lectures, one mainly devoted to SGML and the other to T_EX.

◀ SGML ▶

◀ TUG conference ▶

◀ courses ▶

◀ Kees van der Laan ▶

◀ Theo Jurriens ▶

Jan Maasdam

J. Bleeker

MAPS 4 1990

p 33-34  18 kB

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Courses SGML & T_EX Conference

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[◀conference▶](#)

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T_EX-NL discussies

Overzicht gebruikers listserver.

◀ listserver ▶

◀ TEX-NL ▶

MAPS 4 1990

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Working group 1: Education; State of affairs

◀ working group ▶
◀ education ▶

An impression of what has been done by members of the WG, and others, is given. Members: C.G. van der Laan (coord.), T. Biegstraaten, G. Haayer, J.R. Luyten, P. Tutelaers. Known - through december 1989 - courseware and \TeX -related (Dutch) courses are mentioned in appendices.

MAPS 4 1990

p 47-51  39 kB

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Werkgroep 7: PC-zaken

Verslag werkgroep 7: PC-zaken.

◀ working group ▶

◀ PC ▶

◀ MS-DOS ▶

MAPS 4 1990

p 52  7 kB

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Werkgroep 10: SGML- \TeX

[◀ working group ▶](#)

[◀ SGML ▶](#)

An impression of what has been done by members of the WG is given. Members: C.G. van der Laan (coord.), T. Biegstraaten, J. Bleeker, D.C. Coleman, J. Grootenhuis. Prospects: Publishing houses strongly believe in the 'marriage' of SGML and \TeX .

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Werkgroep 13: 'Neerlandica'

Verslag werkgroep 13: 'Neerlandica'.

◀ working group ▶

◀ dutch ▶

MAPS 4 1990

p 55-56  17 kB

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Werkgroep 14: Communicatie

Verslag werkgroep 14: Communicatie.

◀ working group ▶
communication

MAPS 4 1990

p 57-60  28 kB

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The Development of National L^AT_EX styles

In its autumn 1988 meeting, the Dutch T_EX users group (NTG) established a working group (number 13) that was to concentrate on the problems involved in the use of T_EX for Dutch texts. Since then the working group, which includes the authors, has created a number of style options for L^AT_EX that remedy some common problems with the non-English use of L^AT_EX, and is on its way developing document styles that are compatible with the standard styles, but have a layout that is more palatable for Dutch users. In this article we treat implementation aspects of the styles and style options, and we discuss some matters of layout.

Unusual paragraph shapes

Although the \TeX book states that \TeX 's paragraph mechanism 'can be harnessed to a surprising variety of tasks', the strangest paragraph shapes that I have implemented use no feature of the line-breaking algorithm. Instead, I have found that the control sequences `\everypar` and `\lastbox` are extremely powerful tools. I give three examples of this.

Ingekomen brief

geen samenvatting (no abstract)

◀ Nico Poppelier ▶

MAPS 4 1990

p 71-72  9 kB

Algemeen:

- Polen stal de harten;

Organisatorisch:

- Veranderingen L_T_EX, gecoördineerd door Frank M. en Jan R.;
- Teaching T_EX in discussie;
- Cork bijeenkomst voorbereid;
- Zowel PD als commerciële T_EX activiteiten nodig;
- Een Nederlandse vertaling van Schwarz's Einführung in T_EX is op komst;
- Leerzaam handout voor potentiële DANTE leden, inclusief questionnaire;
- Quixote Oriental Fonts project (Hosek);

Producten:

- Schroder's changebars macro;
- Thull's MS-DOS PD T_EX;
- T_EX-omgevingen: PCT_EXE (MS-DOS), T_EXE (AOS/VS), CEO-T_EXE (Data General).

◀ Johannes Braams ▶
◀ Kees van der Laan ▶

MAPS 4 1990

p 73-76  23 kB

Teaching T_EX: Critics & L^AT_EX proposal

Some critics - mainly L^AT_EX based - on the approach are given: T_EXnically driven instead of result driven. Also is notified the omission of a general pedagogical method to be used. Furthermore, it is urged to have unified courseware. A set of L^AT_EX courses is proposed. No test set is included. The underlying idea of having TUG certified courses world-wide is strongly endorsed.

◀ education ▶
courseware
modules

◀ Kees van der Laan ▶

MAPS 4 1990

p 77-82  56 kB

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Wat is T_EX?

In de huidige tijd van WYSIWYG 'desktop publishing' systemen lijkt het vreemd een systeem te propageren met honderden, vaak ingewikkelde, instructies. Wat het tekstopmaak-systeem T_EX desondanks aantrekkelijk maakt, is het feit dat het programmeerbaar is: de basisinstructies kunnen worden samengevoegd tot zeer gecompliceerde instructies die een eenmaal ontworpen opmaak geheel automatisch feilloos reproduceren. Hierdoor hoeft de gebruiker uitsluitend nog de structuur van het document aan te geven en niet de vormgeving, het uiterlijk, ervan. Met deze gedachte sluit T_EX nauw aan bij recente ontwikkelingen in de uitgeverwereld omtrent SGML.

◀ Victor Eijkhout ▶

◀ Nico Poppelier ▶

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[T_EX stuff at cs.ruu.nl](#)

[NTG Software Distributie Service](#)

[NTG DOS-diskette Distributie Service](#)

[Werkgroep 7: PC-zaken; T_EX voor MS/PC-DOS PC's](#)

[Werkgroep 8: NTG gebruikersdag; SGML-T_EX Seminar](#)

[Working group 13: 'Neerlandica'](#)

[SGML-T_EX conference, Groningen](#)

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Besluitenlijst

geen samenvatting (no abstract)

◀ NTG decisions ▶

MAPS 5 1990

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T_EX kalender

geen samenvatting (no abstract)

◀ calendar ▶

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Werkgroepen NTG

Verslag werkgroepen.

◀ working group ▶

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Ontvangen Local Guides en andere T_EX documenten

Overzicht ontvangen local guides.

◀ local guide ▶

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T_EX-NL subscription

Overzicht gebruikers listserver.

[◀ listserver ▶](#)

[◀ TEX-NL ▶](#)

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NTG fileserver faciliteiten

Overzicht inhoud NTG fileserver.

◀ fileserver ▶

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T_EX stuff at cs.ruu.nl

Here is a brief description of our archive of T_EX stuff. The archive is available by FTP and by mail server. It contains various things, a.o. Atari ST software, GNU software, some Unix software and a lot of T_EX things. I will concentrate on the T_EX stuff in this message.

[◀FTP▶](#)

[◀archives▶](#)

[mailserver](#)

[◀software▶](#)

[◀Piet van Oostrum▶](#)

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NTG Software Distributie Service

Deze bijlage beschrijft een aantal distributie-services die door enkele NTG leden worden uitgevoerd.

◀ NTG ▶
◀ distribution ▶
◀ software ▶

MAPS 5 1990

p 27-28  21 kB

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NTG DOS-diskette Distributie Service

geen samenvatting (no abstract)

◀ MS-DOS ▶
◀ disks ▶
◀ distribution ▶

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Werkgroep 7: PC-zaken; T_EX voor MS/PC-DOS PC's

Activiteiten van werkgroep 7: PC-zaken.

◀ working group ▶

◀ PC ▶

◀ MS-DOS ▶

◀ Atari ▶

◀ Jos Winnink ▶

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Werkgroep 8: NTG gebruikersdag; SGML- \TeX Seminar

Terugblik op organisatie.

◀ working group ▶

◀ SGML ▶

seminar

◀ Kees van der Laan ▶

MAPS 5 1990

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Working group 13: 'Neerlandica'

Verslag werkgroep 13: 'Neerlandica'.

◀ Neerlandica ▶

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SGML- \TeX conference, Groningen

For their second full-day international meeting, the Nederlandstalige \TeX Gebruikersgroep (NTG) organised, in conjunction with the Dutch SGML Users Group, a conference intended to focus interest on the use of \TeX and SGML together. On August 31st, approximately 100 delegates from both 'camps' attended the day's events in Groningen, with what seemed a good balance between SGML-ers and \TeX ies.

[◀ SGML ▶](#)
[◀ conference ▶](#)

David Osborne

MAPS 5 1990

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Two faces of T_EXt

T_EX as a programming tool for advanced document retrieval systems.

◀ databases ▶
document ...
◀ searching ▶
logical structure

◀ Joop van Gent ▶

MAPS 5 1990

p 43-48  75 kB

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Towards L^AT_EX 3.0

L^AT_EX is a very valuable tool for document composition. As a T_EX macro package, it is unique in its concept of logical commands, at the same time retaining enough flexibility with visually oriented commands to allow the user a relatively easy correction of an automatically chosen layout. This fact makes it far superior to the plain and AMS-T_EX macro packages when it comes to professional applications. Therefore the L^AT_EX re-implementation project is certainly one of the most important efforts to ‘expand T_EX’s horizon’. This is the place to link T_EX with the modern developments like SGML. This paper describes the current status of the re-implementation of L^AT_EX.

Getting T_EXnical: Insight into T_EX Macro Writing Techniques

Most of us understand the basic form of T_EX macros but that understanding alone is often inadequate when we need to solve certain problems. We need additional insight to be able to develop methods of passing information, moving text with changed catcodes, preserving blank lines, and more. Writing a large macro package brings in a new set of issues: how to avoid bumping into implementation restrictions, e.g., constraints of hash size, string size, and others; how to make a pleasant user interface; how to make your code as concise as possible. Some of the techniques to be discussed here include making a macro with a variable number of arguments; changing catcodes in macros, defining a macro whose argument is intentionally never used; conserving hash size by using counters instead of newifs; csname techniques and non-outer dynamic allocation; and table making techniques. Finally, some suggestions are included on methods to use when developing new macros.

◀ Amy Hendrickson ▶

MAPS 5 1990

p 55-66  211 kB

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The Document Style Designer as a Separate Entity

An argument for the need for a programmable meta format: a format that introduces a new syntactic level in $\text{T}_{\text{E}}\text{X}$ for document style designers.

[◀ style design ▶](#)

[◀ Victor Eijkhout ▶](#)
[◀ Andries Lenstra ▶](#)

MAPS 5 1990

[p 67-70](#)  [34 kB](#)

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The Dutch national L^AT_EX effort

In this article an overview is given of the activities of working group 13 (WG 13) of the ‘Nederlandstalige T_EX Gebruikersgroep’ (Dutch T_EX Users Group). This working group is also called ‘Neerlandica’, and is interested in anything that has something to do with using L^AT_EX (and T_EX) in a non-American environment. The topics tackled so far range from the design of a page layout suitable for A4 paper by adapting the American layout of article.sty to Dutch typographical tastes, to the implementation of a new letter style called ‘brief’.

◀ L^AT_EX ▶
◀ dutch ▶

◀ Johannes Braams ▶
◀ Victor Eijkhout ▶
◀ Nico Poppelier ▶

MAPS 5 1990

p 71-74  46 kB

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TUGboat production: T_EX, L^AT_EX, and paste-up

TUGboat has now completed more than ten years of publication. Starting with T_EX78 and an electrostatic printer and progressing through increasingly versatile software and hardware, the authors have kept us challenged, both with the content that the reader sees and the little tricks that happen ‘under the covers’. This talk will be a survey of some of the milestones of TUGboat production, our editorial philosophy, what we’ve learned about what T_EX can and cannot do, and some advice to authors and production editors of other publications.

◀ TUGboat ▶
production

◀ Barbara Beeton ▶

MAPS 5 1990

p 77-84  83 kB

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SGML and T_EX at Elsevier Science Publishers

Contents:

- Introduction;
- ESP;
- Manuscript routing;
- Role of SGML;
- Role of ...T_EX;
- Projects.

Jeroen Soutberg

MAPS 5 1990

p 85-88  46 kB

NTG's second year

A survey of NTG's activities in its second year is enumerated.

[◀ activities ▶](#)

[◀ NTG ▶](#)

[◀ EuroT_EX ▶](#)

[◀ Kees van der Laan ▶](#)

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Development of DANTE e.V.

geen samenvatting (no abstract)

◀ Dante ▶

Joachim ...

MAPS 5 1990

p 91-92  20 kB

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Waarnemingen/beslissingen:

- Zusterclubs zijn automatisch lid van elkaar;
- DANTE en GUTenberg 100% gegroeid;
- TUGlib wordt uitgebreid met T_EX bibliografie;

Producten/macros:

- Zetten commutator diagrammen via L^AT_EX;
- Ook muziek zetten nu via T_EX;
- Zetten van (ADA, ...) programma's;
- Zetten van bridge literatuur;
- Voor multilingual T_EX3.0 is MLT_EX nog nodig;
- T_EX in kleur?

◀ Kees van der Laan ▶

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p 93-98  71 kB

Board-of-Directors and Euro-Summit at Cork90

TUG organizational:

- TUG is really open now;
- Working Groups will be sent off with better task

descriptions and reporting time schedules;

- How to fulfil better membership needs is proposed;
- A scholarly TUGboat and a separate newsletter is proposed;

Topical TUGboat issues are under consideration;

- No increased membership/postage fees for those outside USA;
- The dangling reciprocal membership question is near to a pilot study;
- BoD can operate faster because of adoption of voting by e-mail;
- An extended membership directory is asked for;
- A resource directory is asked for;
- Maintenance/evolution of \TeX etc. software must be handled by TUG and LUGs; DEK and LL are out of it!
- More attention will be paid to PR activities: Welcome c.q. Information/Demo packets will be prepared;

Euro-Summit:

- Eastern and Western European countries will exchange information;
- A status report, Euro-Summit Cork90 (?), will appear with contact addresses and status reports.

◀ Euro \TeX ▶

◀ board-of-directors ▶

◀ Cork ▶

◀ Kees van der Laan ▶

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Report European T_EX conference Cork90

The following was on at this joint TUG90 and EuroT_EX90 meeting at Cork. Hypertext and T_EX. Cork encoding scheme for 8 bit fonts. Halftone output from T_EX. Macro writing in T_EX, especially Getting T_EXnical. The Dutch T_EX efforts were reported. The issue of a T_EX archive was raised again. Text around figures in L^AT_EX. Document design and style development. Proposals for L^AT_EX3.0. SGML and T_EX for tables and Math. Graphics and T_EX, such as PiCT_EX use, tif format and pk files. Old german fonts. BiB_TE_X requirements. Discussion of T_EX books. The question of T_EX at schools was raised.

◀ conference ▶

◀ Cork ▶

◀ EuroT_EX ▶

◀ Nico Poppelier ▶

◀ Kees van der Laan ▶

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p 103-108  69 kB

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\TeX structuurschema's

Overzicht van de structuur van \TeX en METAFONT en de bijbehorende bestandstypen.

filetypes
coherence
◀ structure ▶

◀ Huub Mulders ▶

MAPS 5 1990

p 109-112  24 kB

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The 1990 DECUS T_EX Collection

Decus

The DECUS Languages and Tools SIG Public Domain Working Group and the Electronic Publishing SIG T_EX/L^AT_EX/WEB Working Group are proud to announce the 1990 DECUS T_EX Collection. This collection offers nearly everything a T_EX User would want on their system for T_EX.

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New books on T_EX (1)

Review of 'Introduction to T_EX' (Jost Krieger, Norbert Schwartz), 'T_EX for the advanced' (Wolfgang Appelt), 'T_EX for the impatient' (Paul Abrahams).

[◀ book review ▶](#)

[◀ Victor Eijkhout ▶](#)

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An indentation scheme

Indentation is one of the simpler things in $\text{T}_{\text{E}}\text{X}$: if you leave one input line open you get a new paragraph, and it is indented unless you say `\noindent`. And if you get tired of writing `\noindent` all of the time, you declare `\parindent=0pt` at the start of your document. Easy. More sophisticated approaches to indentation are possible, however. In this article I will sketch a quite general approach that can easily be incorporated in existing macro packages. For a better appreciation of what goes on, I will start with a tutorial section on what happens when $\text{T}_{\text{E}}\text{X}$ starts a paragraph.

[indentation](#)

[◀ paragraph ▶](#)

[◀ Victor Eijkhout ▶](#)

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A parskip scheme

In this article I will present an approach that unifies the paragraph skip and the white spaces surrounding various environments. Since the macros given below make use of the `\everypar` token list, this article may be seen as a sequel to an earlier paper on an indentation scheme, which is based on a similar principle. The `\everypar` parameter was explained there.

`\parskip`
`\everypar`
◀ `paragraph` ▶
skips

◀ Victor Eijkhout ▶

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SGML (,T_EX and ...)

What SGML (and T_EX) is all about is given in a nutshell. Markup of example document elements, by SGML and L^AT_EX, are provided. Coupling SGML to T_EX is considered by direct translation and by the intermediate procedural markup phase. Interfacing SGML to (La)T_EX is also addressed. Some guidelines are provided in order to decide when SGML, or T_EX (alone, both, or neither) might be beneficial. It is a 3-in-1 paper: what is SGML and T_EX all about, examples of marked up copy in SGML and (La)T_EX and the coupling issues, finished up with a literature compilation.

◀ SGML ▶

◀ Kees van der Laan ▶

MAPS 5 1990

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SGML en T_EX in scientific publishing

Elsevier Science Publishers has for a few years investigated the possibility of accepting compuscripts, a manuscript in electronic form, created with T_EX, L^AT_EX and a few other text processing systems, and converting these to SGMLform. This paper will discuss the current status of these activities, the reasons for converting compuscripts to SGMLform, and the various ways in which T_EX is used.

◀ SGML ▶
◀ scientific ... ▶

◀ Nico Poppelier ▶

MAPS 5 1990

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The future of T_EX and METAFONT

My work on developing T_EX, METAFONT, and Computer Modern has come to an end. I will make no further changes except to correct extremely serious bugs.

◀ future ▶

◀ Donald Knuth ▶

MAPS 5 1990

p 145-146  15 kB

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The structure of the T_EX processor

Comments on the Future of T_EX and METAFONT

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Opening; Verslag bijeenkomst 11 mei 1990; Ingekomen stukken en Mededelingen; Stand van zaken Europese samenwerking/TUG international; Verslag/discussie werkgroepen; Verenigingszaken; Rondvraag; SGML (T_EX and ...); Sluiting.

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Gerard van Nes ▶](#)

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T_EX kalender

geen samenvatting (no abstract)

◀ calendar ▶

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Werkgroepen NTG

Verslag werkgroepen.

◀ working group ▶

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Jaarverslag NTG 1990

geen samenvatting (no abstract)

◀ report NTG ▶

◀ Gerard van Nes ▶

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Financieel verslag 1990

geen samenvatting (no abstract)

◀ financial report ▶

◀ Johannes Braams ▶

MAPS 6 1991

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Concept begroting 1991

geen samenvatting (no abstract)

◀ budget ▶

◀ Johannes Braams ▶

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T_EX-NL subscription

Overzicht gebruikers listserver.

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[◀ mailing list ▶](#)

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NTG fileserver faciliteiten

Overzicht inhoud NTG fileserver.

◀ fileserver ▶

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Van de Voorzitter (1991/1)

T_EX Nationaal en Internationaal. Oftewel: wat gebeurt er allemaal?

◀ chairman ▶

◀ Kees van der Laan ▶

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WG 1: Education

Verslag werkgroep 1: Educatie.

◀ working group ▶
◀ education ▶

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WG 4: Fonts

Activiteiten van de werkgroep Fonts.

[◀ working group ▶](#)

[◀ fonts ▶](#)

[◀ METAFONT ▶](#)

[◀ Erik-Jan Vens ▶](#)

[◀ Jos Winnink ▶](#)

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WG 6: Lijst en link met fotozetters

Verslag werkgroep 6.

◀ working group ▶
photo typesetter
inventory

◀ Theo Jurriens ▶

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WG 7: PC-zaken; T_EX voor MS/PC-DOS PC's; Verkrijgbaarheid van emT_EX

Activiteiten van werkgroep 7: PC-zaken, in het bijzonder de situatie met betrekking tot emT_EX.

◀ working group ▶

◀ PC ▶

◀ MS-DOS ▶

◀ Atari ▶

◀ emT_EX ▶

◀ Jos Winnink ▶

Pieter Bison

MAPS 6 1991

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Brief aan PC werkgroep: Enige suggesties voor WG-PC's

Voorgesteld wordt een praktisch set voor de PC's beschikbaar te stellen, en de educatie daar op af te stemmen.

◀ working group ▶

◀ PC ▶

◀ MS-DOS ▶

◀ Kees van der Laan ▶

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WG 8: NTG conferentie

geen samenvatting (no abstract)

◀ working group ▶
◀ conference ▶

◀ Joop van Gent ▶

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WG 10: SGML- $\text{T}_{\text{E}}\text{X}$: Imposing structure upon $\text{T}_{\text{E}}\text{X}$

Imposing structure upon $\text{T}_{\text{E}}\text{X}$.

◀ working group ▶

◀ SGML ▶

◀ structure ▶

◀ Kees van der Laan ▶

MAPS 6 1991

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Gebruik van T_EX binnen het EGD

Conversie van tabellen binnen Quatro naar T_EX; het gebruik van macros binnen het EGD.

EGD

Quatro

◀ conversion ▶

◀ tables ▶

Henk Brouwer

J.A. Jager

P. Sader

MAPS 6 1991

p 47  14 kB

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Gebruik van T_EX en L^AT_EX op het CAWCS

Overzicht van het gebruik van T_EX op het CAWCS.

CAWCS

Leo van Geest
Marion van Geest

MAPS 6 1991

p 48-56  164 kB

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Math into BLUes

T_EXing mathscripts is not simply typing. Math has to be translated into T_EX commands. First the motivation for this work is given. Next traditional math page make-up is summarized along with the macroscopic math T_EX commands. After answering ‘Why T_EXing mathscripts is difficult?’ an anthology of T_EX falls and their antidotes is discussed. At the end suggestions are given in order to lessen the difficulties.

◀ BLUe ▶

◀ math ▶

◀ Kees van der Laan ▶

MAPS 6 1991

p 57-74  268 kB

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Babel, a multilingual style-option system for use with L^AT_EX's document styles

The standard distribution of L^AT_EX contains a number of document styles that are meant to be used, but also serve as examples for other users to create their own document styles. These styles have become very popular among L^AT_EX. But it should be kept in mind that they were designed for American tastes and contain a number of hard-wired texts. This article describes a set of document-style options that can be used in combination with the standard styles, which makes the latter adaptable to other languages.

◀ Babel ▶

◀ L^AT_EX ▶

document styles
language

◀ multilingual ▶

◀ Johannes Braams ▶

MAPS 6 1991

p 75-84  85 kB

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Frequently Asked Questions (I)

This article contains answers to some frequently asked questions on comp.text.tex. Please don't ask these questions again, as they've been answered many times before.

[◀ frequently ... ▶](#)

[◀ FAQ ▶](#)

[◀ comp.text.tex ▶](#)

[◀ Bobby ... ▶](#)

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Summary of METAFONT Fonts Available

This report includes all known fonts available in METAFONT format, whether public domain or not. Archive sites for ftp are listed where known. There is also a BITNET archive at LISTSERV@UBVM.CC.BUFFALO.EDU.

◀ METAFONT ▶
◀ fonts ▶
availability

Liam Quin

MAPS 6 1991

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Program text generation with T_EX/L^AT_EX

Web; Cweb; Fweb; Spiderweb; Tgrind; C2L_ET_EX; C++2L_ET_EX; Cprog/Csty macros; Program environment; SchemeT_EX; Ada; Miscellaneous.

[program text ...](#)

[◀ Piet van Oostrum ▶](#)

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L^AT_EX for engineers and scientists (book review)

Review of 'L^AT_EX for engineers and scientists' by David J. Buerger.

◀ L^AT_EX ▶
engineers
scientists
◀ book review ▶

◀ Nico Poppelier ▶

MAPS 6 1991

p 107-108  32 kB

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The structure of the T_EX processor

In this article I will describe the T_EX processor as a multi-layered engine that successively transforms characters into tokens, tokens into lists, and from these lists builds a typeset page.

T_EX processor
characters

tokens

◀ lists ▶

◀ expansion ▶

◀ Victor Eijkhout ▶

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Comments on the Future of T_EX and METAFONT

geen samenvatting (no abstract)

◀ future ▶
◀ T_EX ▶
◀ METAFONT ▶

◀ Nelson Beebe ▶

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MAPS 7 1991

Verslag (1991/2)

T_EX kalender & Glossary

Werkgroepen NTG

Begroting 1991 en 1992

T_EX-NL subscription

NTG fileserver faciliteiten

Van de Voorzitter (1991/2)

NTG's continuation: The Third Year

WG 1: Education; Contribution to TUG-LRP report

WG 1: Education; Review Michael Doob's A Gentle

WG 7: PC-zaken; T_EX voor MS/PC-DOS PC's en Atari's

WG 13: 'Neerlandica'; The Right of ij to be a Ligature

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A Font and a Style for Typesetting Chess using L^AT_EX or T_EX

Typesetting Bridge via L^AT_EX

Typesetting Bridge via T_EX

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Towers of Hanoi, revisited

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Hoe met L^AT_EX een boek kan worden gemaakt

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Verslag (1991/2)

Opening; Verslag bijeenkomst 20 november 1990; Ingekomen stukken en Mededelingen; NTG jaarvergadering; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'T_EX in de praktijk'; Sluiting.

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Gerard van Nes ▶](#)

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T_EX kalender & Glossary

geen samenvatting (no abstract)

[◀calendar▶](#)

[◀glossary▶](#)

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Werkgroepen NTG

Verslag werkgroepen.

◀ working group ▶

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Begroting 1991 en 1992

geen samenvatting (no abstract)

◀ budget ▶

◀ Johannes Braams ▶

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T_EX-NL subscription

Overzicht gebruikers listserver.

◀ TEX-NL ▶
◀ mailing list ▶

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NTG fileserver faciliteiten

Overzicht inhoud NTG fileserver.

◀ fileserver ▶

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Van de Voorzitter (1991/2)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

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NTG's continuation: The Third Year

An NTG year of activity parallels the Dutch academic year: September to September. The membership increased by roughly 40% to circa 140 members of which 25 or so are institutional members. Due to the intermediate \TeX course some financial reserve has been built up. NTG's third year can be characterized by 'continuation,' and the embarkation upon a multi-year project.

◀ NTG ▶
continuation

◀ Kees van der Laan ▶

MAPS 7 1991

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WG 1: Education; Contribution to TUG-LRP report

Worldwide T_EX/METAFONT education is proposed with compatible modules, such that a user can plan an education path. A pool of teachers is proposed. How to address the problem of qualified teachers is touched upon.

◀ working group ▶
◀ education ▶
TUG-LRP

◀ Kees van der Laan ▶

MAPS 7 1991

p 26-32  84 kB

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WG 1: Education; Review Michael Doob's A Gentle

Review of Michael Doob's 'A Gentle Introduction to \TeX '.

◀ book review ▶
◀ review ▶

◀ Kees van der Laan ▶

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WG 7: PC-zaken; T_EX voor MS/PC-DOS PC's en Atari's

Activiteiten van werkgroep 7: PC-zaken.

◀ working group ▶

◀ PC ▶

◀ MS-DOS ▶

◀ Atari ▶

◀ Jos Winnink ▶

MAPS 7 1991

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WG 13: 'Neerlandica'; The Right of ij to be a Ligature

Discussion of the right of the Dutch 'ij' to be a ligature.

◀ Neerlandica ▶
ij-ligature

◀ David van ... ▶

MAPS 7 1991

p 37-38  34 kB

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Enige Suggesties aan de Redactie van de MAPS

De functie van de MAPS wordt belicht en gerelateerd aan hoe dat te verwezenlijken. Punten aangestipt zijn: onjuiste afbrekingen, slecht-ogende automatische uitvullingen, en typos. Voorgestelde oplossing geen referee-mechanisme maar duidelijk aan de auteurs geven van wat van ze verwacht wordt plus overgaan op de nieuwere tools. Structureel is het te late verschijnen voorkomen vanwege het notulen-aspect: geen notulen geen vergadering.

◀ MAPS ▶

◀ Kees van der Laan ▶

MAPS 7 1991

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A Font and a Style for Typesetting Chess using L^AT_EX or T_EX

geen samenvatting (no abstract)

◀ typesetting ▶

chess

◀ fonts ▶

◀ Piet Tutelaers ▶

MAPS 7 1991

p 41-46  92 kB

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Typesetting Bridge via L^AT_EX

L^AT_EX macros and a bidding environment for typesetting bridge card distributions and bidding sequences are given. Examples borrowed from bridge literature are supplied.

◀ [bridge](#) ▶

◀ [L^AT_EX](#) ▶

◀ [Kees van der Laan](#) ▶

MAPS 7 1991

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Typesetting Bridge via T_EX

Enhanced plain T_EX macros and a bidding environment for typesetting bridge card distributions and bidding sequences are given. As a follow-up of the L^AT_EX macros given in [12]. Moreover, macros for annotated printing of the course of the play are provided. Examples of use are included.

[◀ bridge ▶](#)
[◀ plain T_EX ▶](#)

[◀ Kees van der Laan ▶](#)

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[p 51-62](#)  [169 kB](#)

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Go diagrams with T_EX

Encoureged by Zalman Rubinstein, who described his chess diagrams in TUGboat vol. 10 no. 2, I have prepared some special fonts and T_EX macros to be used in typesetting go diagrams.

go
diagrams

Hanna ...

MAPS 7 1991

p 63-68  220 kB

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Towers of Hanoi, revisited

Another version of T_EXing of 'The Towers of Hanoi' problem is provided, which does not assume Lisp knowledge, just plain T_EX. Also some variations of use are included, among others to remove the restriction on the disks: disk size can be supplied by more than one digit.

◀ tower of Hanoi ▶

◀ Kees van der Laan ▶

MAPS 7 1991

p 69-70  24 kB

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6th European T_EX Conference

- User groups:

CyrTUG is bound to become important. CSTUG prospers. HunTUG is modest. The Poles can't get organized. Yunus is only a list. The other five just go on.

- Panels:

T_EX in Europe, how can we obtain better acceptance? L^AT_EX3: impressive history, no release dates of yet.

- Presentations:

Zlatuška's ACCENTS processor, for automatic generation of accented virtual fonts for European languages from English input fonts in the T_EX font layout, looks promising.

- Publishing houses:

MIR is involved. Springer is active and has some user guides out for a pilot journal. The Czech scientific journals are all formatted by T_EX!

- Products:

LAMST_EX is still going public. Very promising though, especially the wizards manual.

The TUG91 Annual Meeting

- Education:

David Salomon is a great teacher: insights! He has donated his notes to TUG for inclusion in the T_EXniques series.

- Publishing houses:

The publishing houses accept (La)T_EX copy. AMS leads with their total production formatted via T_EX: 90K pages per year.

- Interchange format:

DVI and Encapsulated PostScript!

- Workshops:

Modifying manmac was great! The ways of encapsulating PostScript are put together by Anita Hoover. (see elsewhere in MAPS)

- Products:

LAMST_EX goes public. ArborT_EXt has extended and improved their products. ETP, of Mimi Lafrenz, did steal the show.

TUG Board of Directors meeting

The following are loosely formulated issues which were agreed upon. For more preciseness the reader is referred to the (approved) minutes.

[◀ TUG conference ▶](#)
[◀ board-of-directors ▶](#)

[◀ Kees van der Laan ▶](#)

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Visit AMS and TUG office

A report is given of the role of AMS with respect to \TeX and TUG. The TUG office is next door and the cooperation is beneficial. A few relevant documents and the AMS preprint styles as well as the accompanying documentation are enumerated.

◀ AMS ▶
TUG office

◀ Kees van der Laan ▶

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\TeX niques in Siberia

This article summarizes the problems of giving a \LaTeX course in Siberia. It concludes with an overview concerning the future of \TeX inside the USSR.

Siberia

◀ \LaTeX ▶

◀ courses ▶

USSR

◀ Theo Jurriens ▶

MAPS 7 1991

p 87-90  226 kB

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An Introduction to T_EX for New Users

The purpose of this brief introduction is not to present a tutorial into the use of T_EX, but rather to introduce the user to the whole notion of what it means to use T_EX, how T_EX differs from other typesetting systems, and what the advantages are to using T_EX.

◀ introduction ▶
new users

◀ Alan Hoenig ▶

MAPS 7 1991

p 91-96  85 kB

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Hoe met L^AT_EX een boek kan worden gemaakt

Het creëren van een boek met L^AT_EX is geen vanzelfsprekende bezigheid. Onderstaand het relaas van zo'n poging: het boek-in-wording *Inleiding Informatica* dat in eerste instantie als dictaat bij het bijbehorende college is geschreven en nu in een boekversie is aangeboden aan Addison-Wesley. In onderstaand betoog wordt voorbij gegaan aan het belangrijkste onderdeel van het schrijven van een boek: het schrijven van de tekst. We zullen het hier slechts hebben over de problemen en oplossingen voor wat betreft de layout.

Ladies and L^AT_EX

This paper describes the use of L^AT_EX by non-astronomers at the Kapteyn Institute. Although the general opinion is that it is too complicated for non-scientist, experience in Groningen proves otherwise. If you provide good tools or styles everybody is capable of using L^AT_EX. Also, the astronomers took over tricks from the ladies, simplifying their lives, too.

◀ L^AT_EX ▶

non-scientists
simplification

◀ Theo Jurriens ▶

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Two Sides of the Fence

The purpose of this talk is to give an overview of the four days of the twelfth annual TUG meeting; it is an attempt to show that the different streams in the programme of the meeting are connected, that they are part of a whole. Also, I make some comments and observations regarding the current status and the future of $\text{T}_{\text{E}}\text{X}$, and the future of publishing in general.

[◀ TUG conference ▶](#)

[◀ future ▶](#)

[◀ Nico Poppelier ▶](#)

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Report on Workshop: Getting PostScript into T_EX and L^AT_EX Documents

geen samenvatting (no abstract)

[workshop](#)
[◀ PostScript ▶](#)

[◀ Anita Hoover ▶](#)

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The TUGLIB Server

Scores of sites on the worldwide Internet now provide access to assorted collections of software relating to T_EX and METAFONT. In many cases, these are accessible only via the Internet mechanism known as anonymous ftp, a scheme that permits logins from unknown users, usually on other machines, with very restricted access. The name ftp is an acronym for file transfer protocol. To improve the access to the T_EX archives and other software at Utah, I have installed 'tuglib'. This server provides a means whereby remote users can send electronic mail messages containing service requests to a daemon program. The daemon parses the requests, logs them, and responds to them.

TUGLIB

◀FTP▶

mail

◀internet▶

◀Nelson Beebe▶

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Self-replicating macros

geen samenvatting (no abstract)

◀ macros ▶
self-replication

◀ Victor Eijkhout ▶
Ron Sommeling

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New books on T_EX (2)

Review of 'A Beginner's Book of T_EX' (Kopka/Levy).

[new books](#)
[◀book review▶](#)

[◀Victor Eijkhout▶](#)

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Impression INRST_EX, and some more

The work of Michael Fergusson on INRST_EX is discussed, Michael's comments on the review are included.

◀ Kees van der Laan ▶

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p 127-129  38 kB

geen samenvatting (no abstract)

geen samenvatting (no abstract)

Michael Spivak

MAPS 7 1991

p 131  21 kB

ScholarT_EX is a collection of fonts, macros, preprocessor, hyphenation patterns, other related software and a 150-pages manual with many illustrations, exemples, exercises and mottos. It's purpose is to allow the use of T_EX in the following languages: Greek, Epigraphical Greek, Armenian, Arabic, Hebrew, Syriac, Saxon, Old German, Phonetic Alphabet.

◀Yannis ...▶

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TUGboat, Table of Contents

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'Insights in T_EX' course (1)

This course, with no hands-on, is aimed at T_EX and L^AT_EX users who are ready for to acquire more insights into the T_EXnigma. For those who are still working at the 'book' level an extra one-day introductory course can be organized if need for that is large enough.

◀ courses ▶
insights

◀ David Salomon ▶

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MAPS 8 1992

Verslag (1992/1)

T_EX kalender & Glossary & Aanschaf T_EX boeken

Werkgroepen NTG

Van de Voorzitter (1992/1)

Jaarverslag NTG 1991

Financieel verslag NTG 1991

NTG's listserver T_EX-NL

NTG's fileserver T_EX-NL

WG 1: Education; Review Urban's 'An introduction to L^AT_EX'

WG 1: Education; Addendum 'Publiceren met L^AT_EX'

WG 4: Fonts: Met schuine en begerige ogen

WG 7: PC-zaken

MusicT_EX; using T_EX to write polyphonic or instrumental music

Dating with T_EX

Dag van het Document (verslag ITI-TNO informatiedag)

Molecuul Muis Manuscript (verslag KNCV symposium)

An introduction to T_EX - part I course David Salomon -

The Components of T_EX

L^AT_EX3 project

L^AT_EX Editing support

Prolegomena toward a font selection scheme

From observation to publication

FIFO and LIFO incognito

Tower of Hanoi

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Verslag (1992/1)

Opening; Verslag bijeenkomst 2 mei 1991; Ingekomen stukken en Mededelingen; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'Fun with T_EX'; Sluiting.

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Gerard van Nes ▶](#)

[◀ Jos Winnink ▶](#)

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T_EX kalender & Glossary & Aanschaf T_EX boeken

geen samenvatting (no abstract)

[◀calendar▶](#)

[◀glossary▶](#)

[◀book▶](#)

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Werkgroepen NTG

Verslag werkgroepen.

◀ working group ▶

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Van de Voorzitter (1992/1)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

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Jaarverslag NTG 1991

In 1991 ging de NTG zijn 4e jaar van bestaan in. Wederom verschenen er een tweetal MAPS (Minutes & Appendices), twee NTG bijeenkomsten vonden plaats met een groeiend aantal lezingen, bestuursverkiezingen werden voor het eerst gehouden, een gecombineerd NTG/TUG lidmaatschap werd mogelijk, de samenwerking met Wiskundig Nederland kreeg gestalte, en er werd verdere aandacht besteed aan de continuering en acceptatie van de NTG.

[◀ report NTG ▶](#)

[◀ Gerard van Nes ▶](#)

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Financieel verslag NTG 1991

geen samenvatting (no abstract)

◀ financial report ▶

◀ Johannes Braams ▶

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NTG's listserver T_EX-NL

Overzicht gebruikers listserver.

◀ listserver ▶

◀ TEX-NL ▶

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NTG's fileserver T_EX-NL

Overzicht inhoud NTG fileserver.

◀ fileserver ▶

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WG 1: Education; Review Urban's 'An introduction to L^AT_EX'

Review of Michael Urban's 'An introduction to L^AT_EX'

[◀ review ▶](#)
[◀ book review ▶](#)

[◀ Kees van der Laan ▶](#)

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WG 1: Education; Addendum 'Publiceren met L^AT_EX'

Addendum 'Publiceren met L^AT_EX'

◀ L^AT_EX ▶

◀ Kees van der Laan ▶

MAPS 8 1992

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WG 4: Fonts: Met schuine en begerige ogen

'Peremesjtsjenije', Een verhaal van nette armoei.

◀ working group ▶

◀ fonts ▶

◀ Erik-Jan Vens ▶

MAPS 8 1992

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WG 7: PC-zaken

Activiteiten van werkgroep 7: PC-zaken.

◀ working group ▶

◀ PC ▶

◀ MS-DOS ▶

◀ Atari ▶

◀ Jos Winnink ▶

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Music \TeX ; using \TeX to write polyphonic or instrumental music

Music \TeX is a set of \TeX macros to typeset polyphonic, orchestral or polyphonic music.

[◀ music ▶](#)

[◀ Daniel Taupin ▶](#)

MAPS 8 1992

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Dating with T_EX

Three T_EX-coded algorithms are given for performing tricks with dates.

dates

◀ Theo Jurriens ▶

MAPS 8 1992

p 53-56  18 kB

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Dag van het Document (verslag ITI-TNO informatiedag)

Een verslag van de dag van het document. Centraal stond de problematiek: opslag en retrieval van documenten. Interessant waren het begrip bibliotheek zonder muren, en de intelligente auteursomgevingen. Het dilemma ten aanzien van het centrale theam is: moeten wij alles bewaren of selecteren en vergeten? Ook het forum kwam hier niet uit. Er was een beurs met een 20-tal stands.

document
opslag en ...
ITI-TNO

◀ Kees van der Laan ▶

MAPS 8 1992

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Molecuul Muis Manuscript (verslag KNCV symposium)

Op 18 oktober 1991 werd door de sectie Computertoepassingen van de KNCV (Koninklijke Nederlandse Chemische Vereniging) een symposium m.b.t. chemische tekstverwerking georganiseerd. Naast een algemene introductie over 'Electronisch Publiceren', kregen zowel de Apple Macintosh als MS-DOS geïnteresseerden (chemici) de huidige mogelijkheden van het verwerken van chemische teksten voorgeschoteld. Het pakket T_EX kwam in een laatste lezing naar voren. De duidelijk geslaagde dag werd bezocht door een kleine honderd deelnemers, inclusief een tiental leveranciers. Vele (leerzame) demonstraties, zowel tijdens de lezingen, als ook tussen de lezingensessies door, zorgden mede voor een duidelijk overzicht.

◀chemistry▶
◀electronic ...▶
KNCV

◀Gerard van Nes▶

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An introduction to T_EX – part I course David Salomon –

geen samenvatting (no abstract)

◀ introduction ▶

◀ David Salomon ▶

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The Components of T_EX

T_EX needs a great amount of supplementary components (files and programs) of which the meaning and interaction often is unknown. This paper explains the components of the kernel system T_EX that are visible for the T_EX user and their relations.

components of ...

◀ Joachim Schrod ▶

MAPS 8 1992

p 81-86  67 kB

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geen samenvatting (no abstract)

L^AT_EX Editing support

The structured markup of L^AT_EX can be easy to read and understand, but tedious to type. Its syntax of environment groups bears a strong resemblance to the begin/end groups of the Algol family of computer programming languages, which can be described by rigorous grammars that in turn permit the automatic construction of lexical analyzers and parsers, and structured editors to support programming in those languages. This article describes a powerful facility for the preparation of L^AT_EX documents using the Emacs text editor.

◀ L^AT_EX ▶
◀ editing ▶
◀ emacs ▶

◀ Nelson Beebe ▶

MAPS 8 1992

p 91-114  237 kB

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Prolegomena toward a font selection scheme

Most users of plain $\text{T}_{\text{E}}\text{X}$ do not get very sophisticated in their use of fonts. Often they resort to declaring all used fonts explicitly with `\font`. There are some obvious disadvantages to that: it is not possible to switch a whole document in a simple way to a different typeface, or to a different size. As a result, I've seen such phenomena as an article with an abstract in 8 or 9 point, but where the formulas were still in 10 point, or pages of 'magnified' type where the lines were cramped, because the `\baselineskip` was not increased with the type size. The need for a good font selection scheme is thus quite obvious, but the implementation of one is not.

◀ Victor Eijkhout ▶

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From observation to publication

This article describes the use of \TeX in publishing observations of variable stars observed by Dutch amateur-astronomers. The observations are published in the journal 'Variabilia' and in the so-called Reports. In the latter the observations, collected in several years, are published and submitted to the professional astronomer. It includes tables and light-curves: plot of the changing magnitude of the star versus time. In creating the light-curves: \PiCT\TeX is used. In preparing the files for \PiCT\TeX simple \TeX -coding is used for manipulating the data.

◀ Theo Jurriens ▶

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FIFO and LIFO incognito

FIFO, first-in-first-out, and LIFO, last-in-last-out, are well-known techniques for handling sequences. In T_EX macro writing they are abundant but are not easily recognized as such. T_EX templates for FIFO and LIFO are given and their use is illustrated.

◀ FIFO ▶

◀ LIFO ▶

◀ Kees van der Laan ▶

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Tower of Hanoi

Another version of programming ‘The Tower of Hanoi’ in T_EX is provided. No nodding knowledge of Lisp is required; just plain T_EX. There is no restriction on the number of disks, apart from the installed limits of T_EX. Generalized disks can be moved as well.

◀ tower of Hanoi ▶

◀ Kees van der Laan ▶

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Typesetting Crosswords via T_EX

A macro is provided for typesetting crosswords via (plain) T_EX, or any T_EX, which allows `\halign` use. The specification of the crossword information can be done in the WYSIWYG way, and does not require `\halign` markup, just the data.

◀ [crosswords](#) ▶

[\halign](#)

◀ [WYSIWYG](#) ▶

◀ [plain T_EX](#) ▶

◀ [Kees van der Laan](#) ▶

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Ladies & L^AT_EX - II

In dit artikel wordt mijn ervaring als L^AT_EX-docent, vraagbaak voor secretaresses beschreven. Er zijn twee bronnen van problemen: organisatie en T_EX-techniek.

◀ Theo Jurriens ▶

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Book reviews

Reviews of 'L^AT_EX for Everyone' (Jane Hahn), 'Practical SGML' (Eric van Herwijnen), 'T_EX by Topic, A T_EXnician's Reference' (Victor Eijkhout).

[◀ book review ▶](#)

[◀ SGML ▶](#)

[◀ Nico Poppelier ▶](#)
[◀ Amy Hendrickson ▶](#)

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Spivak's Oeuvre

Spivak's 'The Joy of T_EX' and 'LAMST_EX - The Synthesis' are discussed.

◀ LAMST_EX ▶

◀ Kees van der Laan ▶

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TUGboat, Table of Contents

Table of contents of TUGboat Volume 12.3, 12.4 and 13.1.

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Tijdschriften zusterverenigingen

geen samenvatting (no abstract)

◀journals▶

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EuroT_EX92 announcement

Announcement of the EuroT_EX'92 conference.

◀ EuroT_EX ▶
◀ conference ▶
◀ announcement ▶
◀ Prague ▶

Jiří Vesely

MAPS 8 1992

p 147-148  22 kB

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'Insights in T_EX' course (2)

This advanced course, with no hands-on, is aimed at those T_EX and/or L^AT_EX users who are ready for a deeper insight into the T_EXnigma. An extra one-day introductory course can be organized for inexperienced users, if there is enough demand.

[◀ courses ▶](#)

[◀ David Salomon ▶](#)

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MAPS 9 1992

Verslag (1992/2)

T_EX kalender & Glossary & Discount boeken en software voor NTG leden

Werkgroepen NTG

Van uw MAPS Editor (1992)

Van de Voorzitter (1992/2)

Concept begroting 1993

NTG's listserver T_EX-NL

NTG's fileserver T_EX-NL

WG 3: Evaluatie; Formules in WP5.1, DECwrite en L^AT_EX

WG 4: Fonts; Hoe maak ik van een font twee fonts?

7th European T_EX Conference: EuroT_EX'92

Verslag van de TUG conferentie in Portland, Oregon

The Key to Successful Support: Knowing Your T_EX and L^AT_EX Users

The Pursuit of Quality

Writing Reports with More than a Hundred People

T_EX-based Production at the AMS

Standard dtd's and Scientific Publishing

Incorporating PostScript fonts in T_EX

Creating Shaded Rectangles with PostScript

Introduction to METAPOST

T_EX for Everyone!?

T_EX als Database

Ladies and L^AT_EX - III Vragen allerlei!

Just give me a Lollipop (it makes my heart go giddy-up)

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[Syntactic Sugar](#)

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[Scientific Word; T_EX à la WYSIWYG](#)

[Bugs \(sigh\) in Knuths 'Computers & Typesetting'](#)

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Verslag (1992/2)

Opening; Verslag bijeenkomst 21 november 1991; Ingekomen stukken en Mededelingen; NTG jaarvergadering; Verslag/discussie werkgroepen; Rondvraag; NTG presentaties: 'T_EX and Scientific Publishing'; Sluiting.

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Gerard van Nes ▶](#)

[◀ Jos Winnink ▶](#)

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T_EX kalender & Glossary & Discount boeken en software voor NTG leden

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[◀book▶](#)

[◀software▶](#)

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Werkgroepen NTG

Verslag werkgroepen.

◀ working group ▶

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Van uw MAPS Editor (1992)

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◀ MAPS ▶

◀ Gerard van Nes ▶

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Van de Voorzitter (1992/2)

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◀ chairman ▶

◀ Kees van der Laan ▶

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Concept begroting 1993

geen samenvatting (no abstract)

◀ budget ▶

◀ Johannes Braams ▶

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NTG's listserver T_EX-NL

Overzicht gebruikers listserver.

◀ listserver ▶

◀ TEX-NL ▶

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NTG's fileserver T_EX-NL

Overzicht inhoud NTG fileserver.

◀ fileserver ▶

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WG 3: Evaluatie; Formules in WP5.1, DECwrite en L^AT_EX

De pakketten WP5.1, DECwrite en L^AT_EX bieden de mogelijkheid om formules te typesetten. Om de mogelijkheden en kwaliteit te kunnen beoordelen is geprobeerd een vijftal formules met behulp van de drie pakketten te maken.

formulas
evaluation

◀ WordPerfect ▶
DECwrite
◀ L^AT_EX ▶

◀ Huub Mulders ▶

MAPS 9 1992

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WG 4: Fonts; Hoe maak ik van een font twee fonts?

Andrea de Leeuw van Weenen wilde een deel van haar zelfgemaakte font aan kunnen spreken met de gewone letters op het toetsenbord, en niet met lastig in te typen en (evt.) lastig te onthouden macros. De aangewezen manier leek het maken van een virtueel font. Dus heb ik eens op een rijtje gezet wat je daarvoor nodig hebt.

◀ working group ▶

◀ fonts ▶

◀ virtual fonts ▶

◀ Erik-Jan Vens ▶

MAPS 9 1992

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7th European T_EX Conference: EuroT_EX'92

Highlights of this EuroT_EX'92 at Prague were:

- Graphics via T_EX and METAFONT.
- = METAFONT with PostScript output.
- PostScript fonts coupled to T_EX.
- What every advisory service should know.
- AsT_EX as model for a scientific workbench.
- Several (free) tutorials: Advanced T_EX, Virtual fonts, XY-PiC.

◀ EuroT_EX ▶
◀ conference ▶
◀ Prague ▶

◀ Kees van der Laan ▶

MAPS 9 1992

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Verslag van de TUG conferentie in Portland, Oregon

Verslag van de TUG conferentie in Portland, Oregon.

◀ TUG conference ▶
Portland

◀ Johannes Braams ▶

MAPS 9 1992

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The Key to Successful Support: Knowing Your T_EX and L^AT_EX Users

The primary emphasis of this paper is to address the issues related to supporting T_EX and L^AT_EX. One essential ingredient to successfully supporting any package is that you must know your users. In the case of T_EX and L^AT_EX, this is especially true, because the user base can be so diverse. This paper will focus on support strategies that address different types of users and what you can do as a T_EX and L^AT_EX support person to adopt these strategies in your organization.

◀ Anita Hoover ▶

MAPS 9 1992

p 43-49  80 kB

The Pursuit of Quality

This paper compares high-quality craft typography with the state of the art in automated typesetting. The first part discusses several typographical conventions which cannot be implemented by means of any formatting model currently in use. The second part explains why the current paradigms of computerized typesetting will not serve for high-quality formatting and suggests directions for the further research necessary to improve the quality of computer generated layout.

craft typography
automated ...
document ...
paradigm
typographic rules
visual contexts
logical contexts
global ...

◀ Frank Mittelbach ▶

◀ Chris Rowley ▶

MAPS 9 1992

p 50-56  80 kB

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Writing Reports with More than a Hundred People

This paper describes a system that produces project status reports using L^AT_EX. The reports contain both textual and financial information. The textual part of the status reports is written by over a hundred people who don't need to know what L^AT_EX is. The financial information is retrieved from a database.

automated ...

◀ L^AT_EX ▶

Walter van der ...

◀ Johannes Braams ▶

MAPS 9 1992

p 57-62  145 kB

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\TeX -based Production at the AMS

◀ AMS ▶

The American Mathematical Society (AMS) is a both major publisher of mathematical research, and a professional organization whose members are mathematicians engaging in research at academic institutions and other research centers in the U.S. and around the world. A primary function of the Society is to provide channels of communication whereby these mathematicians can communicate the results of their research to each other, and to the broader scientific community. Foremost among these channels of communication is an extensive publications program which is based on the \TeX typesetting system.

◀ Ralph Youngen ▶

MAPS 9 1992

p 63-68  96 kB

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Standard dtd's and Scientific Publishing

This paper has two parts. In the first part we argue that scientific publishing needs one standard dtd for each class of documents that is published, for example one for all research papers and one for all books. In the second part we apply this reasoning to mathematical formulas, and we outline some design requirements for a document type definition for mathematical formulas. In the appendices we discuss and compare existing document type definitions for mathematical formulas.

[◀ DTD ▶](#)

[◀ SGML ▶](#)

[◀ scientific ... ▶](#)

[◀ Nico Poppelier ▶](#)

[Eric van ...](#)

[◀ Chris Rowley ▶](#)

MAPS 9 1992

[p 69-80](#)  [143 kB](#)

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Incorporating PostScript fonts in T_EX

pfb2mf provides the T_EX community with an interface to the PostScript Type One fonts. There is an overwhelming amount of these fonts for sale and there are a lot of fonts in the Public Domain, so it extends the range of typefaces the T_EX user can choose from.

◀ PostScript ▶
◀ fonts ▶
pfb2mf
◀ conversion ▶

◀ Erik-Jan Vens ▶

MAPS 9 1992

[p 81-84](#)  58 kB

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Creating Shaded Rectangles with PostScript

One of the most common graphics used in documents is text with a shaded background. This is hard to do with $\text{T}_{\text{E}}\text{X}$ but easy with PostScript. Simple PostScript code is presented here to create shaded rectangles, and a macro is developed to combine such a rectangle with text.

[shaded rectangles](#)
[◀ PostScript ▶](#)

[◀ David Salomon ▶](#)

MAPS 9 1992

[p 85-88](#)  [36 kB](#)

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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Introduction to METAPOST

METAPOST is a picture-drawing language very much like METAFONT except with PostScript output. The language provides access to all major features of Level 1 PostScript and it has facilities for integrating graphics with typeset text. This paper gives a brief overview of the METAPOST language and how it can be used. A few of the more interesting features are described in detail.

◀ METAFONT ▶
◀ METAPOST ▶
picture drawing

John Hobby

MAPS 9 1992

p 89-96  110 kB

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T_EX for Everyone!?

In this article author tries to defend a more general use of T_EX outside the world of mathematics, astronomy, physics etc. The ! or ? in the title of this paper is the question. Several examples are shown why T_EX is much powerful than a dull word-processing package.

◀ METAFONT ▶

◀ PostScript ▶

◀ Theo Jurriens ▶

MAPS 9 1992

p 97-99  48 kB

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T_EX als Database

In dit artikel wordt beschreven hoe T_EX is gebruikt als een primitieve database voor de administratie van de 47ste Nederlandse Astronomen Conferentie.

[◀databases▶](#)
[administration](#)

[◀Theo Jurriens▶](#)

MAPS 9 1992

[p 100-101](#)  15 kB

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Ladies and L^AT_EX – III Vragen allerlei!

In het dagelijks gebruik van L^AT_EX komen we zo af en toe toch nog wel eens problemen voor. In dit artikel vragen uit de praktijk en de mogelijke oplossingen.

[◀ floats ▶](#)

[◀ multi-columns ▶](#)

[◀ letter ▶](#)

[◀ table of contents ▶](#)

[◀ Theo Jurriens ▶](#)

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Just give me a Lollipop (it makes my heart go giddy-up)

The Lollipop format is a meta-format: it does not define user macros, but it contains the tools with which a style designer can easily implement such user macros. This article will show some of the capabilities of Lollipop and will give the reader a small peek behind the scenes of the implementation.

Lollipop
meta-format

◀ style design ▶

◀ Victor Eijkhout ▶

MAPS 9 1992

p 105-110  66 kB

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Index Preparation for T_EX Related Documents

A beta release of the MakeIndex program has recently become available for the Macintosh computer, and I immediately started using it to prepare the indexes of two new books. MakeIndex is easy to use with L^AT_EX but, since I like to work with plain T_EX, I have developed all the necessary macros from scratch. They are presented here for the benefit of anyone who wants a professionally looking index.

[◀ index preparation ▶](#)

[◀ MakeIndex ▶](#)

[◀ David Salomon ▶](#)

MAPS 9 1992

[p 111-114](#)  [50 kB](#)

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Table Diversions

Characteristics of existing table macro collections are given. A kaleidoscope of tables – as next best to a taxonomy – is presented. Newly introduced is the class of bordered tables. Variations in print-ruled, nonruled, framed, nonframed, dotted, centered, flushed-can be obtained via the invoke of parameter setting macros; no modification of user mark up. Simultaneous row and column spans, partial rules, and dotted lines are dealt with. The listing of the macro `\btable`, with auxiliaries, is included.

◀ tables ▶

bordered table

◀ plain T_EX ▶

◀ Kees van der Laan ▶

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Syntactic Sugar

A plea is made for being honest with $\text{T}_{\text{E}}\text{X}$ and not imposing alien structures upon it, otherwise than via compatible extensions, or via (non- $\text{T}_{\text{E}}\text{X}$) user interfaces to suit the publisher, the author, or the typist. This will facilitate the process to get (complex) publications out effectively, and typographically of high-quality.

[array addressing](#)

[◀ loops ▶](#)

[parameters](#)

[linear search](#)

[◀ sorting ▶](#)

[switch](#)

[◀ plain \$\text{T}_{\text{E}}\text{X}\$ ▶](#)

[◀ Kees van der Laan ▶](#)

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Heap Sort in T_EX

Sorting in plain T_EX is implemented via heap sort. The heap sort algorithm is explained and the encoding given.

[◀ heap sort ▶](#)

[◀ plain T_EX ▶](#)

[◀ Kees van der Laan ▶](#)

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FIFO and LIFO sing the BLUes

FIFO, First-In-First-Out, and LIFO, Last-In-First-Out, are well-known techniques for handling sequences. In $\text{T}_{\text{E}}\text{X}$ macro writing they are abundant but are not easily recognized as such. $\text{T}_{\text{E}}\text{X}$ templates for FIFO and LIFO are given and their use illustrated. The relation with Knuth's `\dolist`, answer ex11.5, and `\ctest`, p.376, is given.

[◀ FIFO ▶](#)
[◀ LIFO ▶](#)
[◀ BLUe ▶](#)
[◀ plain \$\text{T}_{\text{E}}\text{X}\$ ▶](#)

[◀ Kees van der Laan ▶](#)

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Typesetting Crosswords via T_EX, revisited

An alternative macro, to van der Laan (1992b), is provided for typesetting crosswords via T_EX.

◀ crosswords ▶

◀ Kees van der Laan ▶

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Scientific Word; T_EX à la WYSIWYG

A software package for Windows and OS2WIN for inputting mathematical formulas WYSIWYG according to all T_EX rules. Internal storage format is a mixture of T_EX, L^AT_EX and macros of own design. Mathematical formulas are immediately shown the way they will be printed. Line width for text is limited to the width of the window for ease of use. The built in previewer from TurboT_EX shows the whole document layout. There are also dvi drivers included for PostScript, LaserJet, DeskJet and matrixprinters. Pictures can be called just as easy as formulas can be inputted. A description of the philosophy of this package and how to work with it.

◀ Scientific Word ▶

◀ WYSIWYG ▶

◀ Windows ▶

◀ OS2WIN ▶

◀ Jan Krugers ▶

MAPS 9 1992

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Bugs (sigh) in Knuths 'Computers & Typesetting'

In may/june this year a discussion started on the T_EX-NL listserver (by Kees van der Laan and Nico Poppelier) about the releases of Knuths book series: it was not sure that Addison-Wesley was selling only the latest book editions. We have forwarded that discussion directly to Addison-Wesley in Amsterdam. The answer is included in next section.

[◀ bugs ▶](#)

[◀ Knuth ▶](#)

[Computers & ...](#)

[◀ Gerard van Nes ▶](#)

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L^AT_EX3; Call for Volunteers

This is a call for volunteers to help in the development of L^AT_EX3. There are many tasks needing to be done in support of the L^AT_EX3 project which can be worked on concurrently with the development of the L^AT_EX3 kernel. Furthermore, some tasks require special expertise not found among the core programming team. Initial research, analysis, and work on these tasks by volunteers can greatly speed up the process of integrating a number of desirable features into L^AT_EX3. Many of these features can be extensively developed and tested under L^AT_EX 2.09 even before the L^AT_EX3 kernel is available.

Michael Downes

MAPS 9 1992

p 158  17 kB

EuroT_EX'92 proceedings

EuroT_EX '92 proceedings volume contains 330 pages of papers presented at the last European T_EX Conference held in Prague, Czechoslovakia. There are full texts of five invited talks included, presenting topics ranging from the future of T_EX to combinations involving METAFONT and PostScript, and also user support. The volume is available from the Czechoslovak T_EX user's group for only DM 30.-.

◀ EuroT_EX ▶
proceedings

◀ Prague ▶

◀ Jiří Zlatuška ▶

MAPS 9 1992

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TUG '93; Call for Papers

Call for papers for TUG'93 meeting.

◀ TUG conference ▶

◀ call for papers ▶

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Table of contents of TUGboat Volume 13.2 and 13.3.

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Verslag (1993)

T_EX kalender, Glossary & Mededelingen

Van uw MAPS Editor; '5 jaar MAPS'

Van de Voorzitter (1993/1)

Jaarverslag NTG 1992

Financieel verslag NTG 1992

NTG's Listserver T_EX-NL

NTG's Fileserver T_EX-NL

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Gezeefd uit de T_EX-NL discussielijst (1993/1)

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E-T_EX: Guidelines for Future T_EX extensions

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PostScript en L^AT_EX, de complementariteit in praktijk

Virtual Fonts: Great Fun, Not for Wizards Only

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International quotations

Typesetting number sequences; FIFO and some more

Sorting in BLUe

Manmac BLUes; or how to typeset a book via T_EX

AMS BLUes; professionals at work

The 14th Annual T_EX Users Group Meeting

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Verslag (1993)

Opening; Verslag bijeenkomst 4 juni 1992; Ingekomen stukken en Mededelingen; NTG presentaties: 'The future of T_EX/L^AT_EX'; Rondvraag en Sluiting.

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Gerard van Nes ▶](#)

[◀ Jos Winnink ▶](#)

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T_EX kalender, Glossary & Mededelingen

geen samenvatting (no abstract)

[◀calendar▶](#)
[◀glossary▶](#)
[◀announcement▶](#)

MAPS 10 1993

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Van uw MAPS Editor; '5 jaar MAPS'

geen samenvatting (no abstract)

◀ MAPS ▶

◀ MAPS ▶

◀ NTG ▶

◀ Gerard van Nes ▶

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Van de Voorzitter (1993/1)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

MAPS 10 1993

p 11-14  55 kB

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Jaarverslag NTG 1992

◀ report NTG ▶

In 1992 ging de NTG zijn 5e jaar van bestaan in. Twee NTG bijeenkomsten vonden plaats met vele goede lezingen, naast een succesvolle en goed bezette 5-daagse Advanced T_EX cursus (low budget; met het cursusmateriaal als MAPS-Special). Er verschenen wederom een tweetal MAPS uitgaven (Minutes & AppendiceS). Medewerking werd tevens verleend aan het L^AT_EX3 projekt.

En voor de rest is er het diverse door de leden gedaan waaronder een Public Domain MS-DOS set (instap en volledige versie), proeflezen van de MAPS, en de hulpverlening bij vragen op de T_EX-NL discussielijst.

◀ Gerard van Nes ▶

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Financieel verslag NTG 1992

geen samenvatting (no abstract)

◀ financial report ▶

◀ Johannes Braams ▶

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NTG's Listserver T_EX-NL

Overzicht gebruikers listserver.

◀ listserver ▶

◀ TEX-NL ▶

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NTG's Fileserver \TeX -NL

Overzicht inhoud NTG fileserver.

◀ fileserver ▶

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NTG's Bulletin Board FGBBS

Nieuw voor de Nederlandstalige T_EX Gebruikersgroep: een T_EX Bulletin Board speciaal voor diegenen die niet op het Internet zijn aangesloten. De naam: FGBBS. Op FGBBS is sinds kort een zo volledig en actueel mogelijke T_EX, emT_EX, L^AT_EX en MusicT_EX collectie beschikbaar voor alle bezitters van een modem. Het BBS is kosteloos toegankelijk voor iedereen en er zijn geen beperkingen aan de hoeveelheid bestanden die kunnen worden opgevraagd. Het systeem is aangesloten op een High Speed modem, vergeleken met de transmissiesnelheid die een directe Internet link biedt misschien niet geweldig, maar veel beter kan het niet over de gewone huis- tuin- en keukenPTTlijn. FGBBS is te bellen op 085-217041. Noot 31-jan-1997: nieuw nummer is 026-3217 041.

◀ BBS ▶

◀ bulletin board ▶

◀ FGBBS ▶

◀ Frans Goddijn ▶

MAPS 10 1993

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A Catalogue of T_EX Macros

This is a catalogue of T_EX macros. Its scope includes all macros that are available via anonymous ftp or mail-server or some similar mechanism. Commercial packages will be included only if a full Catalogue entry is supplied to me by the vendor.

◀ T_EX ▶
◀ L^AT_EX ▶
◀ AMST_EX ▶
AMSL^AT_EX
◀ macros ▶
◀ index ▶

David Jones

MAPS 10 1993

p 37-40  39 kB

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A way to ensure the future of $\text{T}_{\text{E}}\text{X}$: make its use easier on low-cost machines

The PC is the cheapest computer and the most widespread one in the scientific community. Faced with commercial scientific word-processors that are improving steadily in wrong directions, it is urgent to make the use of $\text{T}_{\text{E}}\text{X}$ easier on the PC, to ensure its future and avoid costly dead-ends to researchers. We have designed a program, $\text{AsT}_{\text{E}}\text{X}$, that allows to create easily multi-author scientific documents in $\text{T}_{\text{E}}\text{X}$ or $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ on PCs. It provides an on-line hypertext help and a multi-level assistance in typing $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ code. It allows to display and modify very easily the structure of a document, to archive and retrieve files related to it, to perform numerical and formal computations from the document and include automatically the results, to create $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ tables from worksheets or databases of formulas. It processes electronic mail and files sent by list servers for a better use of information and eases considerably the use of anonymous ftp and archie servers by local archiving of selected informations.

[back-end](#)
[◀ front-end ▶](#)
[◀ scientific ... ▶](#)
[As \$\text{T}_{\text{E}}\text{X}\$](#)
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Michel Lavaud

MAPS 10 1993

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4T_EX: a T_EX Workbench for MS-DOS PC's

T_EX and all its companions offer an enormous amount of possibilities. This is both an advantage and a disadvantage. The advantage is that almost anything is possible; the disadvantage is that you need detailed knowledge of all related programs to fully exploit the possibilities. The MS-DOS program 4T_EX is an attempt to integrate all major T_EX related programs in a shell that shields you from the tedious and frustrating job of setting environment variables and program parameters.

◀4T_EX▶
workbench
◀PC▶
◀MS-DOS▶
◀freeware▶
shareware

◀Wietse Dol▶
◀Erik Frambach▶
Maarten van ...

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p 53-56  58 kB

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$\text{T}_{\text{E}}\text{X}$ zonder omhaal; voor Atari ST en andere PC's (I)

Deze cursus is bedoeld als eerste kennismaking met $\text{T}_{\text{E}}\text{X}$ op een eenvoudige PC. Een harde schijf is niet nodig. De cursus is gebaseerd op de PD- $\text{T}_{\text{E}}\text{X}$ van Christoph Strunk voor Atari ST. De installatie en de functie van de basis bestanden van $\text{T}_{\text{E}}\text{X}$ worden behandeld. Deze cursus is een gecorrigeerde herdruk van een serie artikelen in het blad ST uitgegeven door: Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

◀ Atari ▶
PD- $\text{T}_{\text{E}}\text{X}$

◀ Robert Best ▶

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Gezeefd uit de T_EX-NL discussielijst (1993/1)

Gezeefd uit de NTG T_EX-NL discussielijst van 1992 en begin 1993: een zestiental vragen en antwoorden. Niet alleen voor de niet-netwerkers doch ook voor de T_EX-NL subscribers die de berichten te snel langs hun heen zagen gaan. Keuze is gemaakt op persoonlijke titel, veel is dus ongetwijfeld missende. Echter de onderwerpen welke in deze bijdrage worden behandeld zijn zeker van algemeen belang.

◀ TEX-NL ▶
◀ discussionlist ▶

◀ Philippe ... ▶

MAPS 10 1993

p 69-72  37 kB

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armT_EX, een port van T_EX voor de Archimedes

In dit artikeltje zal ik vertellen wat armT_EX is en welke voor- en nadelen het systeem heeft. Het is geen uitvoerige opsomming van wat T_EX kan, omdat de lezer geacht wordt daarvan (enigszins) op de hoogte te zijn. Ik zal me meer richten op de technische kanten van het werken met T_EX op de Archimedes.

armT_EX
Acorn
Archimedes
◀ port ▶

Mark Sinke

MAPS 10 1993

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Het gebruik van MathTime in L^AT_EX

geen samenvatting (no abstract)

◀ MathTime ▶

◀ L^AT_EX ▶

◀ Piet Tutelaers ▶

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The Future of T_EX

T_EX and the other members of Knuth's Computers & Typesetting family are arguably amongst the most successful examples of computer software in the world, having been ported to almost every conceivable operating system and attracting an allegiance that verges on the fanatical. Development work on this family has now ceased, and many members of the computer typesetting community are concerned that some action should be taken to ensure that the ideas and philosophy enshrined in T_EX are not allowed simply to fade away. In this paper, we discuss some of the options available for perpetuating the T_EX philosophy, and examine the strengths and weaknesses of the present T_EX system. We conclude by postulating a development strategy for the future which will honour both the letter and the spirit of Knuth's wish that T_EX, METAFONT and the Computer Modern typefaces remain his sole responsibility, and at the same time ensure that the philosophy and paradigms which are the strengths of T_EX are not lost for ever by having artificial constraints placed on their evolution.

◀ extended T_EX ▶

◀ NTS ▶

New ...

◀ Philip Taylor ▶

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E- \TeX : Guidelines for Future \TeX extensions

With the announcement of \TeX 3.0, Don Knuth acknowledged the need of the (ever growing) \TeX community for an even better system. But at the same time, he made it clear, that he will not get involved in any further enhancements that would change the \TeX book. \TeX started out originally as a system designed to typeset its author's own publications. In the meantime it serves hundreds of thousands of users. Now it is time, after ten years' experience, to step back and consider whether or not \TeX 3.0 is an adequate answer to the typesetting requirements of the nineties. Output produced by \TeX has higher standards than output generated automatically by most other typesetting systems. Therefore, in this paper we will focus on the quality standards set by typographers for hand-typeset documents and ask to what extent they are achieved by \TeX . Limitations of \TeX 's algorithms are analyzed; and missing features as well as new concepts are outlined.

◀ e- \TeX ▶
guidelines
◀ extensions ▶

◀ Frank Mittelbach ▶

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The L^AT_EX3 Project

This is a brief sketch of the L^AT_EX3 Project: background, history, principles, aims and functionality. The new version of L^AT_EX is, like the current version, a freely available system for automated processing of structured documents, formatting them to the highest typographic standards by use of the T_EX typesetting software. Although its uses include a very large range of published documents, the importance of its unsurpassed ability to format mathematical formulas will not be forgotten in producing the new version. It is being produced by an international group of volunteers under the technical direction of Frank Mittelbach.

PostScript en L^AT_EX, de komplementariteit in praktijk

In dit artikel toon ik aan hoe PostScript en L^AT_EX een hoge graad van samenhang bezitten, die het mogelijk maakt om de voordelen van beide systemen te combineren om documenten elektronisch te publiceren. Allereerst vertel ik hoe, samen met de dvi-vertaler dvips en het stijlbestand epsfig, het invoegen van PostScript materiaal in een (La)T_EX bestand heel eenvoudig wordt. Samen met de stijl rotating kan men bijna elk gewenst globaal grafisch effect verkrijgen zonder per-se een PostScript guru te zijn. In het tweede gedeelte van het artikel geef ik een kort overzicht van enkele op PostScript gebaseerde stijlbestanden, die bepaalde nuttige visuele effecten genereren, zoals grijze raampjes, kleurentypografie en het overdrukken van tekst. In het laatste gedeelte toon ik hoe eenvoudig het is om PostScript fonts te gebruiken in L^AT_EX met het nieuwe fontselectie systeem (NFSS) van Frank Mittelbach.

◀ PostScript ▶

◀ L^AT_EX ▶

epsfig

◀ NFSS ▶

◀ Michel Goossens ▶

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Virtual Fonts: Great Fun, Not for Wizards Only

This paper deals with virtual fonts. I would like to present some examples of their astonishing possibilities, taken from everyday typesetting (or almost).

[◀ virtual fonts ▶](#)

[◀ Yannis ... ▶](#)

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The Birth of a Virtual Font; The AdjKerns Utility

geen samenvatting (no abstract)

◀ virtual fonts ▶
AdjKerns

◀ Yannis ... ▶

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When T_EX and METAFONT Work Together

When T_EX and METAFONT communicate to each other, they can do more together than they can alone. This presentation concentrates on two illustrations of this principal, and urges readers to come up with more. When T_EX becomes sensitive to information passed to it from METAFONT, it is possible to prepare diagrams and figures using METAFONT and then to have T_EX prepare labels which can be precisely positioned within the figure. When communication goes the other way, T_EX and METAFONT can prepare special purpose fonts which (among other things) can be set along curved baselines. Illustrations of both techniques are presented.

◀ METAFONT ▶
labelling figures
figures with labels
curvilinear

◀ Alan Hoenig ▶

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Getallen

geen samenvatting (no abstract)

◀ numbers ▶

◀ David van ... ▶

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International quotations

In this article some relatively simple macros are presented for people who need an occasional quotation mark that is different from the default quotation marks provided by \TeX .

quotation marks

◀Johannes Braams▶

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Typesetting number sequences; FIFO and some more

Typesetting sequences of numerical values, represented via symbolic names which get their values on the fly, is dealt with. The sorting of the sequence is done by a linear sorting algorithm, of complexity $O(n^2)$. Three or more consecutive numbers are typeset as a range. The objective was to encode typesetting sequences of numbers as simple, concise, general, compatible, modular, orthogonal, and ..., as possible in $\text{T}_\text{E}\text{X}$.

[typesetting ...](#)

[citation lists](#)

[lists of references](#)

[linear sorting](#)

[◀ FIFO ▶](#)

[◀ plain \$\text{T}_\text{E}\text{X}\$ ▶](#)

[◀ Kees van der Laan ▶](#)

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Sorting in BLUE

Macros for number and lexicographic sorting are supplied. Data can originate from the copy, from file, or generated automatically. Lexicographic sorting allows words with ligatures and diacritical marks. Applications treated are: sorting with respect to report generation with T_EX as a database tool, sorting and compressing index.T_EX, Knuth's index reminders file, and sorting control sequences separately. It is illustrated by various examples that a set can be sorted within T_EX once the ordering of the set is defined and encoded in a comparison macro, in compliance with the parameter macro `\cmp`.

[◀ sorting ▶](#)

[◀ index preparation ▶](#)

[database handling](#)
[multiple ...](#)

[◀ Kees van der Laan ▶](#)

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Manmac BLUes; or how to typeset a book via T_EX

The manmac macros are enumerated. A user's guide is provided, and the encodings are explained. As enhancements the writing of index reminders to the file index. T_EX is elaborated upon, and how to incorporate AMS fonts and non-CM fonts is referred to. In the appendixes I provided the source of manmac and my personalized report template. With respect to the latter, I played with the idea of formatting the MAPS specials series in this way.

◀ computer-assisted ... ▶

◀ manmac ▶

◀ style ▶

customizing

◀ index preparation ▶

◀ plain T_EX ▶

◀ fonts ▶

◀ Kees van der Laan ▶

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AMS BLUes; professionals at work

The significance of the American Mathematical Society for the $\text{T}_{\text{E}}\text{X}$ community at large, and more general the leading role of the AMS in the area of professional computer-assisted typesetting, is praised. AMS- $\text{T}_{\text{E}}\text{X}$, AMS- $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$, their accompanying styles `amspt.sty`, respectively `amsart.sty`, as well as AMS fonts are discussed. AMS provides excellent user's and installation guides along with the software and fonts, all in the public domain. Despite the quality, an alternative approach - and in detail some alternative encodings - are provided. A publisher is strongly encouraged to take notice of the computer-assisted publishing activities of this pace-setting society. A new procedural idea with respect to specifying and formatting bibliographies, given a background file of all the references an author is familiar with, is proposed to suit the author and the publisher.

[◀ computer-assisted ... ▶](#)

[◀ math ▶](#)

[◀ bibliography ▶](#)

[◀ markup ▶](#)

[◀ AMST \$\text{E}\$ X ▶](#)

[◀ math fonts ▶](#)

[◀ cyrillics ▶](#)

[◀ plain \$\text{T}_{\text{E}}\text{X}\$ ▶](#)

[◀ Kees van der Laan ▶](#)

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The 14th Annual T_EX Users Group Meeting

'A World-Wide Window on T_EX'

◀ TUG conference ▶

◀ Aston ▶

◀ Sebastian Rahtz ▶

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Gezeefd uit de \TeX -NL discussielijst (1993/2)
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4all \TeX : NTG's \TeX voor MS-DOS
Shells for \TeX
Some notes about \TeX and MS-Windows
A Future for \TeX
Scientific Word,... een eerste indruk
The ease of including graphics in \TeX documents using 4 \TeX
Customizing L \TeX lists
An update on the babel system
Herziene afbreekpatronen voor het Nederlands
Typesetting paragraphs of a specified shape
 \TeX from `\indent` to `\par`
L \TeX at WKAP in Dordrecht
 \TeX en braille... een illusie?
BLUe's bibliography - a generic approach
Matrix icons via L \TeX
An application of literate programming: creating a format for the ...
Teaching Typography - The Didot Project
Announcement L \TeX 2e - A New Version of L \TeX
Review of recent L \TeX books
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Call for papers: TEP'94 & TUG'94
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Opening 11e NTG bijeenkomst 10 juni 1993

Verslag bijeenkomst 19 november 1992; Ingekomen stukken en Mededelingen; NTG-jaarvergadering; Rondvraag en Sluiting; Voordrachten: 'Van font tot boek'; Volgende bijeenkomsten

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Jos Winnink ▶](#)

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Van de Voorzitter (1993/2)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

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Van uw MAPS Editor (1993)

geen samenvatting (no abstract)

◀Gerard van Nes▶

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Concept begroting 1994

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◀ budget ▶

◀ Johannes Braams ▶

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NTG's Listserver T_EX-NL

Overzicht gebruikers listserver.

◀ listserver ▶

◀ TEX-NL ▶

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NTG's Fileserver \TeX -NL

Overzicht inhoud NTG fileserver.

◀ fileserver ▶

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Deze bijdrage beschrijft de sinds kort aanwezige beschikbaarheid van het T_EX-NL archief op het internet. Zowel inzage is mogelijk in een subject-lijst als in de T_EX-NL e-mails zelf.

[◀ Jules van Weerden ▶](#)

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INFO- \TeX

This article is a adaption of the message send to new users on the INFO- \TeX distribution list. It describes some additional features of the LISTSERV (including some other mailing lists) and the additional FILESERV facillity.

◀George ... ▶

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FGBBS zes maanden later

Henk de Haan en Frans Goddijn geven een uitleg over de werkzaamheden aan FGBBS. Nadat een directory met boeken op disk was gewist, werd de \LaTeX -bibliotheek van FGBBS belangrijk uitgebreid. Er werd voor bezoekers een mogelijkheid geschapen om zowel in fidonet als Internet berichten te lezen en te schrijven. Ook een systeem voor offline reading werd aangelegd.

◀ FGBBS ▶

◀ bulletin board ▶

◀ LittleComm ▶

Silver Express
offline reading

◀ Fidonet ▶

◀ internet ▶

◀ Frans Goddijn ▶

◀ Henk de Haan ▶

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Spoorboekje voor het inloggen op FGBBS met LittleComm

Zoals uit het kopje al blijkt, ga ik er hier vanuit dat je nog niet veel ervaring hebt met datacommunicatie, en dat je hebt gekozen voor het gebruik van LittleComm. LittleCommspoort je vlug, veilig en voordelig door het fascinerende land van de datacommunicatie. door hem gebruikte setup.

[◀ FGBBS ▶](#)

[◀ LittleComm ▶](#)

datacommunicatie

John Timmerman

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Greetings from TUG

geen samenvatting (no abstract)

◀ Christina Thiele ▶

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NTG's Lustrum

NTG's youth in ConT_EXt is depicted, with a wink to the future.

◀4T_EX▶

◀BBS▶

cooperation ...

cooperation ...

◀ Kees van der Laan ▶

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Ik ben een leek en vrij van pijnlijk weten

geen samenvatting (no abstract)

Huib van Krimpen

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TUG '93

This report contains the main issues as perceived by the author. The idea is to get the flavor and my view of the good items across, at the expense of completeness.

[L^AT_EX companion](#)

[◀ L^AT_EX 2.09 ▶](#)

[◀ NTS ▶](#)

[◀ outline fonts ▶](#)

[◀ PDF ▶](#)

[◀ CTAN ▶](#)

[◀ TUG conference ▶](#)

[◀ Aston ▶](#)

[◀ Kees van der Laan ▶](#)

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TUG Board of Directors

The following are the loosely formulated issues as perceived by me. For more preciseness the reader is referred to the (approved) minutes.

◀ board-of-directors ▶
conference ...
long-range ...
public relations
T_EXnical council
exchange of ...

◀ Kees van der Laan ▶

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CyrTUG '93 and some more

The first open CyrTUG meeting with a few participants from abroad. A rich touristic program next to the usual issues: courses, and special attention to the national T_EX problems.

[◀CyrTUG▶](#)
[◀conference▶](#)
[◀cyrillics▶](#)
MIR publishers

[◀Kees van der Laan▶](#)

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What is T_EX and METAFONT all about?

A survey of T_EX, its flavours, and its twin sister METAFONT, within the context of Electronic Publishing, is given.

◀ AMST_EX ▶
◀ electronic ... ▶
◀ L^AT_EX ▶
◀ METAFONT ▶
◀ EPS ▶
◀ SGML ▶
◀ hyperT_EX ▶

◀ Kees van der Laan ▶

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Gebruik en Management van T_EX in een Unix omgeving

Een T_EX systeem op een Unix systeem omhelst tegenwoordig veel meer dan alleen het gelijknamige programma. Een goed geïntegreerde werkomgeving is mogelijk voor het produceren van een veelzijdig scala aan documenten. We bespreken de structuur van het T_EX systeem, de gangbare hulpmiddelen en pakketten eromheen, zoals printer drivers, previewers, font beheer, grafische pakketten, bibliografiebeheer, index beheer, spelling controle e.d. Verder besteden we aandacht aan de beheers- en installatie aspecten ervan, zowel voor een stand-alone systeem als voor een client-server omgeving met eventueel heterogene systemen.

◀Piet van Oostrum▶

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METAFONT for Beginners

This is not a tutorial on METAFONT. It is an attempt to describe how some of the pitfalls in running the program may, hopefully, be avoided.

Geoffrey Tobin

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\TeX zonder omhaal; voor Atari ST en andere PC's (II)

Deze cursus is een vervolg op die in MAPS 93.1. Na een inleiding in het eerste hoofdstuk werden toen in de volgende hoofdstukken behandeld: Boxen, METAFONT en PostScript, Figuren en een vreemd alfabet, en tot slot INIT \TeX en INIMF. In deze bijdrage vervolgen we met hoofdstuk 6: het maken van een mooie brief, niet via 'boxen' in \TeX maar m.b.v. L \TeX . In hoofdstuk 7 bekijken we de 'artikel-stijl', waarschijnlijk de meest gebruikte vorm van \TeX . Dat leidt tot een vergelijking van \TeX en L \TeX . En tot een alternatief: \TeX sis. Deze cursus is een herdruk van een serie artikelen in het blad ST uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

◀ Robert Best ▶

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Frequently Asked Questions (II)

This article contains answers to some frequently asked questions on `comp.text.tex`. Please don't ask these questions again, as they've been answered many times before. Note that Guoying Chen (`chen-guo@spunky.cs.nyu.edu`) posts the monthly document `Supplementary TEX Information` to this newsgroup containing other information and software relevant to T_EX users but beyond the scope of this article.

[◀FAQ▶](#)

[◀frequently ...▶](#)

[◀comp.text.tex▶](#)

[◀Bobby ...▶](#)

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Frequently Asked Questions about emT_EX

This is an edited version of a document called emT_EX-user Frequently Asked Questions. Eberhard Mattes sent this document on october 3rd, 1993 to the emT_EX-user list. In the community of dutch T_EX-users emT_EX is widely spread. So questions to the list are probably also valuable for many emT_EX-users without direct access to the list.

◀FAQ▶
◀frequently ...▶

Eberhard Mattes

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Frequently Asked Questions about 4T_EX (1)

In this note I have gathered some frequently asked questions and remarks. Most of the questions and answers were proposed in Dutch, so I tried to translate them into English. Blame me for (m)any bad English.

◀ Wietse Dol ▶

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Gezeefd uit de T_EX-NL discussielijst (1993/2)

Hier volgt opnieuw een selectie uit de NTG T_EX-NL discussielijst. Er werden enkele (korte) items uitgelicht uit de onderwerpen die aan bod gekomen zijn tussen juni en september 1993.

◀ Philippe ... ▶

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The Comprehensive T_EX Archive Network (CTAN)

This paper outlines the concept, development, and use of the Comprehensive T_EX Archive Network (CTAN) - a network-accessible archive for files related to the T_EX family of document processing. The CTAN is a coordinated effort among consenting well-known archive sites which provides quick identification and retrieval files in a consistent manner from hosts on different continents, thereby reducing overall network load and increasing speed of retrieval. Moreover, it provides users with a parallel archive structure between hosts with holdings which are generally synchronized to within 30 hours of one another. This is achieved by routinely mirroring one another's holdings, as well as mirroring other archives to maintain an up-to-date collection of files.

◀CTAN▶
◀archives▶
◀FTP▶

◀George ...▶

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4all \TeX : NTG's \TeX voor MS-DOS

Presentatie van het 4all \TeX floppypakket. Opgezet als een \TeX -installatie samengepakt op 1 HD floppy, uitbreidbaar met 'hapklare' brokken in de vorm van extra floppies. Het geheel is gebaseerd op het em \TeX pakket van Eberhard Mattes, en het 4 \TeX -pakket.

◀ em \TeX ▶

◀ 4 \TeX ▶

◀ distribution ▶

◀ Phons Bloemen ▶

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Shells for T_EX

This is a review of two ‘shell’ programs for emT_EX, the PC-T_EX implementation of Eberhard Mattes. The ‘shells’ provide an integrated development environment for making T_EX documents. The two ‘shells’ presented here are T_EXSHELL by Jürgen Schlegelmilch, and 4T_EX by Wietse Dol, Erik Frambach and Maarten van der Vlerk.

◀ 4T_EX ▶

T_EXShell

◀ user interface ▶

◀ Phons Bloemen ▶

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Some notes about T_EX and MS-Windows

Many people know about T_EX compilers and T_EX utilities for the MS-DOS PC. However, in the world of WINDOWS there is a lack of knowledge. This note is intended to inform people who like to run T_EX under WINDOWS and want all the good stuff that WINDOWS and T_EX offers.

◀ Wietse Dol ▶

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A Future for T_EX

The future of T_EX is invisibility. The role of T_EX should be similar to that of the microprocessor in a PC. The microprocessor is the heart of the system, but is completely invisible except for the sticker which says 'intel inside.' T_EX must be made invisible with appropriate front-ends. These front-ends should emphasize the manipulation of content over appearance and reverse the trend toward WYSIWYG (What You See Is What You Get) interfaces with their emphasis on manipulation of appearance. Content-oriented interfaces provide far greater user productivity than WYSIWYG systems, and T_EX is the ideal basis for such systems.

Roger Hunter

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Scientific Word,... een eerste indruk

Eind 1992 kreeg ik een beta-versie van Scientific Word in de bus. Dhr. Kruger was toen zo vriendelijk om mij dit pakket toe te sturen ter evaluatie. Hierna volgt het rapport(je) met mijn bevindingen dat ik hem destijds toestuurde. Zonder twijfel is het product inmiddels verder geëvalueerd en zijn mijn bevindingen dan ook hoogstwaarschijnlijk niet echt meer 'up to date'.

◀ Philippe ... ▶

MAPS 11 1993

p 167-170  50 kB

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The ease of including graphics in T_EX documents using 4T_EX

In this paper we will show how 4T_EX can be used to incorporate graphics in T_EX documents. Using 4T_EX it not only becomes easy to include graphics in T_EX files, but also makes it possible to preview and print T_EX documents (including graphics) on any machine and any printer. For inserting graphics in T_EX documents, 4T_EX uses the style file figures.sty, the shareware programs T_EXCAD and GRAPHIC WORKSHOP, and the freeware programs: HP2XX, BM2FONT,PCLTOMSP, and GhostScript. All these programs are discussed and we also discuss how 4T_EX uses the strength of these programs to incorporate graphics in T_EX documents.

◀Wietse Dol▶

MAPS 11 1993

p 171-176  151 kB

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Customizing L^AT_EX lists

In this article, which is part of the third chapter of our forthcoming book ‘A L^AT_EX Companion’, we take a look at L^AT_EX’s list environments. First the various parameters and commands controlling the standard L^AT_EX lists, `enumerate`, `itemize`, and `anddescription`, are discussed. Then the general list environment is introduced and we tell you how to build custom layouts by varying the values of the parameters controlling this environment.

◀ Michel Goossens ▶

◀ Frank Mittelbach ▶

Alexander ...

MAPS 11 1993

p 177-184  77 kB

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An update on the babel system

This article describes the changes that have been made to the babel system, since the article describing the system appeared in TUGboat Volume 12, number 2. This article announces the release of a new version of the babel system.

◀Johannes Braams▶

MAPS 11 1993

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Herziene afbreekpatronen voor het Nederlands

Dutch hyphenation patterns for T_EX based upon 'Groene boekje 1990'

[◀ hyphenation ▶](#)

[◀ new dutch ▶](#)

[◀ Piet Tutelaers ▶](#)

MAPS 11 1993

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Typesetting paragraphs of a specified shape

Editor's note: This description of an unusual macro file, shapepar.sty, is taken from the documentation; the full style file can be found in CTAN archives.

◀ Donald Arseneau ▶

MAPS 11 1993

p 191-193  **43 kB**

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T_EX from `\indent` to `\par`

geen samenvatting (no abstract)

Marek Ryćko
◀ Bogusław ... ▶

MAPS 11 1993

p 194-198  70 kB

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L^AT_EX at WKAP in Dordrecht

In this article, I will explain a couple of things about the use of L^AT_EX at Wolters Kluwer Academic Publishers (WKAP), a scientific publisher in Dordrecht. WKAP came into existence in the '80s after the merger between D. Reidel Publishing Company, Martinus Nijhoff and Dr W. Junk. Each year, WKAP publishes approximately 200 scientific journals and about 500 books (in reality, 200 scientific journal titles translates into some 1200 journal issues).

Rob de Jeu

MAPS 11 1993

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\TeX en braille... een illusie?

Ongetwijfeld zal bovenstaande titel menig NTG-lid de wenkbrauwen doen fronsen...: Typografie, laat staan \TeX , is nu wel het laatste wat wij in verband brengen met onze blinde medemens. In de volgende paragrafen zal ik pogen te verklaren waarom ik \TeX als een mogelijk hulpmiddel zie voor de produktie van (eenvoudige) documenten in braille.

◀ Philippe ... ▶

MAPS 11 1993

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BLUe's bibliography – a generic approach

A new and flexible approach to maintaining and using a bibliography database within (All)T_EX is provided.

◀ literature ... ▶

◀ bibliography ▶

◀ plain T_EX ▶

◀ Kees van der Laan ▶

MAPS 11 1993

p 205-210  76 kB

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Matrix icons via L^AT_EX

Some macros for typesetting matrix icons are provided, based upon L^AT_EX's picture environment, which don't need coordinate awareness: just the (dimensionless) sizes of the 'boxes.'

[matrix icons](#)

[◀ L^AT_EX ▶](#)

[◀ picture ... ▶](#)

[◀ Kees van der Laan ▶](#)

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An application of literate programming: creating a format for the bulletin of the Polish TUG

geen samenvatting (no abstract)

Włodek Bzyl
Tomasz ...

MAPS 11 1993

p 213-215  37 kB

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Teaching Typography – The Didot Project

This paper briefly outlines the Didot project on teaching digital typography. A key issue, namely the nature of the interaction between computer and design specialists, is discussed and related to the type of material that could be included in a curriculum for digital typography. Teaching methods and material that have been developed in this area are outlined and an evaluation of one of these methods is described.

[digital typography](#)
[curriculum ...](#)
[letterforms](#)
[project report](#)

[◀ Mary Dyson ▶](#)

MAPS 11 1993

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Announcement L^AT_EX2e – A New Version of L^AT_EX

L^AT_EX2e is a new, standard version of L^AT_EX-prepared and supported by the L^AT_EX3 Project Team.

◀Chris Rowley▶
◀Frank Mittelbach▶

MAPS 11 1993

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Review of recent L^AT_EX books

Reviews of 'A Guide to L^AT_EX, Document Preparation for Beginners and Advanced Users' (Helmut Kopka and Patrick Daly), 'L^AT_EX Line By Line, Tips and Techniques for Document Processing' (Antoni Diller).

◀ book review ▶

◀ Nico Poppelier ▶

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The Technical Council and Special Interest Working Groups

geen samenvatting (no abstract)

Michael Ferguson

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Call for papers: TEP'94 & TUG'94

call for papers for TEP'94 and for TUG'94.

◀ call for papers ▶
TEP
◀ TUG conference ▶
Darmstadt
◀ Santa Barbara ▶

◀ Mary Dyson ▶

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Opening 12e NTG bijeenkomst 18 november 1993; Verslag NTG bijeenkomst van 10 juni 1993; Ingekomen stukken en Mededelingen; Begroting 1994; Wat verder ter tafel komt; L^AT_EX3; MAPS; Verslag bijeenkomsten; Verslag werkgroepen; Rondvraag; Voordrachten: '(La)T_EX gebruikersomgeving'; Volgende bijeenkomsten; Sluiting

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Jos Winnink ▶](#)

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Van de Voorzitter (1994/1)

geen samenvatting (no abstract)

◀ chairman ▶

◀ Kees van der Laan ▶

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Van uw MAPS Editor (1994/1)

geen samenvatting (no abstract)

◀Gerard van Nes▶

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Jaarverslag NTG 1993

geen samenvatting (no abstract)

◀ report NTG ▶

◀ Gerard van Nes ▶

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◀ financial report ▶

◀ Johannes Braams ▶

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Use of T_EX and L^AT_EX within the NTG community

At the 1993 spring meeting of the Dutch T_EX User Group (NTG) the NTG Board was asked to find out in what way T_EX and L^AT_EX is used by its members. Main motivation for this question was to find out how important funding of the L^AT_EX-3 project for the members of NTG is. Therefore it was necessary to have insight in the use of T_EX and related products/macro packages. It was decided that the board should held a inquiry among the members and if possible present the results at the fall 1993 meeting. This article describes the results of the survey.



◀ Jos Winnink ▶

MAPS 12 1994

p 17-18  25 kB

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The making of the 4all \TeX CD-ROM

In about one half year the world's first turn-key \TeX system on CD-ROM was produced. It contains the ms-dos \TeX workbench 4 \TeX version 3.20 in perhaps the largest form ever, plus many \TeX sources that are valuable to any \TeX user. In this article we present a look behind the scenes, so you get some insight in the course of events that mark the production of NTG's first CD-ROM.

[◀CDROM▶](#)

[◀4all \$\TeX\$ ▶](#)

[◀4 \$\TeX\$ ▶](#)

ISO9660

[◀Erik Frambach▶](#)

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FGBBS: de jonge jarige

Stonden de eerste zes maanden van het FGBBS in het teken van onafgebroken uitbreiding van file- en berichtengebieden en het telkens vergroten van de beoogde gebruikersvriendelijkheid, het afgelopen halfjaar hebben we met succes gestreefd naar stabilisatie van het systeem, overigens zonder de actualiteit uit het oog te verliezen.

◀ FGBBS ▶

◀ bulletin board ▶

◀ Fidonet ▶

◀ internet ▶

◀ 4allT_EX ▶

◀ LittleComm ▶

◀ CDROM ▶

◀ Frans Goddijn ▶

◀ Henk de Haan ▶

MAPS 12 1994

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4 \TeX 3.20 a technical note

With the release of the CD-ROM there will also be a new release of the 4 \TeX workbench (version 3.20). In this note I will try and explain what will be different from the earlier versions (e.g. installed with 4all \TeX).

◀ Wietse Dol ▶

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Frequently Asked Questions about 4T_EX (2)

geen samenvatting (no abstract)

◀ Wietse Dol ▶

MAPS 12 1994

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\TeX zonder omhaal; voor Atari ST en andere PC's (III)

\TeX Draw wordt getest. Veel Atari ST's worden gebruikt om elektronisch muziek te maken, op te nemen (MIDI) en af te drukken in muziekschrift. Dat afdrukken kan ook met \TeX . Uitbreidingen van \TeX zoals \LaTeX , \TeX sis en $\text{Music}\TeX$ maken het zetwerk makkelijker en mooier, maar \TeX heeft ook meer werkruimte nodig. We maken een $\text{Big}\TeX$ en een trefwoordenregister voor een lange tekst. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

\TeX Draw
MIDI \TeX

◀ $\text{Music}\TeX$ ▶

$\text{Big}\TeX$

◀ MakeIndex ▶

◀ Robert Best ▶

MAPS 12 1994

p 31-33  100 kB

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\TeX zonder omhaal; voor Atari ST en andere PC's (IV)

Deze keer gaat het over een recent uitgekomen macro-pakket, dat \LaTeX 2e heet. Dit pakket vormt een krachtige set macro's, waarmee je zonder al te veel van \TeX af te weten goed uitziende teksten kan produceren. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

Mark van Veen

MAPS 12 1994

p 34-36  37 kB

L^AT_EX2e, an overview

This article gives an overview of the new or extended user commands available with L^AT_EX2e, the new L^AT_EX release, compared to the previous version L^AT_EX 2.09. After introducing the new preamble commands, the extensions for defining new commands and environments, and handling length and boxes are discussed. The new font selection commands are explained, both for text and math, and it is shown how to easily use different font families. A list of supported class and package files is given and new possibilities for controlling page contents and floats are discussed. Most of this material is described in much greater detail in 'The L^AT_EX Companion' and in the second edition of the L^AT_EX Reference Manual.

◀ Michel Goossens ▶

MAPS 12 1994

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Standard Document Classes and Packages

This article describes the Document Classes and Packages that are available or will be available shortly for use with L^AT_EX2_ε. The number of available Packages and Classes will obviously change once L^AT_EX2_ε is the 'official' L^AT_EX.

◀ Johannes Braams ▶

MAPS 12 1994

p 47-49  47 kB

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Upgrading old styles

This article deals with the things you have to look for when upgrading an old .sty file for L^AT_EX2_ε, turning it into either a Document Class or a Package.

◀ Johannes Braams ▶

MAPS 12 1994

p 50-52  51 kB

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A brief guide to T_EX assistants

This paper offers a ‘back to basics’ overview of the various types of software which are of assistance to the T_EXnical writer on a personal computer (this includes Unix machines, but excludes, for instance, VMS or VM/CMS systems). It is based on a presentation to the October UK-TUG meeting, and I am grateful to the other speakers, and our chairman Allan Reese, for insights and news. I would also like to refer readers to the Dutch T_EX Group’s journal MAPS, whose issue 93.2 contains a variety of useful papers on T_EX interfaces, two of which are reproduced in Baskerville Volume 3.2 (December 1993).

◀ Sebastian Rahtz ▶

MAPS 12 1994

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Building virtual fonts with ‘fontinst’

This document gives a brief overview of the fontinst package. The fontinst package is used to build virtual fonts (VFs) which allow PostScript fonts to be used as drop-in replacements for the Computer Modern fonts in T_EX. Below, I’ll describe VFs briefly, and describe how they can be built using the fontinst package.

Alan Jeffrey

MAPS 12 1994

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T_EX to Hypertext Conversion with L^AT_EX2HTML

L^AT_EX2HTML is a conversion tool that allows existing documents written in L^AT_EX to become part of a global multimedia system. This paper presents some of the reasons for using such a system and describes the basic conversion process.

◀ Nikos Drakos ▶

MAPS 12 1994

p 60-62  82 kB

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Colour slides with L^AT_EX and 'seminar.sty'

geen samenvatting (no abstract)

◀ Michel Goossens ▶

◀ Sebastian Rahtz ▶

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Making T_EX work

This article contains the Table of Contents, Preface, and Chapter 4 of 'Making T_EX Work' by Norman Walsh; published by O'Reilly and Associates (ISBN 1-56592-051-1). No effort has been made to preserve the 'look and feel' of the book in this text, and some simplifications have been performed (particularly with respect to special formatting issues and package names).

[◀ book ▶](#)

[◀ table of contents ▶](#)

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Review of 'Making T_EX work'

This is a review of the book 'Making T_EX Work' by Norman Walsch

[◀ book review ▶](#)
[◀ review ▶](#)

Paul Thompson

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Typesetting Greek texts by T_EX and L^AT_EX

This paper contains some information on whatever exists for typesetting by T_EX documents which contain entirely or in part Greek text. Those who would like to typeset Greek texts not by plain T_EX, but rather with L^AT_EX, may find this short article quite useful as well.

◀ T_EX ▶

◀ L^AT_EX ▶

Greek

◀ fonts ▶

◀ packages ▶

◀ freeware ▶

commercial

Dimitrios Filippou

MAPS 12 1994

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Springer authors do it with T_EX

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Angelika Binding

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$\text{T}_{\text{E}}\text{X}$ -verwerking bij PRAGMA

PRAGMA uses $\text{T}_{\text{E}}\text{X}$ for producing educational texts. To facilitate development of educational materials, a dedicated macro package has been developed as well as a full featured $\text{T}_{\text{E}}\text{X}$ (t) editing environment.

Computerondersteund tekstgebruik

geen samenvatting (no abstract)

◀ Hans Hagen ▶

MAPS 12 1994

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Data publishing

This paper demonstrates how commercial software and L^AT_EX can work together in data publishing.

◀ databases ▶
spreadsheet
◀ tables ▶

◀ Siep Kroonenberg ▶

MAPS 12 1994

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Table design

A critical look at table typesetting as practiced by L^AT_EX users, with before-and-after examples.

tables design
rules
whitespace
◀ fonts ▶
◀ alignment ▶
justification

◀ Siep Kroonenberg ▶

MAPS 12 1994

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BLUe's Transparencies

T_EX macros for formatting transparencies are provided. The macros have been designed with reusability of earlier formatted document parts in mind, with a wink to maintenance of the transparency set.

foils

◀ formatting ▶

◀ generic style ▶

◀ slides ▶

◀ transparencies ▶

◀ Kees van der Laan ▶

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BLUe's Bibliography

In addition to the earlier method of maintaining a database in T_EX, it is shown how to load the entries selectively, without modifying the entries of the database.

◀ literature ... ▶

◀ bibliography ▶

◀ plain T_EX ▶

◀ Kees van der Laan ▶

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BLUe's Verbatim

A suite of macros for verbatim mode is provided, which are simple, concise and flexible. The functionalities are: verbatim text, and file verbatim inclusion, with 'options' for numbering and enabling of metacode. Options can be supplied via the toks variable `\thisverbatim`, and globally via `\everyverbatim`. The place within ConT_EXt can be handled via the defs `\preverbatim` and `\postverbatim`. The macros are ConT_EXt independent and can be used at the inner level with AnyT_EX.

[escape character](#)
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[semi-transparent](#)
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[◀ Kees van der Laan ▶](#)

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TUGboat BLUes

The significance of TUGboat for the $\text{T}_{\text{E}}\text{X}$ community at large is praised. (l)tugboat.sty, tugboat.cmn and the TUG authors' guide are discussed, next to their siblings (l)tugproc.sty and the option euro $\text{T}_{\text{E}}\text{X}$.sty. Article templates for the various 'styles as is' are provided. Independent and in addition to these I included customing files. Also included is my concrete proposal for a tug.ppt style-for preprints of tugboat.sty, and tugproc.sty, in the spirit of ams.ppt. Furthermore, a new and simple alternative to the handling of options for $\text{T}_{\text{E}}\text{X}$ is proposed, based on the toks variable `\this<foo>`, analogous to `\every<foo>`. This is applied to handling verbatims, with as a result a compact suite of verbatim macros to be used with Any $\text{T}_{\text{E}}\text{X}$.

[block comment](#)

[◀ computer-assisted ... ▶](#)

[◀ Euro \$\text{T}_{\text{E}}\text{X}\$ ▶](#)

[◀ \$\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}\$ ▶](#)

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Book review: 'Practical SGML' & 'Math into T_EX'

Two new books are discussed: 'Practical SGML' from Eric Herwijnen, and 'math into T_EX, a simple introduction to AMS-L^AT_EX' from George Grätzer.

[◀ book review ▶](#)

[◀ SGML ▶](#)

[◀ Nico Poppelier ▶](#)

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The T_EX Hierarchy

For the UNIX operating system, a list of characterizations exists describing what constitutes a novice, a user, a guru, ... Here we give a similar list for users of T_EX. The reader is kindly asked to take this purely in a humorous vein.

◀ Donald Arseneau ▶
Raymond Chen
◀ Victor Eijkhout ▶

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Obtaining T_EX

The UKT_EX Archive (Internet ‘Daughter’ archive) on ftp.T_EX.ac.uk is part of a collaborating network of archives organised by the T_EX Users Group known as CTAN (Comprehensive T_EX Archive Network). The three main archives now follow the same structure and have identical files (ftp.T_EX.ac.uk, ftp.shsu.edu and ftp.uni-stuttgart.de).

[◀CTAN▶](#)

[◀FTP▶](#)

[◀archives▶](#)

[◀Sebastian Rahtz▶](#)

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L^AT_EX2e – Second Test Release

The second test release of L^AT_EX is now available. Notes about this release are at the end of this announcement. The first release revealed a few serious bugs and several other areas which need attention. Many people reported that documents and style files had been processed by the new system without serious problems; this includes one very important test – the original text of ‘The L^AT_EX Manual’! We can also report that this release has been tested with all the files in the L^AT_EX 2.09 test suite and produces only predictable differences in the output.

Leslie Lamport

◀ L^AT_EX3 project ... ▶

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Literate Programming Frequently Asked Questions

This document is for new and experienced users of literate programming tools. The purpose is to explain the concept of literate programming and to provide a resource for locating files of interest to literate programmers and those interested in literate programming.

David Thomas

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Report BachoT_EX'94

Education was about:

- survey of T_EX,
- Polish typographical tradition,
- L^AT_EX2e,
- LaMeX2e,
- Indexing and bibliography making,
- dvips use and so on,
- fonts with T_EX and PostScript,
- METAFONT.

The contributions to the conference were about:

- emerging GUST archive,
- L^AT_EX and Polish,
- AmS^LA_TE_X.

Phil Taylor had the stage when talking in full colour about book design. Kees van der Laan talked about Manmac, and his BLUe system.

◀ BachoT_EX ▶

trip report

◀ music ▶

book design

BLUe introduction

◀ Kees van der Laan ▶

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Report N_TE_X'94

The meeting of the Nordic countries was attended. Few people did show up because of the distance. Issues at stake were:

- hyphenation patterns for Norwegian,
- how to create your own documentsstyle,
- TUGboat blues.

◀ Kees van der Laan ▶

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Announcement TUG '94

Announcement of TUG '94 conference.

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[◀ Santa Barbara ▶](#)

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Announcement EuroT_EX'94

Announcement of EuroT_EX'94 conference.

◀ EuroT_EX ▶
◀ conference ▶
◀ announcement ▶
◀ Gdansk ▶

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Announcement 4allT_EX CD-ROM

Announcement of NTG's 4allT_EX cd-rom

◀ announcement ▶

◀ 4T_EX ▶

◀ 4allT_EX ▶

◀ CDROM ▶

◀ Erik Frambach ▶

◀ Wietse Dol ▶

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Cursusaankondiging 4T_EX

Aankondiging 4T_EX cursus

◀ courses ▶

◀ 4T_EX ▶

◀ Erik Frambach ▶

◀ Wietse Dol ▶

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MAPS 13 1994

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Van de Voorzitter (1994/2)

Van uw MAPS Editor (1994/2)

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Document Classes and Packages for L \AA \TeX 2e

How to make your own document style in L \AA \TeX 2e

A Guide to use Macros and Style Files in L \AA \TeX

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Een proefschrift zonder knippen en plakken

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(A)DraT_EX, a package for doing (portable) graphics in T_EX

Plaatjes in een tekst

PPCHT_EX: Chemische Structuurformules in T_EX

Een meertalige interface naar T_EX

Sub- en Superscripts in Chemische Formules

MIDI2T_EX, een MusicT_EX tool

BLUe’s Format

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Opening 13e NTG bijeenkomst 9 juni 1994; Verslag NTG bijeenkomst van 18 november 1993; Ingekomen stukken en Mededelingen; NTG ledenvergadering; Verslag werkgroepen; Rondvraag en Sluiting; Voordrachten: 'T_EX en Educatie'; Volgende bijeenkomsten; Sluiting

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[◀ members meeting ▶](#)

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Van de Voorzitter (1994/2)

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◀ chairman ▶

◀ Johannes Braams ▶

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◀Gerard van Nes▶

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NTG's Listserver T_EX-NL

Overzicht gebruikers listserver.

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◀ TEX-NL ▶

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Goossens at TUG '94

geen samenvatting (no abstract)

◀ TUG conference ▶

◀ Santa Barbara ▶

◀ Michel Goossens ▶

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Report CyrTUG '94

A magnificent trip to get to know the CyrTUG and its chapters better. Not only Moscow, but also Kazan and St-Petersburg. The driving force is hosted at MIR. The cooperation of the JINR at Dubna and CyrTUG is bound to become beneficial. As usual there were courses around the conference. Issues discussed during the conference:

- L^AT_EX developments,
- Use of colours,
- L^AT_EX and PostScript,
- UNIX platforms next to DOS,
- Various user reports,
- BLUE's set of macros on top of manmac.

◀CyrTUG▶

◀Dubna▶

◀PostScript▶

◀L^AT_EX2e▶

◀Kees van der Laan▶

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Goossens at EuroT_EX'94 in Gdansk

Report of EuroT_EX'94 conference in Gdansk.

◀ EuroT_EX ▶
◀ conference ▶
◀ Gdansk ▶

◀ Michel Goossens ▶

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FGBBS: de kastelein

De komst van de 4allT_EX CD-ROMs heeft de afgelopen maanden voor veel nieuws gezorgd, ook op FGBBS. Het NTG schonk FGBBS een CD-ROM drive, waarop de 4allT_EX werd geplaatst. Inmiddels is de tweede editie 4allT_EX gearriveerd, en deze is in zijn geheel beschikbaar via het bulletin board systeem.

◀ FGBBS ▶

◀ bulletin board ▶

◀ Fidonet ▶

FrontDoor

◀ internet ▶

◀ 4allT_EX ▶

◀ CDROM ▶

◀ Frans Goddijn ▶

◀ Henk de Haan ▶

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General information 4allT_EX CD-ROM

The most important items concerning the 4allT_EX CD-ROM.

◀4T_EX▶
◀4allT_EX▶
◀CDROM▶

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4allT_EX, the ultimate T_EX-resource

In het Nederlandse maandblad 'Personal Computer Magazine' verscheen in het oktober nummer de hier beschreven recensie van L^AT_EX/T_EX en de onlangs verschenen 4allT_EX CD-ROM.

◀ 4allT_EX ▶

◀ review ▶

Hans Pajmans

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The NTG 4allT_EX CD-ROM on the Macintosh

geen samenvatting (no abstract)

◀ Hans Renkema ▶

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Makefont: a new 4T_EX utility

The second release of the 4allT_EX CD-ROM comes with 4T_EX 3.25. This version of 4T_EX has a new utility that is not described in the manual. In this note I will explain the use of this extra feature: Makefont. With the makefont utility it becomes easy to include whatever PostScript font you need into your (La)T_EX documents. If you have a complete font family of PostScript fonts you can also decide to develop your own style file and use this as your default font family (instead of the CMR family).

◀ Wietse Dol ▶

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T_EX zonder omhaal; voor Atari ST en andere PC's (V)

T_EX kan niet alleen instructies uitvoeren maar ook vragen. Het resultaat hangt dan af van de antwoorden van de gebruiker: interactie. Als voorbeeld maken we een brief waarbij de gebruiker (die niets van T_EX hoeft te weten) nog de afzender en de geadresseerde kan aangeven. En ... T_EX doet niet moeilijk over Poolse accenten. Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

◀ Robert Best ▶

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\TeX zonder omhaal; voor Atari ST en andere PC's (VI)

METAFONT is een programma waarmee het mogelijk is om via wiskundig beschreven curves en oppervlakken lettertypes of andere symbolen te ontwerpen. Deze kunnen gebruikt worden in het zetprogramma \TeX . Dit artikel gaat niet in op het werkelijke ontwerp-proces en zelfs nauwelijks op de faciliteiten die METAFONT hiertoe biedt, maar op de vraag hoe METAFONT functioneert in de Atari-omgeving, gebaseerd op het Public Domain pakket van Christoph Strunk. Kortom: hoe kun je aan het werk met METAFONT? Deze cursus is een herdruk van een serie artikelen uit het blad ST, uitgegeven door Stichting ST. Daar zijn de in de tekst genoemde schijfjes te verkrijgen.

Rens Swart

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NT_EX 1.2

geen samenvatting (no abstract)

Frank Langbein

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BLUe blood in math mode?

Some time ago I started work on a book (a collection of letters written by one of the most renowned Dutch publishers, Johan Polak) and at the time I was typesetting it in the Palatino font. Then I heard that the creator of Palatino, the world famous Hermann Zapf, has worked with Donald Knuth. What did they do, I wondered? Is \TeX more famous than we think it is? Did the fingers of both geniuses touch in the creation of our Math fonts? The replies to my queries in TYPO-L were promising. You decide.

Palatino

Johan Polak

Donald Knuth

Hermann Zapf

◀ math fonts ▶

TYPO-L

◀ typography ▶

◀ Frans Goddijn ▶

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CijferBLUes: Verborgen schoonheid in L^AT_EX 2.09

Een toevallige samenloop van omstandigheden brengt een even verbluffend mooie als oeroude optie van T_EX aan het licht, die tot dusverre door bijna iedereen over het hoofd is gezien. Prachtige ‘hangende cijfers’ zijn in de standaard Computer Modern fonts al sinds jaar en dag beschikbaar, als *math italic*.

◀oldstyle▶
◀mediaeval▶
◀digits▶
◀numbers▶

◀Frans Goddijn▶

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The new L^AT_EX: L^AT_EX2_ε

The L^AT_EX3 project team is pleased to announce the release of the new standard version of L^AT_EX. It is upwardly compatible with existing L^AT_EX documents, and contains new features including the long-awaited graphics extensions.

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Document Classes and Packages for L^AT_EX2e

In the first section of this article I describe what document classes and packages are and how they relate to L^AT_EX 2.09's style files. Then the process of upgrading existing style files for use with L^AT_EX2e is described. Finally I give an overview of the standard packages and document classes that are part of the distribution of L^AT_EX2e.

◀Johannes Braams▶

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How to make your own document style in L^AT_EX2_ε

The new L^AT_EX2_ε makes it very easy to create new document classes. This paper describes how to use the new features of L^AT_EX2_ε. The class 'lecnotes' - a document class suitable for lecture notes - is used as an example.

◀ L^AT_EX2_ε ▶

[document ...](#)

[document ...](#)

[lecture notes](#)

◀ Dag Langmyhr ▶

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A Guide to use Macros and Style Files in L^AT_EX

People may not need to read this article any more if L^AT_EX2e has been completed. But since this is somehow transient period from L^AT_EX v.2.09 to a new one, this kind of documents may be useful for those who are making documents every day and night. This is a concise guide for these people. Authors are hoping this may become a help to many users of L^AT_EX.

◀ L^AT_EX2.09 ▶
optional style files

Tetsuo Iwakumay
Tetsuo Furukawa

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Een proefschrift zonder knippen en plakken

L^AT_EX wordt voor veel verschillende soorten drukwerk gebruikt. In dit artikel wordt het vormgeven van een proefschrift met behulp van L^AT_EX2e beschreven. Hierbij spelen de persoonlijke voorkeuren van de auteur een belangrijke rol, zonder dat daarbij de krachtige mogelijkheden van L^AT_EX onbenut blijven.

◀ Henk de Haan ▶

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T_EX: buitengewoon goed tekstverwerken

In bepaalde kringen is het tekstverwerkingsprogramma (of beter: het zetsysteem) T_EX bijzonder populair. Het programma is vrij verkrijgbaar bij Bulletin Boards en bestaat ook in een versie voor de Mac. Hans Renkema is een enthousiaste T_EX Macintosh gebruiker. In dit artikel geeft hij een beschrijving van T_EX.

◀ Hans Renkema ▶

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T_EX en SGML bij Elsevier Science

Dit artikel beschrijft enkele aspecten van Elsevier Science's electronic publishing programma. Alle tijdschriften in de Physics en Mathematics uitgeefprogramma's accepteren L^AT_EX files van auteurs en gebruiken die voor publikatie. De dvi files gebruiken PostScript fonts die gekombineerd zijn in in-huis ontwikkelde virtuele fonts. In andere wetenschappelijke disciplines worden auteurs files van een breed scala aan tekstverwerkings programmas geaccepteerd en gebruikt voor publikatie. In zijn toekomstige electronic publishing strategie kent Elsevier Science een centrale rol toe aan SGML. Alle binnenkomende artikelen zullen uniform gestructureerd worden met gebruik van SGML. Alle benodigde publikatietypen zullen uit deze ene bron worden gegenereerd. T_EX is een uitstekende formatter voor sommige van deze publikatietypen.

◀ Elsevier ▶
◀ electronic ... ▶
◀ L^AT_EX ▶
◀ SGML ▶

◀ Simon Pepping ▶

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Real life book production – lessons learned from ‘The L^AT_EX Companion’

Some aspects of the production of The L^AT_EX Companion are described.

◀ Michel Goossens ▶

◀ Frank Mittelbach ▶

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Headers and footers in L^AT_EX

Standard L^AT_EX offers the page styles empty, plain, headings and myheadings. For simple page layouts these suffice, but they are rather rigid. A more flexible page layout may be obtained by using the FANCYHEADINGS package. This article describes how to create advanced page headers and footers in L^AT_EX documents by using this package. Some of the techniques described are also applicable with other page styles.

◀Piet van Oostrum▶

MAPS 13 1994

p 127-135  96 kB

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METAFONT als matrixprinter

Een verslagje van een stoeipartij met METAFONT, waarbij METAFONT wordt ‘misbruikt’ als matrixprinter. Door alleen de vorm van de ‘printnaalden’ te definiëren, en een beperkt aantal plaatsen waar ze neer mogen komen, kun je heel snel een font in elkaar zetten.

◀ METAFONT ▶

◀ Phons Bloemen ▶

MAPS 13 1994

p 136-138  114 kB

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PostScript fonts in T_EX

A guide through the jungle of installing and using PostScript and other types of fonts in T_EX. The installation of the font is discussed, and it is shown how to use the fonts in an automatic font generation scheme.

◀ PostScript fonts ▶
automated ...
font installation

◀ Phons Bloemen ▶

MAPS 13 1994

p 139-148  **131 kB**

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(Al)DraT_EX, a package for doing (portable) graphics in T_EX

Eitan Gurari's graphics package for (La)T_EX is discussed.

◀ graphics ▶

◀ T_EX ▶

◀ L^AT_EX ▶

DraT_EX

◀ Jos Winnink ▶

MAPS 13 1994

p 149-152  148 kB

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Plaatjes in een tekst

In deze artikel wordt eerst aandacht besteed aan de (beperkte) mogelijkheden die L^AT_EX zelf biedt voor het maken van plaatjes. Soms zijn die voldoende, en dan is het wel zo gemakkelijk om die te gebruiken. Daarna wordt de rol van PostScript besproken bij het gebruik van plaatjes, al of niet in combinatie met L^AT_EX. Vervolgens wordt een vijftal tekenprogramma's besproken waarmee interactief ingewikkeldere figuren gemaakt kunnen worden. Tenslotte wordt aangegeven hoe 'bitmaps' (letterlijke afbeeldingen van het scherm van een computer) als plaatje behandeld kunnen worden. Dit laatste is vooral van belang bij het schrijven van handleidingen voor programma's.

Jeroen Fokke

◀Piet van Oostrum▶

MAPS 13 1994

p 153-166  495 kB

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PPCH_TE_X: Chemische Structuurformules in T_EX

In dit artikel wordt een macropakket beschreven waarmee chemische (structuur)formules kunnen worden gezet. Dit pakket is te gebruiken bovenop Plain T_EX, L^AT_EX en andere pakketten. Het pakket is in eerste instantie ontwikkeld bovenop ConT_EXt.

This article is about a package for typesetting chemical formulas. The package has a multi-lingual interface. This means that all all commands and keywords can be toggled to English. Some day, this article and the manual will be translated in English too.

ConT_EXt chemics

◀PPCH_TE_X▶

◀chemical formulas▶

◀structure ...▶

◀Hans Hagen▶

◀Ton Otten▶

MAPS 13 1994

p 167-177  201 kB

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Een meertalige interface naar T_EX

Macropakketten voor T_EX zijn vrijwel altijd Engelstalig. In dit artikel wordt een meertalige interface beschreven, zoals die is toegepast in PPCHT_EX, een pakket dat kan worden gebruikt om chemische structuurformules te zetten.

[◀ interface ▶](#)
[◀ user interface ▶](#)
[multilingual ...](#)
[ConT_EXt interface](#)

[◀ Hans Hagen ▶](#)

MAPS 13 1994

[p 178-182](#)  [61 kB](#)

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Sub- en Superscripts in Chemische Formules

In dit (korte) artikel wordt een mechanisme beschreven om subscript op een lijn te krijgen. Dit is nodig omdat de positie van een subscript mede bepaald wordt door de hoogte en diepte van een eventueel aanwezig superscript.

superscript ...
subscript ...
◀PPCH_TE_X▶
font dimensions

◀Hans Hagen▶

MAPS 13 1994

p 183  31 kB

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MIDI2 $\text{T}_{\text{E}}\text{X}$, een Music $\text{T}_{\text{E}}\text{X}$ tool

geen samenvatting (no abstract)

Hans Kuykens

MAPS 13 1994

p 184-188  **81 kB**

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BLUe's Format

An independent format - `blue.fmt` - is proposed to assist authors with creating, formatting, exchanging and maintaining compuscripts during the lifephases of publications. The format builds upon `manmac.TEX` and the functionalities provided by `tugboat.sty`. Experience gained by publishers has been picked up too, because of my in-depth study of the activities of AMS with respect to `TEX` formatting. More recent work of Knuth and co-authors has been borrowed from `gkpmac.TEX`. The design goal was to provide a format which suits me, which is easy to customize - to the world outside, and in general to changing circumstances - and which complies with the adages of software engineering. Another aim of `blue.fmt` is that it can be used throughout the lifecycle of publications on modest equipment to format articles, transparencies and you name it. The hoped for lifety is a lifetime. En-passant the design process is accounted for. New is the handling of a database of references - with cross-referencing - or pictures all in one-pass job.

active documents
◀ design ▶
◀ documentation ▶
◀ error handling ▶
◀ floats ▶
◀ format ▶
inner versus ...
inserts
lifephases ...
markup language
◀ plain T_EX ▶
scripts
◀ software ... ▶
◀ reusable ... ▶
◀ style ▶
◀ transparencies ▶

◀ Kees van der Laan ▶

MAPS 13 1994

p 189-199  137 kB

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BLUe's Graphs

Graphics facilities for plain T_EX have been collected from The T_EXbook, manmac and gkpmac, as part of blue.fmt. The gkpmac picture macros are handy and provide a subset of L^AT_EX's functionality. A database of pictures is proposed. No interaction with METAFONT (or) nor the incorporation of encapsulated PostScript have been treated.

◀ circle ▶
curve

◀ databases ▶

◀ disks ▶

◀ graphics ▶

◀ format ▶

lines

◀ pictures ▶

◀ plain T_EX ▶

◀ reusable ... ▶

◀ selective loading ▶

◀ software ... ▶

splines

vectors

◀ Kees van der Laan ▶

MAPS 13 1994

p 200-206  82 kB

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BLUe's Cross-referencing

A one-pass semi-automatic cross-referencing scheme for math is proposed, which requires some hand adjustments when forward references are used. The method is just a little beyond manmac's approach, to assist BLUe.

◀ compatible ... ▶
cross-referencing
graph referencing
math referencing
◀ optional ... ▶
◀ plain T_EX ▶
symbolic names
tables referencing

◀ Kees van der Laan ▶

MAPS 13 1994

p 207-209  58 kB

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Paradigms: Plain's \item-s extended

The design and coding of items for BLUe's format is explained. The treated items - bulleted, (automatically) numbered or alphabetized - are a compatible extension to plain's \item. Pitfalls in use are mentioned.

◀ BLUe format ▶
items

◀ plain T_EX ▶

◀ Kees van der Laan ▶

MAPS 13 1994

p 210-211  24 kB

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Paradigms: Headache?

The design of headings for BLUe's format is explained, starting from the basic and general two-part macros up to the full-blown blue((sub)sub)head versions.

◀ BLUe format ▶
headings
◀ plain T_EX ▶

◀ Kees van der Laan ▶

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BLUe's Typesetting of PASCAL

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Reisverslag Bacho \TeX '95

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[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Frans Goddijn ▶](#)

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◀ chairman ▶

◀ Johannes Braams ▶

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◀ Gerard van Nes ▶

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Concept begroting 1995

geen samenvatting (no abstract)

◀ budget ▶

◀ Wietse Dol ▶

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Financieel verslag NTG 1994

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◀ financial report ▶

◀ Wietse Dol ▶

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Jaarverslag NTG 1994

geen samenvatting (no abstract)

◀ report NTG ▶

◀ Gerard van Nes ▶

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From the TUG President

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◀ Christina Thiele ▶

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Op FGBBS vaart alles wel

FGBBS kreeg weer de nodige uitbreidingen, waarvan een sneller modem het meest merkbaar is.

◀ FGBBS ▶

◀ bulletin board ▶

statistics

◀ 4allT_EX ▶

◀ OS/2 ▶

◀ Frans Goddijn ▶

MAPS 14 1995

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T_EX-NL discussielijst

Overzicht gebruikers listserver.

◀ listserver ▶

◀ TEX-NL ▶

◀ Jules van Weerden ▶

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De NTG op het World Wide Web

Het internet is een van de meest snel groeiende elektronische media. Dit is mede te danken aan het zogenaamde World Wide Web (WWW). In dit artikel wordt ingegaan op de functie van het World Wide Web, het gebruikte tekstformaat (HTML) en de mogelijkheden die het voor de NTG kan hebben. Er wordt ingegaan op de huidige (experimentele) service en er worden een aantal mogelijke nieuwe toepassingen vermeld.

◀ NTG ▶
◀ internet ▶
◀ WWW ▶
◀ WWW ▶

◀ Henk de Haan ▶

MAPS 14 1995

p 22-23  70 kB

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General information 3rd edition of the 4allT_EX CD-ROM

geen samenvatting (no abstract)

MAPS 14 1995

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Some Announcements from Usenet

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◀ Gerard van Nes ▶

MAPS 14 1995

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Announcement from the L^AT_EX3 Project Team

We are pleased to present the final report on 'Math Font Encoding' produced by Justin Ziegler for the L^AT_EX3 project.

◀ Frank Mittelbach ▶

MAPS 14 1995

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Diplomatic edition of a medieval Icelandic manuscript

geen samenvatting (no abstract)

Andrea de ...

MAPS 14 1995

p 31-34  278 kB

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Het digitaal produceren van een proefschrift

Het digitaal produceren van een proefschrift beschrijft hoe een proefschrift, in L^AT_EX gemaakt, als PostScript-file via het modem naar de drukker gestuurd kan worden om vervolgens op een Docutech systeem (600 dpi) gedrukt te worden.

◀ thesis ▶

Docutech

◀ 4allT_EX ▶

Ed Boets

MAPS 14 1995

p 35-36  27 kB

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METAFONT's mode_def in action

In order to obtain maximum output quality when using METAFONT for rendering bitmapped fonts you need to specify the characteristics of the intended output device. This is done by defining a mode_def in which several variables are assigned. The meaning and effect of these variables are discussed in a case study of two types of laser printers.

◀ METAFONT ▶
mode_def
bitmapped fonts

◀ Erik Frambach ▶

MAPS 14 1995

p 37-39  57 kB

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Combining T_EX and PostScript

PostScript is becoming a de facto standard as a device independent page description language. By embedding PostScript elements in T_EX we can extend the use of T_EX to new areas of application. In the first part of the paper we give some general information about PostScript and its features. In the rest of the paper we present some of our own experiences and solutions in combining T_EX and PostScript:

- dictionaries, prolog files and how to save a lot of space with PostScript figures produced in CorelDRAW, Mathematica, ...;
- writing T_EX-PostScript macros, case: drawing graphs (combinatorics) in T_EX; PostScript error handling mechanism, an application in function graph drawing macro.

◀ PostScript ▶
inclusion of ...
dictionaries
◀ error handling ▶

Vladimir Batagelj

MAPS 14 1995

p 40-46  132 kB

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Portable Documents: Why Use SGML?

In this article we present a few ideas as a framework for the discussion of portable documents. We address a number of questions:

- What are portable documents?
- Who needs them, and why?
- How to produce them, now and in the future.

David Barron

MAPS 14 1995

p 47-48  24 kB

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Formatting SGML Manuscripts

This article is about typography, SGML, T_EX, and SIMSIM, which is a new T_EX macro package. Close by are copies of several of the OHP transparencies. They were typeset directly from an SGML document instance using SIMSIM.

Jonathan Fine

MAPS 14 1995

p 49-52  90 kB

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SGML and L^AT_EX

SGML - Standard Generalized Markup Language - is a formal language to describe structured text documents. It should be introduced here by comparison to T_EX and L^AT_EX.

Horst Szillat

MAPS 14 1995

p 53-55  38 kB

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HTML & T_EX: Making them sweat

HTML is often criticised for its presentation-oriented conception. But it does contain sufficient structural information for many everyday purposes and this has led to its development into a more stable form. Future platforms for the World Wide Web may support other applications of SGML, and the present climate of popularity of the Web is a suitable opportunity for consolidation of the more stable features. T_EX is pre-eminently stable and provides an ideal companion for the process of translating HTML into print.

Peter Flynn

MAPS 14 1995

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The Inside Story of Life at Wiley with SGML, L^AT_EX and Acrobat

geen samenvatting (no abstract)

Geeti Granger

MAPS 14 1995

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Theory into Practice: working with SGML, PDF and L^AT_EX at Elsevier Science

geen samenvatting (no abstract)

Martin Key

MAPS 14 1995

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L^AT_EX2HTML Update'95

A new version of L^AT_EX2HTML (version 95.1) is available since January 1995. This article outlines some of the main changes.

◀ Nikos Drakos ▶

MAPS 14 1995

p 67-68  33 kB

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L^AT_EX2HTML ervaringen; Van Handleiding in L^AT_EX tot Hulp Module op Internet

Welkom op de digitale snelweg! Steeds meer informatie wordt er aangeboden op het Internet, en met het uitgroeien van het Internet groeit de onoverzichtelijkheid. In dit artikel wordt een toepassing van L^AT_EX2HTML beschreven waarbij een L^AT_EX document wordt omgezet naar een reeks goed gestructueerde pagina's op het World-Wide Web. Deze toepassing betreft een document die een handleiding is voor Internet-gebruikers (voornamelijk voor medewerkers van Laboratoriumvoor Analytische Chemie, KUN, Nijmegen). Er worden wat voordelen en voorbeelden van het L^AT_EX2HTML gebruik gegeven en hoe je het programma kunt aanpassen naar je eigen wensen. Bekijk de L^AT_EX documenten ook eens op deze moderne manier en blader eens met de muis door je tekst, getransformeerd tot een digitaal wonder op je scherm. Oftewel: L^AT_EX2HTML2!

Arno Kemperman

MAPS 14 1995

p 69-73  117 kB

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Electronic Publication and Data Distribution for the Five College Astronomy Department

The Star Formation Group at FCAD has begun to make use of the World Wide Web to explore the advantages of hypermedia presentations for the distribution of preprints, Ph. D. theses and observatory publications. As a byproduct of this work, a method for displaying subscripts and superscripts has been developed. This set of bitmaps is publically available.

[◀electronic ...▶](#)
[◀thesis▶](#)
[◀WWW▶](#)
[◀preprints▶](#)
data distribution

Karen Strom

MAPS 14 1995

p 74-76  **74 kB**

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A World Wide Web Interface to CTAN

There are a lot of different software packages, style files, fonts, etc. in the CTAN archives. Finding the things you need in a timely fashion can be difficult, as I found out while writing Making T_EX Work. The ability to combine descriptions of packages with the directory listings from CTAN could help alleviate some of the difficulty. HTML, the document structuring language of the World Wide Web, provides one possible means of combining different views of the archive into a single vision. The CTAN-Web project is my attempt to provide this vision.

◀ Norman Walsh ▶

MAPS 14 1995

p 77-82  204 kB

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An Introduction to Hyper $\text{T}_{\text{E}}\text{X}$

The popularity of the World-Wide-Web and the HTML hypertext language for electronic distribution of information over the internet has thus far been difficult to extend to scientific documents, in part because $\text{T}_{\text{E}}\text{X}$, the word processing language of choice for technical and mathematical documents, does not have the hypertext capabilities necessary for full integration into the WWW. Hyper $\text{T}_{\text{E}}\text{X}$ consists of a collection of extensions of $\text{T}_{\text{E}}\text{X}$ to handle both internal and external (local or networked) hypertext, thus allowing the huge body of $\text{T}_{\text{E}}\text{X}$ -based documents to be more fully integrated with the WWW. This introduction was originally prepared for the American Physical Society e-print meeting at Los Alamos, New Mexico, Oct. 15, 1994.

◀ hyper $\text{T}_{\text{E}}\text{X}$ ▶
hyperlink
xhdvi
◀ HTML ▶
◀ \special ▶

Arthur Smith

MAPS 14 1995

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The HyperL^AT_EX Markup Language

HyperL^AT_EX is a little package that allows you to use L^AT_EX to prepare documents in HTML (the hypertext markup language used by the World Wide Web), and, at the same time, to produce a fine printed document from your input. You can use all of L^AT_EX's power for the printed output, and you don't have to learn a new language for creating hypertext documents.

◀ L^AT_EX ▶

◀ HTML ▶

◀ conversion ▶

◀ L^AT_EX ▶

◀ WWW ▶

emacs lisp

Otfried ...

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HTML -> L^AT_EX -> PDF, of de intrede van T_EX in het hypertext tijdperk

Wij beschrijven hier het productieproces van elektronische hyper-documenten met behulp van L^AT_EX en Adobe Acrobat. Na een algemene beschrijving van de voor- en nadelen van L^AT_EX terzake geven we een omschrijving van elke stap, alsook van zekere te nemen voorzorgen met als doel efficiënte Acrobat documenten te bekomen. De lezer zal in dit artikel een beschrijving vinden van de software tools DVIPS repere en rectirt, en eveneens de basisprincipes van het formaat PDF. Vertaald door Philippe Vanoverbeke.

◀ Acrobat ▶
DVIHPS
◀ PDF ▶
repere
rectirt

◀ Yannis ... ▶

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Adobe Acrobat 2.0; Beyond the bounds op paper

geen samenvatting (no abstract)

◀ Wiegert Tierie ▶

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Conversion from WORD/WordPerfect to L^AT_EX

Production of a large document with many contributors may require conversion of all submitted manuscripts into the same format, for example L^AT_EX. A large proportion of manuscripts are submitted in the formats of WORD and WordPerfect, two very popular word processing programs. I will discuss different approaches converting such files to L^AT_EX format. First of all the differences between the word processors MS-WORD and WordPerfect versus the document preparation system L^AT_EX will be explained, and problems encountered during text conversion into L^AT_EX will be discussed. The conversion can be done either by means of a separate program (external conversion) or using macros, style sheets and a printer driver from within the word processors (internal conversion). Advantages and disadvantages of both methods for different types of text elements such as plain text, lists, tables and mathematical formulas will be discussed. This is followed by an overview of the conversion programs currently available.

◀ conversion ▶
MS-WORD
WinWord
◀ WordPerfect ▶
RTF

Marion Neubauer

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T_EXtures: zo goed als gezegd wordt?

geen samenvatting (no abstract)

◀ Hans Renkema ▶

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Scientific Word / Workplace 2.0.1; Whats new?

Scientific Word version 1.x from TCI Software Research has gotten improvements and an offspring. The improvements are not only better support for different L^AT_EX styles and dialects but also more user conveniences and better stability. The offspring is Scientific Workplace, a similar Windows software package under Windows 3.1. But besides all the Scientific Word functions it also has a built-in Maple Version V interface and many Maple symbolic calculation functions. Not to forget that version 2.0.1. works fine under OS/2 Warp with all its speed and data exchange advantages.

◀Scientific Word▶

◀WYSIWYG▶

◀Windows▶

◀OS2WIN▶

◀Jan Krugers▶

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Scientific WorkPlace; een eerste indruk

Het pakket SCIENTIFIC WORKPLACE. versie 2.0(SWP), vroeger Scientific Word, is een uitgebreide versie van een 'WhatYouSeeIsWhatYouGet' tekstverwerker gebaseerd op L^AT_EX2e en werkend onder Microsoft Windows. De uitbreiding bestaat uit een deel van een 'Computer Algebra' pakket, de kernel van Maple. Verder is er een programma om toetsen samen te stellen, uit databestanden met opgaven. Deze voorlopige test van versie 2.0 is uitgevoerd op een IBM compatibele PC, met een 486 processor en 8MB intern geheugen, door een persoon met L^AT_EX 2.09 en Maple ervaring, maar zonder kennis van MSWindows ('waar is dat nou voor nodig...') of SCIENTIFIC WORKPLACE. Voor het installeren en testen zijn twee volle dagen gebruikt. Dit verslag geeft vanzelfsprekend slechts een eerste indruk van het pakket.

◀ Cees Fortuin ▶

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Kleurgebruik in TABLE

Dit artikel beschrijft enkele macro's die het mogelijk maken binnen TABLE cellen van een tabel van een achtergrondkleur of raster te voorzien. We beperken ons tot een wat technische beschrijving en gaan voorbij aan de esthetische kant van de zaak.

`\TaBlE`
color tables
tables color
ConT_EXt tables

◀ Hans Hagen ▶

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\TeX -verwerking in kleur

Vooraf beginnende \TeX -gebruikers ervaren de mix van commando's en tekst als verwarrend. Mede om die reden hebben wij zo'n vier jaar geleden onze tekstverwerker afgestemd op het gebruik van \TeX , door \TeX -commando's op een wat afwijkende manier weer te geven. Het blijkt dat, afgezien van aanvullende mogelijkheden om de syntax te controleren, het aantal fouten in commando's drastisch afneemt.

◀ \TeX visualizing
editing ...
color \TeX ...

◀ Hans Hagen ▶

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Een zwart-wit kijk op kleur

Wie tegenwoordig op een zwart-wit tv-toestel een uitzending volgt zal zich vaak tevreden moeten stellen met een weinig contrastrijk beeld. Na de introductie van de kleuren-tv is nog lang rekening gehouden met zwart-witkijkers. De keus van kleuren in decors werd mede afgestemd op de weergave in zwart-wit. Dit is niet verwonderlijk, omdat de zwart-witkijkers een ruime meerderheid vormden. Op papier lijkt zich een dergelijke ontwikkeling af te spelen. Voor kleurenprinters geschikte illustraties, kunnen op zwart-wit printers een matig beeld opleveren. Het is dan ook de vraag hoe we aan de 'wensen' van de overgrote meerderheid van zwart-wit printers tegemoet kunnen komen.

color gray ...
color gray ...
color ...
ConT_EXt color ...

◀ Hans Hagen ▶
Johan Jonker

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Genezen van WPosis – nu heb ik chronische T_EXitis...

Bij het vormgeven van een voorstel voor reglementen overschreed een verstokte WordPerfect-gebruiker de grenzen van zijn geliefde tekstverwerker. Frans Goddijn hielp hem aan de T_EX. In dit artikel geeft een nieuwe T_EX-gebruiker een globale indruk van zijn laatste ervaringen met WordPerfect en zijn eerste ervaringen met T_EX. Hij doet dit aan de hand van het werk aan een document waarin het mogelijk moest zijn om vele typografische middelen onafhankelijk van elkaar te gebruiken om verschillende soorten passages aan te duiden. Dit bleek in T_EX goed te realiseren, zij het met veel inspanning, en het resultaat was zeer bevredigend. Toen het eerste document eenmaal gereed was, bleek het bovendien daarna zeer eenvoudig om soortgelijke documenten te zetten.

◀ Herman Haverkort ▶

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HH Gets Carried Away; hhmuf, hhflxbox and hhcount

This article presents hhmuf's multinotes: special cheery footnotes to be used in special situations, including so-called 'forbidden environments'. Then it presents hhflxbox's self-scaling frames: encircling macros are provided but you can define enwhatevering macros yourself by means of the macros provided by hhflxbox. Finally hhcount is presented: macros to handle simple and composite counters in a fancy way.

[◀circle▶](#)
[counter](#)
[dice](#)
[footnote](#)
[forbidden ...](#)
[frame](#)
[◀index▶](#)

[◀Herman Haverkort▶](#)

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The Scenario – in Three Versions; hhparmrk does it

During work towards a flexible document as a continuous report on a wide variety of contacts for the Meridian Arts Ensemble in New York, Frans Goddijn felt the need to tag and mark certain paragraphs for specific groups of readers. Herman Haverkort wrote a package for L^AT_EX2e, hhparmrk, which facilitates this by offering the possibility to set various signs next to paragraphs. This article presents hhparmrk, gives examples of its use and a short manual. For the hackers among us some of the T_EXnical tricks involved behind the scenes are glanced at.

◀ paragraph ▶
mark

◀ distribution ▶
select

◀ Herman Haverkort ▶
◀ Frans Goddijn ▶

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Sorting in T_EX's Mouth

T_EX's macro processor, the so-called mouth, can be used to perform very complex tasks. Because this part of T_EX's programming language is as powerful as a Turing machine, it is possible to implement algorithms using only T_EX's mouth. I will show how sorting algorithms can be implemented in a straight-forward and very elegant and under-standable way using only macros and macro expansion T_EXniques.

◀ expansion ▶
◀ sorting ▶
algorithms

Bernd Raichle

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One by one the guests arrive

A plea is made for writing macros in plain $\text{T}_{\text{E}}\text{X}$ sufficiently documented to be used with all flavours of $\text{T}_{\text{E}}\text{X}$.

[philosophy](#)
[◀ plain \$\text{T}_{\text{E}}\text{X}\$ ▶](#)

[◀ Kees van der Laan ▶](#)

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BLUe's Format Databases

The backgrounds, use, and coding of BLUe's Format Databases have been discussed. Two kinds of databases have been introduced class I (data, such as addresses, references, and script parts for example pictures), and class II (macros, such as variant formats and tools). At the heart lies the selective loading $\text{T}_{\text{E}}\text{X}$ nique, which allows that only what is needed will be loaded on-the-fly. The data structures and operations on them have been treated. The use within the $\text{ConT}_{\text{E}}\text{X}$ t of typesetting scripts have been elucidated via examples. At the end the coding is explained.

- ◀ active list ... ▶
- ◀ addresses ▶
- ◀ comment blocks ▶
- ◀ compatible ... ▶
- ◀ data integrity ▶
- ◀ databases ▶
 - ◀ FIFO ▶
- ◀ lazy evaluation ▶
- ◀ list element tag ▶
- ◀ mail-merge ▶
- ◀ number ranges ▶
- ◀ pattern matching ▶
 - ◀ pictures ▶
 - ◀ plain $\text{T}_{\text{E}}\text{X}$ ▶
 - ◀ references ▶
 - ◀ reusable ... ▶
 - ◀ searching ▶
- ◀ selective loading ▶
 - ◀ set macros ▶
 - ◀ software ... ▶
- ◀ table of contents ▶
 - ◀ variant ... ▶
- ◀ Kees van der Laan ▶

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BLUe's Index

The creation of a modest index within a one-pass $\text{T}_{\text{E}}\text{X}$ job is proposed. In general a proof run and a final run are needed. The markup for the index entries is the same as used by Knuth for The $\text{T}_{\text{E}}\text{X}$ book. The process is controlled by the tags: `\sortindex` and `\pasteupindex`. The file which emerges after `\sortindex` can be enriched by hand, for example to include 'see also' and the like. Sorting keys can be specified too, as well as items which have to be ignored for the sorting. The macros have been developed for use with English documents. To leave open the use with other languages the ordering has been parameterized in an ordering table.

- ◀ compatible ... ▶
 - ◀ index ▶
- ◀ number ranges ▶
 - ◀ one-pass job ▶
 - ◀ ordering table ▶
 - ◀ plain $\text{T}_{\text{E}}\text{X}$ ▶
 - ◀ reusable ... ▶
 - ◀ software ... ▶
 - ◀ sort keys ▶

◀ Kees van der Laan ▶

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BLUe's Letters

The backgrounds, use, design, and coding of BLUe's Letters format have been discussed. The purpose is to format a letter, merge it with address(es) from a database, and typeset it all with the appropriate background such as logo and the like, completely within $\text{T}_{\text{E}}\text{X}$. Separate labels can be obtained too, either specified by name or searched for by pattern.

- ◀ active list ... ▶
- ◀ addresses ▶
- ◀ compatible ... ▶
- ◀ databases ▶
- ◀ data integrity ▶
- ◀ FIFO ▶
- ◀ lazy evaluation ▶
- ◀ letter ▶
- ◀ list element tag ▶
- ◀ mail-merge ▶
- ◀ pattern matching ▶
- ◀ plain $\text{T}_{\text{E}}\text{X}$ ▶
- ◀ reusable ... ▶
- ◀ set macros ▶
- ◀ software ... ▶

◀ Kees van der Laan ▶

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BLUe's Reports

The backgrounds, use, design, and coding of BLUe's Reports format have been discussed. The purpose is to format a report as a compatible extension of the default note format of BLUe's format. As such it is an example of how to customize BLUe's format system with a format of your own. The differences have to do with not only using titles but also reusing the titles for table of contents, list of examples, and running headlines the preliminary pages and cover pages which are absent with the default note format appendices may contain collected information from the script such as answer to the exercises (similar as in The T_EXbook), table of examples, table of contents, and an index.

- ◀ active list ... ▶
- ◀ compatible ... ▶
- ◀ databases ▶
- ◀ data integrity ▶
- ◀ FIFO ▶
- house style
- ◀ lazy evaluation ▶
- ◀ list element tag ▶
- ◀ pattern matching ▶
- ◀ plain T_EX ▶
- ◀ reusable ... ▶
- separation of ...
- ◀ set macros ▶
- ◀ software ... ▶

◀ Kees van der Laan ▶

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Paradigms: Two-part macros

The use of two-part macros in BLUe's format is discussed. First the reason why in general two-part macros are beneficial is explained. Practical examples from the T_EX-NL discussion list have been treated. The automatic generation of a one-part macro on top of two-part macros is given. The impossibility of reusing copy with different catcodes in T_EX is mentioned and illustrated with an example from the T_EXbook.

◀ BLUe format ▶
catcodes
multiple use ...
◀ plain T_EX ▶

◀ Kees van der Laan ▶

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Paradigms: Parameterization I - options

The use of options in BLUe's format is discussed. A survey is given of how Knuth coped with the functionality of optional arguments in T_EX and manmac. As an extension to T_EX's `\every<tag>` the BLUe's `\this<tag>s` are introduced, with the advantage of simpler handling of arguments. It is contrasted with the use in TUGboat's style files and AMS's ppt.sty.

◀ BLUe format ▶

◀ optional ... ▶

◀ plain T_EX ▶

◀ Kees van der Laan ▶

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BLUe's Typesetting of PASCAL

The formatting of PASCAL programs within plain T_EX is proposed. Only `\beginpascal` and `\endpascal` have to be added as markup. In general the literate programming tools are to be preferred, especially when designing, developing, documenting, and maintaining professional software.

◀ compatible ... ▶
 ◀ FIFO ▶
 ◀ Pascal ▶
◀ pattern matching ▶
 ◀ plain T_EX ▶
 pretty-printing
 ◀ reusable ... ▶
 ◀ software ... ▶

◀ Kees van der Laan ▶

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Reisverslag BachoT_EX'95

Verslag bijeenkomst Poolse T_EX users group GUST.

◀ BachoT_EX ▶

◀ report ▶

◀ GUST ▶

◀ Poland ▶

◀ Erik Frambach ▶

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EuroT_EX'95

Announcement of EuroT_EX'95 conference.

◀ EuroT_EX ▶
◀ conference ▶
◀ announcement ▶

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[Verslag \(1995/2\)](#)

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[Van de TUG President \(1995\)](#)

[Concept begroting 1996](#)

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Verslag (1995/2)

Opening 15e NTG bijeenkomst 24 mei 1995; Verslag NTG bijeenkomst van 17 november 1994; Ingekomen stukken en mededelingen; NTG ledenvergadering; Verslag commissie voor kascontrole / vaststelling nieuwe commissie; Bestuursverkiezingen; EuroT_EX'95; Miscellaneus; Rondvraag en sluiting; Voordrachten.

[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Frans Goddijn ▶](#)

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Van de Voorzitter (1995/2)

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◀ chairman ▶

◀ Erik Frambach ▶

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Van de TUG President (1995)

geen samenvatting (no abstract)

◀ Michel Goossens ▶

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◀ budget ▶

◀ Wietse Dol ▶

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Verslag 16e TUG-bijeenkomst

geen samenvatting (no abstract)

◀ TUG conference ▶

◀ St. Petersburg ▶

◀ Florida ▶

◀ Wietse Dol ▶

◀ Gerard van Nes ▶

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TUG'95 at St. Petersburg Beach – a Personal View

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◀ TUG conference ▶

◀ St. Petersburg ▶

◀ Florida ▶

◀ Michel Goossens ▶

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EuroT_EX'95 in Nederland!

Programma en inschrijfformulier EuroT_EX conferentie.

◀ EuroT_EX ▶
◀ conference ▶
◀ Arnhem ▶

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Proceedings of the Ninth European T_EX Conference

Graphics for T_EX: a new implementation

T_EX Plotter – a program for creating 2D and 3D pictures

VFCOMB – a program for design of virtual fonts

The status of Babel

Upages – plain T_EX for professionals

A practical introduction to SGML

From L^AT_EX to HTML and back

Pascal: formatting Pascal using T_EX

Beyond the bounds of paper and within the bounds of screens; the ...

PPCHT_EX: typesetting chemical formulas in T_EX

L^AT_EX, HTML and PDF, or the entry of T_EX into the world of hypertext

The release 1.2 of the Cork encoded DC fonts and the text ...

A METAFONT-EPS interface

Use of T_EX as database with AnyT_EX

Indexing in T_EX with AnyT_EX

A Russian style for Babel: problems and solutions

Data with daT_EX

Modifying L^AT_EX

The proposed T_EX Directory Structure

Occam's Razor and macro management

A package for Church-Slavonic typesetting

The W95 environment

MusiXT_EX, even more beautiful than MusicT_EX for music typesetting

e-T_EX: a 100%-compatible successor to T_EX

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Conversion of the Euler METAFONts into the PostScript Type1 language

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Graphics for T_EX: a new implementation

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◀ graphics ▶

◀ picture ... ▶

◀ \special ▶

Andrey Astrelin

Proceedings of ...

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\TeX Plotter – a program for creating 2D and 3D pictures

The MS DOS program which creates 2D and 3D \TeX pictures for the plots of functions of two variables $f(x,y)$ is described. In comparison with Gnuplot this program enables to plot the equilines (2D view) and the surface (3D view) pictures correctly and without memory overflow even for complex cases. The input is the ASCII file which contains the data points (X_{ij}, Y_{ij}, Z_{ij}) of the function $z = f(x,y)$ calculated over non-regular quadrangular mesh. The output is the ASCII file which contains the required picture in \TeX format. The program has a flexible menu driven user interface and enables to create and to preview the output pictures with a variety of styles. At the time being the program supports \LaTeX commands, EPIC/EEPIC macros and $\text{em}\text{\TeX}$ specials. In future the program should support \TeX graphical tools like MFPiC, PiC \TeX and EPS-files.

graphics 3D
◀ pictures ▶
◀ graphics ▶
plotting

◀ Alexander ... ▶
◀ S. Turtia ▶

Proceedings of ...

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VFComb – a program for design of virtual fonts

The MS DOS program which enables to simplify the design of the virtual fonts is described. Its main purpose was to facilitate the integration of CM-fonts with cyrillic LL-fonts created by O. Lapko and S. Strelkov but it can be used for various applications. It uses the information from TFM-files (converted to ASCII form by TFtoPL) and the ASCII data files created by the User on its input, and produces the VPL-file on its output which can be converted to the virtual font using VPtoVF. The characteristic feature of the program is that it can assemble the font ligature tables and user defined ligature tables for the characters extracted from various fonts and combine the metric information from various TFM-files. VFComb supports the full syntaxis of PL-files and VPL-files as it was defined by D.E. Knuth and adds new commands like symbolic variables or conditional operators, which simplifies the creation and the debugging of the virtual fonts.

◀ virtual fonts ▶
VFcomb

◀ Alexander ... ▶
◀ S. Turtia ▶

Proceedings of ...

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The status of Babel

In this article I will give an overview of what has happened to Babel lately. First I will briefly describe the history of Babel; then I will introduce the concept of 'shorthands'. New ways of changing the 'language' have been introduced and Babel can now easily be adapted for local needs. Finally I will discuss some compatibility issues.

◀ Babel ▶
◀ multilingual ▶

◀ Johannes Braams ▶

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Upages – plain T_EX for professionals

◀ typography ▶

◀ plain T_EX ▶

When I have started my professional typography works in plain T_EX, I found many things, which are done in each document. Some of them are language specific or trivial, but there exists many topics, which are strongly untrivial, and often required. T_EX has many limitations, but there is (in recent time) nothing better in whole the world. Thus, we have powerful macro language but we haven't easy way to do many things: references, contents, page off-setting, interpretation of text token by token, cooperation with PostScript devices, device independent color and line drawing capabilities, easy box rotation and landscaping, making sheets and booklets, making other margins than 1in, creating cropmarks, color signatures, color separations etc.

Certainly, there is many powerful macro systems, but they are very big, often slow, and cancels many capabilities of plain T_EX. I have been particularly inspired by them, and particularly by some macros for plain T_EX. But many of these macros are incompatible, if you want to use two of them, because one overwrites settings of the second.

This all is good reason to write powerful macros these things instead of creating trivial macros twice a month. Then you needn't spend much time to correct bugs caused by these trivial macros. That's why I have written my upages.T_EX macros. This chapter doesn't want to be a manual to these macros, but only an introduction with examples.

upages.T_EX macros consists on more parts. In this text I will describe the most powerful and interesting parts of them. I hope that my macros will greet many plain T_EXists. They makes easy to prepare documents and to make hooks and patches.

Stanisław Brabec

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A practical introduction to SGML

SGML, the Standard Generalized Markup Language, deals with the structural markup of electronic documents. It was made an international standard by ISO in October 1986. SGML soon became very popular thanks in particular to its enthusiastic acceptance in the editing world, by large multi-national companies, governmental organizations, and, more recently, by the ubiquity of HTML, Hypertext Markup Language, the source language of structured documents on WWW. This article discusses the basic ideas of SGML and looks at a few interesting tools. It should provide the reader with a better understanding of the latest developments in the field of electronic documents in general, and of SGML/HTML in particular.

◀SGML▶
◀HTML▶
◀WWW▶
◀DTD▶
ISO8879

◀Michel Goossens▶
◀Janne Saarela▶

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From L^AT_EX to HTML and back

Both L^AT_EX and HTML are languages that can express the structure of a document, and similarities between these two systems are shown. A detailed study is made of the L^AT_EX2HTML program, written by Nikos Drakos, that is today the most complete utility for translating L^AT_EX code into HTML, providing a quasi-automatic translation for most elements. A discussion of a few other tools for translating between HTML and L^AT_EX concludes the article.

L^AT_EX2HTML

◀HTML▶

◀L^AT_EX▶

translation
◀conversion▶
tools

◀Michel Goossens▶

◀Janne Saarela▶

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Pascal: formatting Pascal using T_EX

This paper is based on our ideas about how a system which formats programs written in a structured language must work. Particularly, tools which help in typesetting texts where algorithms are described. Most of our ideas have been put in practice in the pascal system, which automatize the elegant layout of Pascal programs. This system is programmed as a T_EX macro package.

◀ Pascal ▶
◀ formatting ▶
program code

Pedro Palao ...
Manuel Núñez ...

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Beyond the bounds of paper and within the bounds of screens; the perfect match of T_EX and Acrobat

geen samenvatting (no abstract)

◀ Hans Hagen ▶

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PPCH_TE_X: typesetting chemical formulas in T_EX

This article is about a package for typesetting chemical formulas. The primary interface of this package is in the dutch language. Because PPCH_TE_X has a multilingual interface, all commands and keywords can be toggled to english. The Dutch version of this article is published in NTG's MAPS (94.2) and is translated to English by H. de Weert.

◀ Hans Hagen ▶

◀ Ton Otten ▶

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L^AT_EX, HTML and PDF, or the entry of T_EX into the world of hypertext

An overview of the relation between L^AT_EX, HTML (WWW) and PDF is presented.

[◀ L^AT_EX ▶](#)
[◀ HTML ▶](#)
[◀ PDF ▶](#)
[◀ hyperT_EX ▶](#)

[◀ Yannis ... ▶](#)
[◀ Sebastian Rahtz ▶](#)

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The release 1.2 of the Cork encoded DC fonts and the text companion symbol fonts

I present the release 1.2 of the dc fonts and the companion text symbol fonts. I give an overview of the improvements on the dc fonts from version 1.1 to 1.2. The rationale for introducing a text symbol font is explained and the text symbol encoding TS1 is presented. In the appendix, there are font tables of the mentioned fonts.

DC fonts
TS1 text ...

◀ Jörg Knappen ▶

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A METAFONT-**EPS** interface

The MFtoEPS package enables METAFONT to produce EPS (Encapsulated PostScript) output.

◀ METAFONT ▶

◀ PostScript ▶

◀ MFtoEPS ▶

◀ Bogusław ... ▶

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Use of T_EX as database with AnyT_EX

The use of BLUe's format databases is treated. A new issue is introduced since the emerge of BLUe's Format system this spring. Boolean tags can be added to for example address.dat entries to denote fields and their contents. Together with \search one can easily obtain the list of names - and via these names the full entries, i.e., the addresses - of those who have not paid their membership fee, for example.

- ◀ active list ... ▶
- ◀ addresses ▶
- ◀ comment blocks ▶
- ◀ compatible ... ▶
- ◀ data integrity ▶
- ◀ databases ▶
 - ◀ FIFO ▶
- ◀ lazy evaluation ▶
- ◀ list element tag ▶
- ◀ mail-merge ▶
- ◀ number ranges ▶
- ◀ pattern matching ▶
 - ◀ pictures ▶
 - ◀ plain T_EX ▶
 - ◀ references ▶
 - ◀ reusable ... ▶
 - ◀ searching ▶
- ◀ selective loading ▶
 - ◀ set macros ▶
 - ◀ software ... ▶
- ◀ table of contents ▶
 - ◀ variant ... ▶
- ◀ Kees van der Laan ▶

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Indexing in T_EX with AnyT_EX

The creation of a modest index within a one-pass T_EX job is treated. In general a proof run and a final run are needed.

- ◀ compatible ... ▶
 - ◀ index ▶
- ◀ number ranges ▶
- ◀ one-pass job ▶
- ◀ ordering table ▶
 - ◀ plain T_EX ▶
- ◀ reusable ... ▶
- ◀ software ... ▶
 - ◀ sort keys ▶

◀ Kees van der Laan ▶

Proceedings of ...

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A Russian style for Babel: problems and solutions

As with other languages using nonlatin basis there are some typographic features and national peculiarities that must be shown in the style. The paper describes the Russian style with macros `\captionrussian` for four standard Russian documents, `\daterussian`, `\Asbuk` and `\asbuk` for Russian alphabet counters and `\mathrussian` for Russian math operators. Some problems concerning the usage of this style (e.g. usage of different encodings) are described.

◀ Babel ▶
Russian
◀ typography ▶

Olga Lapko
Irina Makhovaya

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Data with daT_EX

The authors explain how to handle data in T_EX documents, in particular, how to avoid ever having to type in - and check! - the same data or text twice. These data may be stored in ordinary (non-T_EX) databases, in ASCII files arranged according to the easy daT_EX format, or in the T_EX document itself. daT_EX works in plain T_EX and is supposed to work in L^AT_EX.

◀ databases ▶

data manipulating

filtering

ASCII

◀ Andries Lenstra ▶

Steven Kliffen

◀ Ruud Koning ▶

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Modifying L^AT_EX

This is an updated version of a document that was first written to be part of the distribution of the new standard L^AT_EX. It was produced in response to suggestions that the modification and distribution conditions for the files in our system should be similar to those implied by Version 2 of the GNU General Public Licence, as published by the Free Software Foundation.

Although we are by now convinced that the principles described here are sound, the detailed consequences of these for the distribution and modification conditions are still evolving. Thus this article should not be treated as a definitive version of these conditions, even at the date of its publication.

The proposed T_EX Directory Structure

The concept of a standardized T_EX directory structure is explained.

TDS
standardization

◀ Joachim Schrod ▶

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Occam's Razor and macro management

The philosophical principle known as Occam's Razor asserts that entities should not be multiplied beyond necessity. The \TeX utility OCCAM is a tool to eliminate from a collection of supporting \TeX macros (composite commands) those that are unnecessary in a given typescript. Hopefully, it will serve to (a) let Plain \TeX users produce typescripts which can be electronically posted in a compact form that is nevertheless autonomous and perfectly archival, and (b) to simplify a macro package before making modifications for a special purpose.

The OCCAM utility will ultimately be programmed entirely in \TeX language to assure that it is universally available. Today it is just an evolving prototype implemented with a bit of help from an editor (on Macintosh) that has a programmable control language based on GREP.

To achieve reasonably automatic functioning of OCCAM, not requiring surveillance by a \TeX programmer, it is necessary to maintain a carefully structured master version of each macro package involved; this .occ version can double as the documented source version of the package.

Occam's Razor
macro ...

◀ plain \TeX ▶

\TeX typescripts

◀ electronic ... ▶

docstrip

◀ \LaTeX ▶

Laurent ...

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A package for Church-Slavonic typesetting

The multilingual ability of T_EX is one of its most important properties. Due to T_EX it became possible to produce high-quality books in many different languages (sometimes with very exotic grammatic rules). For more than 10 years of its existence T_EX became a real polyglot and it seems that it doesn't want to stop evaluating. In this paper one more, may be rather exotic, example of practical usage of T_EX is considered, and also many ideas and solutions which result from 5-year experience of T_EX using.

Andrey Slepuhin

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The W95 environment

Since 1992 the “WORKSHOP 9x” seminar takes place at the Czech Technical University (CTU) every year. The aim of this wide seminar is to give all the CTU researchers or teams an opportunity to present their research projects in twenty minutes of speech and two pages of proceedings of the seminar. I solved the technical problem of making the proceedings using L^AT_EX. As the number of contributions increases year by year and the time for making the book is limited some automation of the typesetting process was and still is necessary. The W94 and W95 are attempts to transfer part of the typesetting work from the final typesetter to the authors. The W9x is simple single-purpose user-interface between L^AT_EX and the MS-DOS user who may know nothing about T_EX and L^AT_EX. Some experiences (both technical and psychological) of using this system in the two last years are discussed in the paper and may be useful for organizers of seminars, conferences etc. where contributors are not T_EX users and the proceedings are to be made with T_EX.

◀ Windows ▶
typesetting ...
non-T_EX-users

Antonín Strejc

Proceedings of ...

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MusiX \TeX , even more beautiful than Music \TeX for music typesetting

MusiX \TeX is a new music typesetting package derived from Music \TeX , but it provides more beautiful scores than Music \TeX did. While Music \TeX was a single pass package, MusiX \TeX is a three pass system: the first pass performs a rough \TeX ing which reports the spacings of each music section, the second pass is a computation of the best note spacings, and the third one is the final \TeX ing process. The beauty of single notes does not significantly differ from Music \TeX , but slurs are much more beautiful, and notes are regularly spaced instead of being irregularly spaced with glue.

◀ Music \TeX ▶
MusiX \TeX
◀ music ▶

◀ Daniel Taupin ▶

Proceedings of ...

p 351-358  304 kB

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e- \TeX : a 100%-compatible successor to \TeX

e- \TeX is the first concrete result of an international research & development project, the NTS Project, which was established under the aegis of DANTE during 1992. The aims of the project are to perpetuate and develop the spirit and philosophy of \TeX , whilst respecting Knuth's wish that \TeX itself should remain frozen.

[◀ e- \$\TeX\$ ▶](#)

[◀ NTS ▶](#)

[◀ extended \$\TeX\$ ▶](#)

[◀ extensions ▶](#)
compatibility

[◀ Philip Taylor ▶](#)

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Adobe Acrobat 2.0: Beyond the bounds of paper

An overview of the concept and features of Adobe Acrobat is given.

◀ Acrobat ▶
◀ PDF ▶

◀ Wiegert Tierie ▶

Proceedings of ...

p 371-390  429 kB

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Typesetting commutative diagrams

There have been several efforts aimed at providing $\text{T}_\text{E}\text{X}$ and its derivatives with a suitable mechanism for typesetting commutative diagrams, with the consequent availability of several macro packages of widespread use in the category theory community, and a long debate about the best syntax to adopt for commutative diagrams in $\text{L}^{\text{A}}\text{T}_\text{E}\text{X}3$ has taken place during 1993 in the CATEGORIES discussion list. From the user's point of view, however, there is not much guidance when it comes to choosing a macro package, and even after a decision is made, the conversion of diagrams from the particular conventions of a macro package to another macro package's conventions may prove to be rather hard.

Typesetting commutative diagrams is a surprisingly difficult problem, in comparison with $\text{T}_\text{E}\text{X}$ macro packages for other purposes, as judged by the amount of code needed and years of development invested. The existing macro packages for typesetting commutative diagrams are reviewed in this paper and they are compared according to several criteria, among them the capability to produce complex diagrams, quality of the output diagrams, ease of use, quality of documentation, installation procedures, resource requirements, availability, and portability. The compatibility of the different macro packages is also analyzed.

Conversion of the Euler METAFONts into the PostScript Type1 language

A report of the process of converting Hermann Zapf's Euler fonts from METAFONT sources to PostScript Type1 format.

[◀ METAFONT ▶](#)
[◀ PostScript ▶](#)
[◀ Type 1 fonts ▶](#)
[◀ conversion ▶](#)

[◀ Erik-Jan Vens ▶](#)

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When METAFONT does it alone

Combining METAFONT and \TeX when typesetting text and graphics together is shown on several occasions to bring very impressive results. A. Hoenig presented a method for communication between \TeX and METAFONT in order to solve two problems otherwise difficult to handle within \TeX or METAFONT alone: label placement for diagrams generated by METAFONT, and curvilinear typesetting. We show that the method for curvilinear typesetting (involving three passes in Hoenig's approach) can be considerably simplified by using the extended ligature mechanism of \TeX 3, and that a single METAFONT pass is actually sufficient, with quite a simple interface on \TeX 's side. Institutional seal text placement can be realized as a simple METAFONT application using this method. While PostScript offers ready-to-use easy solutions to this class of problems, METAFONT solutions can still be preferable to PostScript because of the ability of adding META-ness, e.g., by introducing second-order magnitude corrections/distortions to the letters and/or logos in order to enhance legibility when used in smaller sizes.

◀ METAFONT ▶
◀ graphics ▶

◀ Jiří Zlatuška ▶

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[◀ report ▶](#)

[◀ members meeting ▶](#)

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◀ chairman ▶

◀ Erik Frambach ▶

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◀ Gerard van Nes ▶

◀ Wietse Dol ▶

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◀ financial report ▶

◀ Wietse Dol ▶

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◀ Gerard van Nes ▶

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Van de TUG President (1996)

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◀ Michel Goossens ▶

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Bericht van FGBBS

Een beschouwing over de vraag of, sinds de opkomst van Internet, er nog behoefte is een BBS systeem. De voorlopige conclusie luidt dat een BBS op regionaal en klein-nationaal gebied een prettige aanvulling kan zijn op hetgeen het Internet te bieden heeft.

◀ BBS ▶
◀ internet ▶

◀ Frans Goddijn ▶

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A plug-and-play teTeX CD-ROM

GUTenberg and UKTUG, in collaboration with TUG and NTG, are producing a plug-and-play CD-ROM based on Thomas Esser's teTeX distribution. It adheres to the TDS (TeX Directory Structure) tree structure (see, for instance, TUGboat 16(4), pages 401-412).

◀ Michel Goossens ▶

◀ Sebastian Rahtz ▶

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Attending EuroT_EX'95 in Papendal

Report of EuroT_EX'95 conference in Arnhem.

◀ EuroT_EX ▶
◀ conference ▶
◀ Arnhem ▶

◀ Michel Goossens ▶

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Bachot_EX 1996

Verslag bijeenkomst Poolse T_EX users group GUST.

◀ Bachot_EX ▶

◀ report ▶

◀ GUST ▶

◀ Poland ▶

◀ Wietse Dol ▶

◀ Erik Frambach ▶

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The 17th Annual T_EX Users Group Meeting

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◀ TUG conference ▶

◀ Dubna ▶

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De kunst van het programmeren

Sinds 1962 werkt Donald Knuth aan een informaticabijbel die over twintig jaar af moet zijn. Tussendoor ontwierp hij een tekstverwerker met eigen typografie en legde hij een Mona Lisa uit dominosteentjes.

Dirk van Delft

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An Interview with Donald Knuth

geen samenvatting (no abstract)

Jack Woehr

MAPS 16 1996

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Knuth meets NTG members

On January 6th 1996, Kees van der Laan informed the NTG that Donald Knuth would be in Holland in March. Knuth was invited by the Mathematisch Centrum (MC, nowadays called Centrum voor Wiskunde en Infor-matica, CWI) because of CWI's 50th anniversary. Both Knuth and Mandelbrot were invited as speakers at the celebration. The NTG noticed that this was an exceptional occasion to organize a special meeting with Knuth for all Dutch T_EX and METAFONT users who would like to meet the Grand Wizard himself. Fortunately Knuth accepted the NTG invitation and so a meeting was organized in 'De Rode Hoed' in Amsterdam on March 13th. About 35 people from all over the country and even from Belgium joined to meet Knuth. Everything was recorded on both video and audio tape by Gerard van Nes. Christina Thiele volunteered to write this transcript.

[◀ Knuth ▶](#)
[◀ dutch ▶](#)
[visit](#)
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[◀ NTG ▶](#)

[◀ Christina Thiele ▶](#)

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$\text{T}_{\text{E}}\text{X}$ without $4\text{T}_{\text{E}}\text{X}$ on the PC

An example of a command-line interface for an existing $4\text{T}_{\text{E}}\text{X}$ installation. Configuration involves defining environment variables and DOSKEY macros. This simplicity comes at the cost of greater dependence on PostScript/GhostScript and the loss of some advanced features.

◀ $4\text{T}_{\text{E}}\text{X}$ ▶
configuring
DOSKEY
◀ GhostScript ▶

◀ Siep Kroonenberg ▶

MAPS 16 1996

p 50-53  26 kB

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Van dictaat tot boek

In 1980 werd ik docent natuurkunde aan de HTS te Arnhem voor de afdeling elektrotechniek. Toendertijd werd een leerboek gebruikt dat heel aardig de meer traditionele componenten behandelde, maar bijna niets wist te melden over wat tegenwoordig in een schakeling zit: dioden, transistoren en dat soort componenten. Een eerste navraag bij landelijke collega's leverde wel een soort werkgroepje op, maar niet de gezochte 'nieuwe' leerstof. Dus maar zelf schrijven. Dat moet in eerste instantie letterlijk worden opgevat, maar ook met een tekstverwerker als L^AT_EX moet veel zelf worden gedaan. Wat begon rond 1985 als dictaat, per hoofdstuk afgedrukt, eindigde rond 1995 als boek: twee delen 'Elektron natuurkunde' in de serie natuurkunde voor het HBO bij de Educatieve Uitgevers.

◀ Cees Fortuin ▶

MAPS 16 1996

p 54-56  63 kB

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Enkele ervaringen met L^AT_EX

Ter sprake komen de persoonlijke ervaringen met L^AT_EX rond onder meer de uitwerkingen en antwoorden-boeken van de methode ‘Wiskunde voor het hoger onderwijs’ (R. van Asselt, e.a., uitgave van: Educatieve Partners Nederland BV), de ervaringen met betrekking tot verzorgde bijscholingscursussen L^AT_EX t.b.v. het personeel van de faculteit en de overige tekstverwerkingsactiviteiten.

Rom Pijlgroms

MAPS 16 1996

p 57  12 kB

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Een L^AT_EX-cursus in Groningen

Begin mei heeft bij de afdeling wiskunde en informatica van de Rijksuniversiteit Groningen voor de tiende keer een L^AT_EX-cursus plaatsgehad. Onderstaand een kort relaas over het ontstaan van deze cursus en het doel ervan.

◀ Rein Smedinga ▶

MAPS 16 1996

p 58  13 kB

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Het gebruik van L^AT_EX voor wiskunde lessen

geen samenvatting (no abstract)

Ben Geels

MAPS 16 1996

p 59  35 kB

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Van ms-troff naar L^AT_EX

geen samenvatting (no abstract)

◀ Piet Tutelaers ▶

MAPS 16 1996

p 60  kB

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The L^AT_EX2HTML translator: An Overview

L^AT_EX2HTML is, as its name implies, a translator which converts a standard L^AT_EX document into Hypertext Markup Language (HTML), for incorporation into the World-Wide Web. Like L^AT_EX, it is freely available software, supported by highly dedicated volunteers. Unlike L^AT_EX, it is currently available only on UNIX platforms.

Herbert Swan

MAPS 16 1996

p 61-73  172 kB

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Zijn Scientific Word en T_EX uitwisselbaar?

geen samenvatting (no abstract)

Jan Jacobs
Jan-Egbert Sturm

MAPS 16 1996

p 74-75  55 kB

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Typografisch programmeren

In dit artikel wordt de ontwikkeling van een interactief document beschreven. De getoonde voorbeelden demonstreren de kracht van $\text{T}_{\text{E}}\text{X}$ als typografische programmeertaal. Omdat dergelijke documenten het moeten opnemen tegen (vaak dedicated) programma's, kan het ontwikkelen ervan worden omschreven als typografisch programmeren.

[typographic ...](#)
[database ...](#)
[ConT \$\text{E}\$ Xt ...](#)
[screen design](#)
[interactive ...](#)

[◀ Hans Hagen ▶](#)

MAPS 16 1996

[p 76-81](#)  [180 kB](#)

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Paradigms: It's all in the game

With the game tic-tac-toe as example it is shown how to dialogue with T_EX. Three versions of a macro are discussed. The first prototype implements the bare-to-the-bones game. The other versions have increasingly better user interfaces and more intelligence implemented.

◀ BLUe format ▶
dialogue with T_EX
games
◀ plain T_EX ▶
◀ user interface ▶

◀ Kees van der Laan ▶

MAPS 16 1996

p 82-84  43 kB

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Paradigms: The winds and halfwinds – Details matter

The implementation of the turtle graphics idea in plain $\text{T}_\text{E}\text{X}$ as part of BLUe's format graphics facilities has been discussed. Examples are the (recursive) coding of the Pythagorean and trinary trees. As spin-off the implementation of a (binary) chart – a binary tree with labels – is given. Rotation of trees goes simply by renaming the wind directions.

[binary tree](#)

[◀ BLUe format ▶](#)

[◀ graphics ▶](#)

[◀ plain \$\text{T}_\text{E}\text{X}\$ ▶](#)

[recursion](#)

[trinary tree](#)

[◀ turtle graphics ▶](#)

[◀ Kees van der Laan ▶](#)

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BLUe-2- \LaTeX – expansion and some more

Conversion should not be a problem. It is best to use a general accepted tool, which comes with a preprint format. Until BLUe's format is generally accepted a BLUe script has to be converted to comply with publishers' formats to get it out. Conversion via \TeX 's expansion is exercised in this note, with as result a plain \TeX Converter Assistant, in the spirit of AWK. In netland it does not matter because BLUe's format system is available from CTAN and NTG's 4all \TeX CD-ROM, and therefore everybody can format BLUe scripts, and no conversion is needed.

BLUe script

◀ conversion ▶

◀ MAPS ▶

◀ mouth processing ▶

◀ plain \TeX ▶

◀ Kees van der Laan ▶

MAPS 16 1996

p 91-99  113 kB

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Graphics and T_EX – a reappraisal of METAFONT

It is all about the author's first steps in METAFONT, for creating graphics to be included in T_EX documents, with a wink to . The graphics comprises 2D pictures and 2.5D images of 3D objects via projection techniques. Learning METAFONT was much easier than learning T_EX. Included examples are: cat, Hilbert curve, and Gabo's linear construction in space no 2. A few highlights on macro writing in METAFONT have been selected. The appendix contains the table of contents of my anthology.mf file of examples.

◀computer art▶
constructivism
◀graphics▶
Hilbert
hidden lines
◀METAFONT▶
◀PostScript▶
◀projection▶

◀Kees van der Laan▶

MAPS 16 1996

p 100-107  137 kB

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Page layout in L^AT_EX

This article describes how to customize the page layout of your L^AT_EX documents, i.e how to change page margins and sizes, headers and footers, and the proper placement of figures and tables (collectively called floats) on the page. Originally this was the documentation of the fancyheadings package. It did contain also other info, e.g. advanced use of marks. It has now been upgraded to include more, e.g. the handling of floats. The fancyheadings documentation has been upgraded to conform to version 2 of this package 1 . For reasons of compatibility with certain operating systems, the name of the package has been changed to fancyhdr. Although this paper uses L^AT_EX2e commands, most of the techniques can be used with older L^AT_EX versions with appropriate changes.

◀Piet van Oostrum▶

MAPS 16 1996

p 108-125  167 kB

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Colored Verbatim

This module implements (just another) verbatim environment. Especially when the output of $\text{T}_{\text{E}}\text{X}$ is viewed on an electronic medium, coloring has a positive influence on the readability of $\text{T}_{\text{E}}\text{X}$ sources. About half of the module is therefore dedicated to typesetting $\text{T}_{\text{E}}\text{X}$ specific character sequences in color. In this article I'll present some macro's for typesetting inline, display and file verbatim. The macro's are capable of handling `<tabs>` too.

[visualizing \$\text{T}_{\text{E}}\text{X}\$](#)
[Con \$\text{T}_{\text{E}}\text{X}\$ t verbatim](#)
[color verbatim](#)
[◀ \$\text{T}_{\text{E}}\text{X}\$ visualizing ▶](#)

[◀ Hans Hagen ▶](#)

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Verslag (1996/2)

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Van de Voorzitter (1996/2)

Van uw MAPS Editor (1996/2)

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Do journals honor L^AT_EX submissions?

Introduction to “T_EX Unbound: L^AT_EX & T_EX Strategies, Fonts, ...

Virtual Fonts, Virtuous Fonts

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[◀ report ▶](#)

[◀ members meeting ▶](#)

[◀ Frans Goddijn ▶](#)

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Het weten waard

geen samenvatting (no abstract)

MAPS 17 1996

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Van de Voorzitter (1996/2)

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◀ chairman ▶

◀ Erik Frambach ▶

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◀ Wietse Dol ▶

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Concept begroting 1997

geen samenvatting (no abstract)

◀ budget ▶

◀ Wietse Dol ▶

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Een rol voor T_EX in het 3de millennium

geen samenvatting (no abstract)

◀ Michel Goossens ▶

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(Cyr)TuG, and some more

Report of TUG meeting in Dubna, Russia.

[◀CyrTUG▶](#)
[◀TUG conference▶](#)
[◀Dubna▶](#)

[◀Kees van der Laan▶](#)
[◀Erik Frambach▶](#)

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De spelling van het lot

Het SPELLINGBESLUIT gepubliceerd in Staatsblad 394 (Besluit van 19 juni 1996, houdende voorschriften omtrent de schrijfwijze van de Nederlandse taal) heeft niet alleen gezorgd voor veel gekrakeel tussen neerlandici, maar het vormde ook een buitenkans voor uitgeverijen van werken als HET GROENE BOEKJE (binnen zes maanden 500.000 verkochte exemplaren). Kleinere ondernemingen brachten floppies op de markt met woordenlijsten en algoritmen. Intussen sloeg een groepje mensen (bestaande uit - in alfabetische volgorde - Erick Branderhorst, Erik Frambach, Frans Goddijn, Hans Hagen, Gerard van Nes, Piet Tutelaers, Jacoline van Weelden en Peter van Zeeland, en terzijde gestaan door Hans Linders) de handen ineen om te komen tot een vrij beschikbare, zo correct mogelijke Nederlandse woordenlijst.

[◀ new dutch ▶](#)
[dutch spelling](#)
[◀ spell checker ▶](#)
[Groene Boekje](#)

[◀ Frans Goddijn ▶](#)

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Heeft T_EX nog toekomst?

This article is meant as a starting point for further discussion on the future of T_EX. The author wrote this expose after a discussion in the NTG board concerning the future of T_EX and the NTG.

◀ future ▶
T_EX reflection

◀ Hans Hagen ▶

MAPS 17 1996

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Do journals honor L^AT_EX submissions?

The survival of L^AT_EX in the academic world will depend on T_EX and L^AT_EX evolving towards changing publishing practices, but also on publishers actually accepting L^AT_EX submissions. Much has been said about the former, with a recent feature number of TUGboat addressing the subject of electronic publishing. When it comes to the latter issue, however, it is often taken for granted that scientific journals honor L^AT_EX submissions. An extensive research over the Internet reveals that, on the contrary, at the turn of the century many journals still regret to accept L^AT_EX submissions, sometimes preferring RTF or even bare ASCII sources to T_EX or L^AT_EX. This note discusses some of the issues behind this situation and compiles all journals known to the au-thor that accept electronic submission of L^AT_EX articles in source form, thereby complementing the T_EX counterpart.

Introduction to “T_EX Unbound: L^AT_EX & T_EX Strategies, Fonts, Graphics, and More”

geen samenvatting (no abstract)

◀ Alan Hoenig ▶

MAPS 17 1996

p 32-33  37 kB

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Virtual Fonts, Virtuous Fonts

Virtual fonts allow us to use all digital fonts with $\text{T}_{\text{E}}\text{X}$, even non- $\text{T}_{\text{E}}\text{X}$ ones, and do much more for us. What are virtual fonts? Several projects grant us necessary experience with them. This document comprises somewhat less than half of the similarly named chapter which will appear in the book $\text{T}_{\text{E}}\text{X}$ Unbound: $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ and $\text{T}_{\text{E}}\text{X}$ Strategies for Fonts, Graphics, and More, by Alan Hoenig, to be published in early 1997 by Oxford University Press. This excerpt is simplified so that it may be printed using the standard suite of $\text{T}_{\text{E}}\text{X}$ fonts; the original depends heavily on PostScript fonts and the author's style file for its typesetting. Consequently, some displays could not be included. For any questions or comments, please contact the author at ajhjj@cunyvm.cuny.edu.

◀ Alan Hoenig ▶

MAPS 17 1996

p 34-40  131 kB

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Detailed Contents for “ \TeX Unbound: \LaTeX & \TeX Strategies, Fonts, Graphics, and More”

This book will be published by Oxford University Press in early 1997. Contact the author at ajhjj@cunyvm.cuny.edu for further information.

◀ Alan Hoenig ▶

MAPS 17 1996

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A L^AT_EX tour, part 1: the base distribution

In this article I hope to give a ‘guided tour’ around the files that make up the basic L^AT_EX distribution. Subsequent articles in this mini-series will cover other packages by the L^AT_EX development team, and also some of the main contributed packages.

◀ L^AT_EX ▶

base distribution

◀ documentation ▶

◀ guide ▶

◀ David Carlisle ▶

MAPS 17 1996

p 46-51  75 kB

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A L^AT_EX tour, part 2: the Tools and Graphics distribution

In the previous article in this series I started by giving a description of the files in the ‘base’ L^AT_EX distribution. In part 2, I shall cover the ‘tools’ and ‘graphics’ distributions. These are distributed in the tools and graphics subdirectories of the CTAN directory macros/L^AT_EX/packages. Although these files are not part of the minimal base distribution they should normally be included in the L^AT_EX installation at any site. The L^AT_EX book assumes that at least the graphics distribution is installed.

◀ L^AT_EX ▶

tools package ...

◀ documentation ▶

◀ guide ▶

◀ David Carlisle ▶

MAPS 17 1996

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FRISTI

This article gives an impression of my way of designing and typesetting very small telephone and address lists, birthday calendars etc. Design considerations and typesetting tricks are presented. The latter include macros which define the sheets (from A4 to credit card and even key fob size), macros to process data records (typically specified in a separate file) in various ways, and macros to stuff and stow data in very limited space.

[small](#)

[◀ lists ▶](#)

[directory](#)

[◀ calendar ▶](#)

[key fob](#)

[credit card](#)

[stuffing](#)

[◀ Herman Haverkort ▶](#)

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PMGRAPH.STY: some useful macros which extends the \LaTeX picture environment

geen samenvatting (no abstract)

◀ Alexander ... ▶
Olga Grineva

MAPS 17 1996

p 65-71  143 kB

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Using EPS Graphics in L^AT_EX2e Documents

This document explains how to use Encapsulated PostScript (EPS) files in L^AT_EX2e documents. The graphics and graphicx packages provide commands which insert, scale, and rotate EPS graphics.

Keith Reckdahl

MAPS 17 1996

p 72-114  277 kB

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Star \TeX – a \TeX for beginners

This article describes Star \TeX , a new \TeX format for students writing their first report and other novice users. Its aim is to provide a simpler and more robust tool for users with no previous knowledge of \TeX and L^A \TeX .

[\$\TeX\$ format](#)
[novice \$\TeX\$](#)
[robust \$\TeX\$](#)
[error recovery ...](#)
 [\$\TeX\$ with SGML ...](#)

[◀ Dag Langmyhr ▶](#)

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Paradigms: Loops

The implementation of loops in plain T_EX is surveyed. Van der Goot's loop is a remarkable straight implementation of tail recursion. Nesting of loops and the pitfalls in there are discussed. The use of hidden counters and the flip-flop traversal are given.

◀ BLUe format ▶

◀ loops ▶

◀ plain T_EX ▶

◀ tail recursion ▶

◀ Kees van der Laan ▶

MAPS 17 1996

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Paradigms: Searching

Various ways of searching in plain $\text{T}_{\text{E}}\text{X}$ are surveyed. Its use in BLUe's format for selective loading of macros, addresses, pictures, formats and tools is discussed. Interactively searching through a binary tree in dialogue with $\text{T}_{\text{E}}\text{X}$ is also given.

◀ BLUe format ▶
◀ databases ▶
pattern ...
◀ plain $\text{T}_{\text{E}}\text{X}$ ▶
tree searching
◀ selective loading ▶

◀ Kees van der Laan ▶

MAPS 17 1996

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Paradigms: Sorting

Various ways of sorting in plain $\text{T}_\text{E}\text{X}$ are surveyed. Macros for linear sorting (in the mouth), quick sort and heap sort are given. The use for sorting index reminders for indexing on-the-fly is touched upon.

[◀ BLUe format ▶](#)

[◀ heap sort ▶](#)

[◀ index preparation ▶](#)

[◀ plain \$\text{T}_\text{E}\text{X}\$ ▶](#)

[quick sort](#)

[◀ Kees van der Laan ▶](#)

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Paradigms: Just a little bit of PostScript

It is all about creating EPS – with graphics – to be merged with (La)T_EX scripts. The emphasis is on creating raw PostScript for simple symmetrical pictures. Asides, like incorporating accurate graphs of math functions, typesetting text along curved paths, or tables set sideways, next to reverse video, clipping and tiling have been addressed. A poor man's MFtoEPS approach is touched upon: (declarative) METAFONT into (imperative) PostScript.

declarative ...

◀EPS▶

◀Escher▶

◀graphics▶

imperative code

◀L^AT_EX▶

◀Koch island▶

Malevich

math graphs

◀METAFONT▶

◀MFtoEPS▶

◀Mondrian▶

◀PostScript▶

◀projection▶

reverse video

◀ROEX▶

Schroefer

sideways tables

suprematism

text along ...

◀tiling▶

◀Kees van der Laan▶

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Visual Debugging in T_EX: a short introduction

geen samenvatting (no abstract)

◀ Hans Hagen ▶

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Visual Debugging in T_EX: how things are done

By redefining some T_EX primitives, one can get an impression of what T_EX and macros are doing behind the screens. This article visualizes some rather common but often unnoticed T_EX features. The visual debugger described here is part of ConT_EXt, but can be used in plain T_EX and other macro packages as well.

◀ ConT_EXt ▶
visual debugging
debugging
boxes
glue
penalties
kerns
fills

◀ Hans Hagen ▶

MAPS 17 1996

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Where to find ConT_EXt

geen samenvatting (no abstract)

◀ Hans Hagen ▶

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Jaarverslag NTG 1996

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Adobe Supra: Adobe's High-Performance Raster Image Processor ...

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Verslag Bijeenkomst

Opening, Notulen, Ingekomen stukken en mededelingen, bestuursmutaties, subsidieaanvraag, begroting 1997, MAPS zaken, Activiteiten, Lustrumcommissie, Werkgroepen

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◀ Erik Frambach ▶

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Redactioneel (1997/1)

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◀ Taco Hoekwater ▶

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Het weten waard

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◀ financial report ▶

◀ Erik Frambach ▶

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geen samenvatting (no abstract)

◀ report NTG ▶

◀ Gerard van Nes ▶

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T_EX Users Group, gisteren, vandaag en morgen

geen samenvatting (no abstract)

◀ Michel Goossens ▶

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Bericht van FGBBS – Voorjaar 1997

Hoewel “de loop eruit is” in de BBS winkelstraten, houdt FGBBS stand als het rustige knopenwinkeltje dat met enige regelmaat wordt bezocht door een kleine maar trouwe klantenkring uit de wijde omgeving.

◀ FGBBS ▶

◀ report ▶

◀ Frans Goddijn ▶

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WG: Educatie – een overzicht en oproep

Een overzicht van de activiteiten binnen en buiten de WG wordt gegeven, met daarnaast een suggestie.

◀ working group ▶
◀ education ▶

◀ Kees van der Laan ▶

MAPS 18 1997

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WG: T_EX & SGML

Een korte introductie van de werkgroep SGML en een oproep voor geïnteresseerde leden

◀ working group ▶

◀ SGML ▶

◀ Taco Hoekwater ▶

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De nieuwe NTG-WWW pagina's

Sinds kort zijn de WWW-pagina's van de NTG (<http://WWW.ntg.nl>) geheel vernieuwd. Dit artikel geeft een overzicht van de ideeën achter de nieuwe opzet en uitvoering.

◀ NTG ▶
◀ internet ▶
◀ WWW ▶

◀ Erik Frambach ▶
◀ Hans Hagen ▶

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Gezeefd uit de T_EX-NL discussielijst (1997)

In 1993 publiceerde Philippe Vanoverbeke in de MAPS tweemaal een selectie van berichten uit de T_EX-NL lijst. Nu, een poosje later, wordt de draad weer opgepakt. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” Deze informatie is, samen met nog veel meer van dergelijke waardevolle berichten uit T_EX-NL, ook na te lezen op FGBBS in het berichtengebied FGBBS.ARCHIVE. Opvallend is dat in bijna alle gevallen het snelste en definitieve antwoord wordt gegeven door Piet van Oostrum (piet@cs.ruu.nl, <http://WWW.cs.ruu.nl/~piet>), zonder wie T_EX-NL niet het zeer nuttige en snelle medium zou zijn dat het nu is. OOSTRUM-NL zou ook een goeie naam zijn.

◀ TEX-NL ▶
◀ discussionlist ▶
◀ tips ▶
◀ hints ▶
◀ beginner ▶
help
stylefiles

◀ Frans Goddijn ▶

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Conversie van BibTeX naar HTML, TeX en LaTeX

BibTeX-bibliografieën kunnen met behulp van een Perl-script vertaald worden naar HTML. Een variant op dat script levert een compleet LaTeX-bestand. Nog een andere variant levert een plain TeX-bestand dat naar believen bijgeschaafd kan worden. Als gereedschap is enkel Perl en (La)TeX nodig.

[◀ BibTeX ▶](#)

[◀ Perl ▶](#)

[◀ HTML ▶](#)

[◀ conversion ▶](#)

[◀ Erik Frambach ▶](#)

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Het invoeren en afdrucken van de Latin-1 Characterset

Ten behoeve van een collegedictaat is een tabel nodig met de Latin-1 of iso-8859-1 characterset. Dit artikel behandelt het invoeren en afdrucken van deze characterset met behulp van L^AT_EX2e.

◀ Ton Biegstraaten ▶

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SGML entities in (La)T_EX: `sgmlent.sty`

This package provides an easy-to-use interface to the SGML character entity sets (ISO 8879, Annex D). All entity sets defined in the Annex are supported, but there are still some minor problems.

[SGML entities](#)
[SGML conversion](#)

◀SGML▶

◀Taco Hoekwater▶

MAPS 18 1997

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[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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The L^AT_EX Graphics Companion

This handy reference describes techniques and tricks needed to illustrate L^AT_EX documents, and answers common user questions about graphics and PostScript fonts. It provides the first full description of the standard L^AT_EX color and graphics packages, and shows how you can combine T_EX and PostScript capabilities to produce beautifully illustrated pages. Following the successful format of *The L^AT_EX Companion*, this new book will be an invaluable L^AT_EX resource for incorporating pictures into text.

[◀ abstract ▶](#)

[◀ table of contents ▶](#)

[◀ preface ▶](#)

[◀ L^AT_EX ▶](#)

[◀ Michel Goossens ▶](#)

[◀ Sebastian Rahtz ▶](#)

[◀ Frank Mittelbach ▶](#)

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Loading PicTeX without problems

When using ppchTeX in L^AT_EX, one can run out of dimension registers. This article describes a loading mechanism that take care of proper loading of PICT_EX, that is, by using as few dimensions as possible.

pdfT_EX, een eerste indruk

Currently a new extension of T_EX is under development. This web2c based extension pdfT_EX not only produces DVI output, but alternatively generates PDF code. Functionality as well as new primitives are described.

[◀ PDF ▶](#)

[◀ pdfT_EX ▶](#)

[◀ web2c ▶](#)

[◀ Hans Hagen ▶](#)

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Even voorstellen: de EPDA

geen samenvatting (no abstract)

◀ Ton Otten ▶

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Puzzling Graphics in METAPOST

METAPOST can be used for more than math oriented graphics. This article describes some macros for drawing arbitrary jigsaw puzzles and shifting puzzles. METAPOST can be fun!

[◀ METAPOST ▶](#)

[◀ puzzles ▶](#)

[◀ graphics ▶](#)

[◀ Hans Hagen ▶](#)

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Scans and bitmaps in T_EX

Guidelines are given for working with scans and bitmaps, with the emphasis on PostScript printing from T_EX.

[scan](#)
[image](#)
[bitmap](#)
[resolution](#)
[half-tone](#)
[◀ PostScript ▶](#)

[◀ Siep Kroonenberg ▶](#)

MAPS 18 1997

[p 83-85](#)  [240 kB](#)

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Using fonts in METAPOST – one way of forcing T_EX to include the right fonts

METAPOST graphics can contain T_EX produced text. Unfortunately, when including such graphics in T_EX documents, only DVIPS knows how to include the right glyphs. This article describes a method (and macros) to handle glyph inclusion independent of DVI drivers. The ConT_EXt module described here can be used in other macro packages as well. (A later version of this module implements a more efficient mechanism as well as some additional functionality.)

◀ METAPOST ▶
fonts in ...
◀ ConT_EXt ▶

◀ Hans Hagen ▶

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Stars around 1 – PostScript straightaway

Drawing the outline of stars is discussed. A METAFONT/Post and a PostScript program are included, next to a Columbus' egg PostScript solution. The appendices contain compositions of stars and a few versions of a PostScript operator to calculate the intersection point of two lines determined by four points.

[◀EPS▶](#)

[fractal](#)

[◀intersection▶](#)

[◀Koch island▶](#)

[◀METAFONT▶](#)

[◀METAPOST▶](#)

[◀MFtoEPS▶](#)

[◀outline▶](#)

[◀PostScript▶](#)

[◀ROEX▶](#)

[star](#)

[◀tiling▶](#)

[◀Kees van der Laan▶](#)

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Stars around 2 – what a little math can do

The problems as treated by Jackowski in his lecture at NTG's 1996 fall meeting: a tangent to a circle, intersection of circles, V-like logo, and (circular) clipping of waves, are provided with alternative solutions, along with straightaway PostScript codes.

analytic geometry
clipping
◀ intersection ▶
linear equations
◀ logos ▶
◀ METAPOST ▶
◀ METAFONT ▶
◀ MFtoEPS ▶
◀ outline ▶
◀ PostScript ▶
◀ ROEX ▶
tangent

◀ Kees van der Laan ▶

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BachTeX 97 - TeX from inside

A report of GUST's 5th conference in Bachotek, Poland.

◀ BachTeX ▶

◀ GUST ▶

◀ Poland ▶

◀ Erik Frambach ▶

◀ Kees van der Laan ▶

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Een greep uit de fontverzameling van T_EX

De verzameling fonts die beschikbaar is binnen T_EX is zeer omvangrijk. In dit artikel wordt een subjectieve poging gedaan hier iets van te laten zien.

◀ Ton Biegstraaten ▶

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T_EX, BLUes, and Jazz – a search for values

How to use T_EX for a database oriented application is shown by the example of a collection of Jazz CDs. The request was to provide (part) of the title of a tune and to let T_EX response with all the CDs which contain that tune. Only a few lines of code was all that was needed to fulfill the purpose. The example might serve as a user-oriented stepping stone for understanding how in BLUe's format T_EX as database engine has been used.

◀ BLUe ▶

◀ databases ▶

◀ plain T_EX ▶

◀ Kees van der Laan ▶

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Gegevensverwerking met daT_EX

De auteurs geven een inleiding in daT_EX. Dat is een verzameling macro's waarmee gegevens eenvoudig kunnen worden verwerkt in een T_EX of L^AT_EX file. Twee voorbeelden illustreren de grote mogelijkheden van deze macro's. Een uitgebreide handleiding en de macro's zelf staan op www.xs4all.nl/~rhkoning.

◀ databases ▶
◀ data integrity ▶
daT_EX

◀ Andries Lenstra ▶
◀ Ruud Koning ▶

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Adobe Supra: Adobe's High-Performance Raster Image Processor (RIP) Architecture for Print-on-Demand Systems

geen samenvatting (no abstract)

◀ Wiegert Tierie ▶

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Computergestuurd Zetten of Electronisch publiceren?

Nieuwe trends in wetenschappelijk publiceren

Abstract in het pools, tekst vertaald uit het engels door Taco Hoekwater

◀ Philip Taylor ▶

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lyx: een front-end voor L^AT_EX of een textprocessor?

Dit artikel is een recentie van het programma LyX. Lyx is een programma voor X windows dat dient als (bijna-)WYSIWYG schil bovenop L^AT_EX. De huidige stabiele beta-versie, die hier dan ook besproken wordt, is versie 0.10.7. Het programma wordt geschreven door een aantal auteurs onder 'leiding' van Matthias Ettrich (ettrich@informatik.uni-tuebingen.de).

LyX

◀ review ▶

◀ WYSIWYG ▶

◀ front-end ▶

◀ Taco Hoekwater ▶

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kdvi: een verbeterde xdvi

kdvi is een aangepaste versie van xdvi, een DVI previewer voor het X Window Systeem. De belangrijkste verandering is het gebruik van een 'echte' grafische interface ter vervanging van de nogal primitieve widgets van xdvi. kdvi is *alpha* software, de huidige versie is 0.2. De auteur is Markku Hihnala (mah@ee.oulu.fi).

◀ DVI previewer ▶

◀ previewer ▶

X

◀ interface ▶

◀ Taco Hoekwater ▶

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DVIPS manual – good old portability, and some more

Portable manuals should be written and marked up in this way. Just a few macros to take care of the formatting. The manual can be easily personalized. The dvips manual has been made available as a BLUe report with an index – based on IR-s by Rokicki – and a ToC. Both are welcome when using the manual. Some experience in using dvips under UNIX is also reported: overprinting a picture, adding a caption, and aligning pictures. A pitfall in using psfig is mentioned as well.

[aligning figures](#)

[◀BLUe format▶](#)

[captions](#)

[DVI](#)

[◀EPS▶](#)

[figures](#)

[◀minimal markup▶](#)

[overprinting](#)

[portability](#)

[◀PostScript▶](#)

[◀Kees van der Laan▶](#)

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How to handle compound and bounded words

The dutch language permits words to be combined in many ways. To permit such compound words to be hyphenated properly, a versatile mechanism is presented, that handles all kind of compound and boundary situations. Although part of ConT_EXt, this module can be used in other packages as well.

[compound words](#)

[◀ hyphenation ▶](#)

[◀ ConT_EXt ▶](#)

[boundary ...](#)

[◀ Hans Hagen ▶](#)

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Een moderne toren van Babel

In deze voordracht zal ik kort aandacht besteden aan ‘wat is $\text{T}_{\text{E}}\text{X}$ ’, ‘wat is $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ ’. Hierbij komt ook het concept van ‘structuur markup’ aan de orde. Vervolgens zal ik ingaan op de geschiedenis van het babel pakket. Aan de hand van een aantal voorbeelden zal ik toelichten welke problematiek zich voordoet bij het op een correcte wijze vormgeven van documenten waarin meerdere talen worden gebruikt.

◀ Johannes Braams ▶

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Stretching the limits of Babel, an Ever Growing Package?

geen samenvatting (no abstract)

◀ Johannes Braams ▶

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NTG Ledeninformatie

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Het herontwerp van de MAPS

De macros uit de nieuwe MAPS class

Book Design for T_EX Users - Part 1: Theory

Book Design for T_EX Users - Part 2: Practice

Tiling in PostScript and METAFONT - Escher's wink

Toolbox (1997)

TUG'97 conferentie

Installatie-handleidinkje voor 'L^AT_EX voor Windows 1.0'

L^AT_EX & Chinees

T_EX inside, insight, in sight: get priorities right

Local Guide T_EX-installatie Fewec

User manual for kluwer.cls

Quark Xpress: een vakantieliefde

ConT_EXt voor beginners

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Verslag 19de NTG Bijeenkomst

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[◀ Frans Goddijn ▶](#)

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◀ Erik Frambach ▶

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Redactioneel (1997/2)

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◀ Taco Hoekwater ▶

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geen samenvatting (no abstract)

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4allT_EX versie 4

De vierde editie van de 4allT_EX cdroms komt eraan. Dit artikel beschrijft wat er zoal nieuw is in deze editie.

◀4T_EX▶
◀4allT_EX▶
◀emT_EX▶
plug & play
◀CDROM▶

◀Erik Frambach▶

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Het herontwerp van de MAPS

Toelichting bij de nieuwe vormgeving van de MAPS: papierformaat, font keuze, aanpassingen voor twee-kolomsopmaak.

◀ MAPS ▶

paper format

fontkeuze

◀ multi-columns ▶

◀ layout ▶

◀ Siep Kroonenberg ▶

MAPS 19 1997

p 12  15 kB

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De macros uit de nieuwe MAPS class

Dit artikel beschrijft de macros die gebruikt worden in de nieuwe maps class file. De nadruk ligt op de macros die proberen een stramien te ondersteunen.

MAPS class file
macro design

◀ layout ▶

◀ Taco Hoekwater ▶

MAPS 19 1997

p 13-18  54 kB

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Book Design for T_EX Users – Part 1: Theory

Book design cannot be taught; it can only be learned, preferably by critical study of as many books as possible. Of all the elements which make up a book, white space is frequently the least considered and the most important. *Avant garde* designs are compared and contrasted with more conservative and traditional approaches. Three key elements: *uniformity*, *information* and *structure* are identified, and ‘good design practice’ discussed in terms of each of these.

◀ design ▶
◀ typography ▶
◀ layout ▶

◀ Philip Taylor ▶

MAPS 19 1997

p 19-27  104 kB

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Book Design for T_EX Users – Part 2: Practice

In the predecessor to this paper, three fundamental concepts of *uniformity*, *information* and *structure* were introduced, and general guidance given on each of them. In this paper, more practical advice is given, specifically in two areas: guidance on actual dimensions, proportions and layout; and guidance on implementing some of the ideas through the medium of the T_EX language. Finally, some difficult (and even insoluble) problems in layout are discussed.

◀ design ▶
◀ typography ▶
◀ layout ▶

◀ Philip Taylor ▶

MAPS 19 1997

p 28-38  121 kB

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Tiling in PostScript and METAFONT – Escher's wink

Drawing tilings by computer is discussed. Examples are borrowed from literature. New are their included METAFONT and PostScript programs, with sometimes a new variation of a picture.

Apollonius

◀computer art▶

Douat

Duerer

◀EPS▶

◀Escher▶

◀graphics▶

◀METAFONT▶

◀METAPOST▶

◀outline▶

Kepler

◀Mondrian▶

parquet

Penrose

◀PostScript▶

◀puzzles▶

Soddy

◀tiling▶

Truchet

◀turtle graphics▶

zero finding

◀Kees van der Laan▶

MAPS 19 1997

p 39-67  819 kB

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Toolbox (1997)

Er lopen in de wereld zo veel T_EX-gebruikers rond, dat het zelden zal voorkomen dat een normale gebruiker de eerste is die een probleem tegen komt. Meestal zal dit probleem ook al door iemand anders zijn opgelost en vaak staat de oplossing op de 4allT_EX, T_EXlive of een andere cd-rom. Indien daar niet te vinden is staat er vast wel een oplossing op ctan of één of andere Internetsite. Het probleem zit hem niet in de beschikbaarheid, maar in het opsporen van de oplossing. Artikelen in maps zijn daarvoor natuurlijk een belangrijke informatiebron. Sommige oplossingen zijn echter zo eenvoudig dat er nooit een artikel aan gewijd zal worden. Over een draadstriptang valt nu eenmaal niet al te veel te vertellen. In Toolbox zal niet alleen de draadstriptang worden besproken, maar ook het gebruik van lucifers om het plastic van het einde van het snoer af te branden. Stuur ook informatie over uw favoriete tools naar mij op, zo kan Toolbox een belangrijke informatiebron worden over utilities, macro's en andere eenvoudige trucs voor de gewone T_EX-gebruiker. Deze keer is de spil van het verhaal PostScript.

[◀ PostScript ▶](#)

[◀ installation ▶](#)

[◀ toolbox ▶](#)

[◀ Maarten ... ▶](#)

MAPS 19 1997

p 68-70  44 kB

[publications](#)

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TUG'97 conferentie

Een kort verslag van de conferentie van de T_EX Users Group 1997 in San Francisco, USA.

◀ TUG conference ▶
San Francisco

◀ Erik Frambach ▶

MAPS 19 1997

p 71-72  27 kB

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Installatie-handleidinkje voor 'L^AT_EX voor Windows 1.0'

Op verzoek van Frans Goddijn heeft FGBBS-user Robbert Hardin een verslag geschreven van de installatie van het pakket L^AT_EX voor Windows (16 diskettes, ook op FGBBS te vinden).

◀ L^AT_EX ▶
◀ Windows ▶
systems
◀ installation ▶

Robbert Hardin

MAPS 19 1997

p 73-75  32 kB

view

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

L^AT_EX & Chinees

Met behulp van het L^AT_EX-package 'CJK' is het mogelijk om tekst te zetten in het Chinees, Japans en Koreaans. In dit artikel laat ik in het kort zien wat ervoor nodig is om Chinese tekst met L^AT_EX - Japans en Koreaans blijven buiten beschouwing. Het installeren van de benodigde software wordt behandeld, evenals het gebruik van dit systeem in de praktijk.

◀ L^AT_EX ▶

Chinese

CJK

◀ fonts ▶

◀ PostScript ▶

Big5

◀ Erik Frambach ▶

MAPS 19 1997

p 76-78  110 kB

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T_EX inside, insight, in sight: get priorities right

It is argued that for using T_EX - a multi-level tool - T_EX inside knowledge should not be necessary for the layman, for production purposes. The 'why, what and when,' especially at the grey level will be discussed. Necessary insight issues are enumerated.

◀ active list ... ▶
greyboxes
hyphenation ...
◀ minimal markup ▶
partitioned ...
two-part macros

◀ Kees van der Laan ▶

MAPS 19 1997

p 79-86  98 kB

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Local Guide T_EX-installatie Fewec

Dit is de Local Guide van de L^AT_EX installatie van de Faculteit der Economische Wetenschappen en Econometrie van de Vrije Universiteit te Amsterdam. De Local Guide is niet bedoeld als L^AT_EX-handleiding, maar als aanvulling daarop. Er wordt een korte uitleg over L^AT_EX gegeven, een aantal bijzonderheden van onze L^AT_EX-installatie wordt genoemd en de gebruikte editor (Jed) wordt besproken. De Local Guide kan zeker worden uitgebreid. Eenieder die nieuw materiaal heeft kan dit aan mij doorsturen en ik zal zorgen dat het, zoveel mogelijk ongewijzigd, wordt opgenomen.

◀ local guide ▶
L^AT_EX installation
editor
Jed

◀ Maarten ... ▶

MAPS 19 1997

p 87-96  86 kB

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User manual for kluwer.cls

This is the user manual for the kluwer.cls class file for the preparation of articles to be submitted to journals or spin-offs of journals published by Kluwer Academic Publishers. The kluwer.cls is a generic class, which allows us to have a simple conversion to different journal layouts. The kluwer.cls class file is similar to the *article* class file of L^AT_EX, but it has some extra fields in the preamble and some extended commands for the body text.

◀L^AT_EX2e▶
electronic ...
user manual
class file
Kluwer

Kluwer ...

MAPS 19 1997

p 97-111  209 kB

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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Quark Xpress: een vakantieliefde

Hoe prachtig “ons $\text{T}_{\text{E}}\text{X}$ ” ook is, in de wijde wereld daarbuiten is het onbekend. De meeste drukkers en grafische ontwerpers weten niet eens wat het is. Pas als je het magische woord “Quark Xpress” laat vallen, tel je voor hen mee. Afgelopen zomer kocht ik een manual van meer dan 600 pagina’s en verslond dit in de vakantie. Wat heeft dat pakket dat wij niet hebben?

Quark Xpress

◀ manual ▶

◀ Frans Goddijn ▶

MAPS 19 1997

p 112-114  35 kB

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ConT_EXt voor beginners

Hierna volgt een introductie op ConT_EXt. Deze handleiding is, net als ConT_EXt, beschikbaar in het Nederlands en Engels en binnenkort ook in het Duits. Dit is de eerste versie; op- en aanmerkingen zijn dan ook welkom.

◀ Hans Hagen ▶

◀ Ton Otten ▶

MAPS 19 1997

p 115-177  2263 kB

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Verslag 20e bijeenkomst, 11 november 1997

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From the TUG President

Redactioneel (1998/1)

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Jaarverslag ntg 1997

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Microsoft buys \TeX , plans new products

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[A L^AT_EX Tour, part 3: mfnfss, psnfss and babel](#)

[Conversie van anyT_EX naar HTML met T_EX4ht](#)

[Visual T_EX 5.10 for MS-Windows](#)

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[BachoT_EX'98 - TUG at hand](#)

[BLUE's OTR for notes: back-to-the-roots](#)

[The Oldenburg eT_EX/L^AT_EX3/ConT_EXt meeting](#)

[Summary of math font-related activities at EuroT_EX '98](#)

[Summary of indexing-related activities at EuroT_EX '98](#)

[The e-T_EX manual, version 2, februari 1998](#)

[Generating Type 1 fonts from METAFONT Sources](#)

[Vergelijking van SGML en XML](#)

[Comparison of SGML and XML](#)

[Comparing ConT_EXt and L^AT_EX](#)

[Pretty printing T_EX METAPOST, Perl and JavaScript](#)

[The Calculator Demo - Integrating T_EX, METAPOST, JavaScript and PDF](#)

[Contending with Office suites](#)

[4T_EX5.0: TDS, Web2c, and Windows 95/NT](#)

[Perl and T_EX a simple application](#)

[Some funny macro's](#)

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Verslag 20e bijeenkomst, 11 november 1997

geen samenvatting (no abstract)

[◀ report ▶](#)
[◀ members meeting ▶](#)

[◀ Frans Goddijn ▶](#)

MAPS 20 1998

[p 1-2](#)  87 kB

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Van de Voorzitter (1998/1)

geen samenvatting (no abstract)

◀ Erik Frambach ▶

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p 3-4  136 kB

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From the TUG President

geen samenvatting (no abstract)

Mimi Jett

MAPS 20 1998

p 5  75 kB

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Redactioneel (1998/1)

geen samenvatting (no abstract)

◀ Taco Hoekwater ▶
◀ Siep Kroonenberg ▶

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p 6  59 kB

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Het weten waard

geen samenvatting (no abstract)

MAPS 20 1998

p 7-8  138 kB

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Financieel verslag 1997

geen samenvatting (no abstract)

◀ financial report ▶

◀ Wybo Dekker ▶

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p 9-10  63 kB

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Jaarverslag ntg 1997

geen samenvatting (no abstract)

◀ report NTG ▶

◀ Gerard van Nes ▶

MAPS 20 1998

p 11-14  95 kB

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De NTG en het Internet (1998/1)

geen samenvatting (no abstract)

[◀ discussionlist ▶](#)

[◀ TEX-NL ▶](#)

[◀ Jules van Weerden ▶](#)

[◀ Maarten ... ▶](#)

MAPS 20 1998

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FGBBS op snelheid – verslag van FGBBS

geen samenvatting (no abstract)

◀ BBS ▶

◀ bulletin board ▶

file requests

◀ email ▶

library

◀ Frans Goddijn ▶

MAPS 20 1998

p 17-19  106 kB

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10 jaar NTG – wat vinden de leden

geen samenvatting (no abstract)

◀ NTG ▶

◀ MAPS ▶

enquete

◀ Hans Hagen ▶

◀ Maarten ... ▶

MAPS 20 1998

p 20-24  162 kB

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Het nieuwe NTG logo

geen samenvatting (no abstract)

◀ NTG logo ▶

◀ EPS ▶

◀ Siep Kroonenberg ▶

MAPS 20 1998

p 25-26  129 kB

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Why `\expandafter` is sometimes needed by common users too

geen samenvatting (no abstract)

`\expandafter`
◀ macro language ▶

◀ Hans Hagen ▶

MAPS 20 1998

p 26  93 kB

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10 jaar NTG

Een terugblik op tien jaar NTG, met een vooruitblik naar de komende jaren.

◀ NTG ▶

◀ T_EX user groups ▶
lustrum

◀ Erik Frambach ▶

MAPS 20 1998

p 27-32  141 kB

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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EuroT_EX'98 in Saint-Malo, France

This year's EuroT_EX conference was held in Saint-Malo. On behalf of the NTG Erik Frambach, Hans Hagen, Taco Hoekwater and Siep Kroonenberg represented the dutch T_EX-community. In this report they discuss the social and T_EXnical aspects of the conference.

◀ EuroT_EX ▶
◀ conference ▶
Saint-Malo

◀ Erik Frambach ▶
◀ Hans Hagen ▶
◀ Taco Hoekwater ▶
◀ Siep Kroonenberg ▶

MAPS 20 1998

p 33-37  250 kB

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Expansion, what is that?

geen samenvatting (no abstract)

◀ expansion ▶
◀ macro language ▶

◀ Hans Hagen ▶

MAPS 20 1998

p 37/43  163 kB

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Color in professional print production

This paper takes a look at issues arising in color printing, such as color models, color conversion and color separation. Increasingly, it is feasible to perform these functions on existing PostScript files, independent of the authoring software. The PDF format plays a key role in this trend.

[color printing](#)
[color model](#)
[device-independent ...](#)
[color conversion](#)
[color separation](#)
[◀PDF▶](#)

[◀Siep Kroonenberg▶](#)

MAPS 20 1998

[p 38-43](#)  [1101 kB](#)

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Microsoft buys T_EX, plans new products

geen samenvatting (no abstract)

MicroSoft

◀ Knuth ▶

joke

Richard Kinch

MAPS 20 1998

p 44-45  800 kB

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Reprint Maps issue #1

This is a fascimile of the very first MAPS issue, originally published in 1988

MAPS reprint

◀ Gerard van Nes ▶

MAPS 20 1998

p 46-64  876 kB

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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Het zetten van wetenschappelijk werk: 1973 vs 1998 – (Monotype vs T_EX)

geen samenvatting (no abstract)

◀ typesetting ▶
monotype
traditional ...

Gerrit Oomen

MAPS 20 1998

p 65-71  263 kB

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Typografische scanning

Dit artikel geeft een beschouwing over “Nederlandse” typografie, aan de hand van een aantal scans van in Nederland gepubliceerde boeken en tijdschriften uit de afgelopen drie eeuwen. Het artikel laat een aantal traditionele typografische vormen zien, met toevoeging van wat commentaren over het gebruikte proces.

[◀ typography ▶](#)

[◀ dutch ▶](#)

[◀ Taco Hoekwater ▶](#)

MAPS 20 1998

[p 72-79](#)  [360 kB](#)

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Vlakverdeling in ConT_EXt

This article is actually chapter 3 of the ConT_EXt reference manual, typeset in the MAPS layout. Attention will be paid to defining layout specific areas, rearranging pages, locating logos, typesetting on a grid and adding cutmarks.

[◀ ConT_EXt ▶](#)
[◀ layout ▶](#)
grids
two-up
[◀ logos ▶](#)
arranging pages

[◀ Hans Hagen ▶](#)

MAPS 20 1998

[p 80-107](#)  [379 kB](#)

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ArabT_EX – Typesetting Arabic with Vowels and Ligatures

We present a T_EX macro package for generating the arabic writing from a standardized ASCII input notation. It can handle partial or full vocalization, and generates automatically most of the common ligatures. There is limited support for Farsi, Urdu, and Pashto. ArabT_EX is compatible with Plain T_EX and also most L^AT_EX environments; arabic and other material can be mixed freely. For special purposes the standard transliteration can be additionally generated. ArabT_EX uses no preprocessor and thus should be compatible with any T_EX implementation that allows dynamic loading of additional macro files and fonts.

ArabT_EX
transliteration

arabic
Farsi
Urdu
Pashto

Klaus Lagally

MAPS 20 1998

[p 108-116](#)  [230 kB](#)

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[view](#)

Dartele cijfers: poor man's oldstyle

Erik Frambach vroeg zich af of het mogelijk zou zijn om met wat trucs de oldstyle cijfers te emuleren dij fijnproevers zo mooi vinden. En het kostte nog minder moeite dan hij had verwacht!

◀oldstyle▶
◀mediaeval▶
◀digits▶
◀numbers▶
trucs
pstricks

◀Frans Goddijn▶

MAPS 20 1998

p 117-119  71 kB

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

[view](#)

DVView, a new previewer

DVView is a new viewer for the Windows platform. Key features: virtual fonts, rotated and colored text and performance. This article focuses on the development process and highlights some features of the software.

DVView

◀ previewer ▶

◀ Windows ▶

◀ outline fonts ▶

◀ Gilbert van ... ▶

MAPS 20 1998

p 120-124  154 kB

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Toolbox (1998)

Literatuurverwijzingen vormen deze keer de hoofdmoot van het verhaal.

◀ BibT_EX ▶

◀ bibliography ▶

bibdb

bibedit

◀ toolbox ▶

◀ Maarten ... ▶

MAPS 20 1998

p 125-130  190 kB

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A L^AT_EX Tour, part 3: mfnfss, psnfss and babel

geen samenvatting (no abstract)

◀ L^AT_EX ▶
psnfss
mfnfss
◀ Babel ▶

◀ David Carlisle ▶

MAPS 20 1998

p 131-137  170 kB

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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Conversie van any \TeX naar HTML met \TeX 4ht

Gurari's \TeX 4ht-programmatuur maakt het mogelijk om in \TeX geschreven teksten (plain \TeX , \LaTeX of wat dan ook) vrij eenvoudig te converteren naar HTML. Als voorbeeld nemen we de $4\TeX$ -handleiding die in \LaTeX is geschreven.

[◀ conversion ▶](#)

[◀ HTML ▶](#)

[◀ WWW ▶](#)

[tex4ht](#)

[◀ Erik Frambach ▶](#)

MAPS 20 1998

[p 138-141](#)  [178 kB](#)

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Visual T_EX 5.10 for MS-Windows

MicroPress' Visual T_EX is a complete T_EX implementation for MS-DOS and all flavors of MS-Windows. The Windows version is reviewed here. It supports several interesting features that go beyond standard T_EX, such as outline fonts and conversion to HTML.

◀ T_EX implemen- ... ▶

visual T_EX

◀ Windows ▶

◀ HTML ▶

◀ Erik Frambach ▶

MAPS 20 1998

p 142-145  242 kB

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Windvi User's Manual

This article is an adaptation of the HTML file that comes with the current (0.40) version of windvi

◀ DVI previewer ▶
windvi
◀ manual ▶

Fabrice Popineau

MAPS 20 1998

p 146-149  141 kB

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[view](#)

PPCH_TE_X – a macropackage for typesetting chemical structure formulas with T_EX – release 2

A few years ago PPCH_TE_X was introduced. This generic macro package can be used to typeset chemical structure formulas. Currently the NTG supports a dedicated mailing list, to which quite some users subscribed. Here we present the long awaited for english update of the manual. The dutch and german manuals were already available for about a year and can be uploaded from the NTG server.

[◀ PPCH_TE_X ▶](#)

[◀ chemical formulas ▶](#)

[◀ graphics ▶](#)

[◀ manual ▶](#)

[◀ Ton Otten ▶](#)

MAPS 20 1998

[p 150-209](#)  [555 kB](#)

[publications](#)

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The DJGPP port of web2c

Web2c is getting popular and popular. Why? Because it is widespread. I'll discuss some of the aspects of the port to the MS-DOS environment. I used the variant on the 4allT_EX4 CD-ROM.

[◀ web2c ▶](#)

[◀ T_EX implemen- ... ▶](#)

[◀ MS-DOS ▶](#)
[djgpp](#)

[◀ Gilbert van ... ▶](#)

MAPS 20 1998

[p 210-213](#)  [120 kB](#)

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Gezeefd uit de TEX-NL discussielijst (1998)

Dit is het vierde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” In de MAPS van voorjaar 1997 stond deel 3. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1997 tot maart 1998. Tenzij anders is vermeld, zijn de onderstaande antwoorden van Piet van Oostrum. Omdat het wat bewerkelijk is om sommige trucs over te tikken, staat dit artikel ook op FGBBS.

◀ TEX-NL ▶
registered

◀ guru ▶

◀ tips ▶

◀ hints ▶

◀ hack ▶

◀ bugs ▶

◀ Frans Goddijn ▶

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BachTeX'98 – TUG at hand

A report on GUST's sixth conference in Bachotek, Poland

◀ BachTeX ▶

◀ GUST ▶

◀ Poland ▶

◀ Kees van der Laan ▶

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BLUe's OTR for notes: back-to-the-roots

The back-to-the-roots OTR for BLUE's notes is discussed. It consists of Plain T_EX's OTR for 1-column and the compatible extension as given in the T_EXbook for 2-columns. Only the pagebody differs: 2-columns instead of 1-column. This replacement is aimed at facilitating a personalized preprint OTR, such that BLUe can easily adapt it. The modified `blue.tex` will be distributed by CTAN, and NTG's 4AllT_EX CD-ROM.

◀ BLUe ▶

◀ manmac ▶

output routine

◀ plain T_EX ▶

◀ preprints ▶

◀ Kees van der Laan ▶

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p 235-237  99 kB

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The Oldenburg e_T_EX/L^AT_EX3/ConT_EXt meeting

geen samenvatting (no abstract)

◀ e-_T_EX ▶
◀ L^AT_EX3 ▶
◀ ConT_EXt ▶
◀ meeting ▶

◀ David Carlisle ▶

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Summary of math font-related activities at EuroT_EX '98

geen samenvatting (no abstract)

◀ EuroT_EX ▶
◀ math fonts ▶
◀ bof ▶

◀ Barbara Beeton ▶
◀ Thierry Bouche ▶
◀ Taco Hoekwater ▶
Patrick Ion
◀ Jörg Knappen ▶
◀ Chris Rowley ▶
Ulrik Vieth

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Summary of indexing-related activities at EuroT_EX '98

This is an adaptation of the ascii file posted to the xindy newsgroup by Roger Kehr in the week following EuroT_EX.

xindy
◀ EuroT_EX ▶
◀ bof ▶

Roger Kehr

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The e- \TeX manual, version 2, februari 1998

The preparation of this report was supported in part by DANTE, Deutschsprachige Anwendervereinigung \TeX e.V. ' \TeX ' is a trademark of the American Mathematical Society.

◀ e- \TeX ▶

NTS team
Peter ...

MAPS 20 1998

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Generating Type 1 fonts from METAFONT Sources

This article makes a comparison between bitmapped and vector fonts, and presents some of the problems I encountered when I tried to convert METAFONT sources into PostScript Type 1 fonts.

[◀ METAFONT ▶](#)
[◀ PostScript ▶](#)
[◀ Type 1 fonts ▶](#)
[◀ conversion ▶](#)
[metafog](#)

[◀ Taco Hoekwater ▶](#)

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Vergelijking van SGML en XML

Dit is een inleiding op de volgende bijlage

[◀ SGML ▶](#)

[◀ XML ▶](#)

[◀ comparison ▶](#)

[◀ Simon Pepping ▶](#)

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Comparison of SGML and XML

This document provides a detailed comparison of SGML (ISO 8879) and XML.

[◀ SGML ▶](#)

[◀ XML ▶](#)

[◀ comparison ▶](#)

James Clark

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Comparing ConT_EXt and L^AT_EX

Some aspects of ConT_EXt and L^AT_EX are compared: the political decisions, the offered functionality, size of the system, and relative speed.

◀ ConT_EXt ▶

◀ L^AT_EX ▶

◀ comparison ▶

copyright

size

speed

functionality

◀ Taco Hoekwater ▶

MAPS 20 1998

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Pretty printing T_EX METAPOST, Perl and JavaScript

Although for real pretty printing of sources one has to use CWEB like environments, T_EX can also do a pretty job rather well. The ConT_EXt verbatim environment has pretty printing built in. One can either use color or fonts. The latter is used in the MAPS, the former in this article.

[◀ verbatim ▶](#)
[◀ METAPOST ▶](#)
[◀ Perl ▶](#)
[◀ JavaScript ▶](#)
[◀ ConT_EXt ▶](#)

[◀ Hans Hagen ▶](#)

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The Calculator Demo – Integrating T_EX, METAPOST, JavaScript and PDF

Due to its open character, T_EX can act as an authoring tool. This article demonstrates that by integrating T_EX, METAPOST, JavaScript and PDF, one can build pretty advanced documents. More and more documents will get the characteristics of programs, and T_EX will be our main tool for producing them. The example described here can be produced with pdfT_EX as well as traditional T_EX.

[◀ METAPOST ▶](#)

[◀ JavaScript ▶](#)

[◀ PDF ▶](#)

[◀ ConT_EXt ▶](#)

[◀ pdfT_EX ▶](#)

[◀ Hans Hagen ▶](#)

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Contending with Office suites

The author is tried beyond endurance by current Office software.

◀Windows▶
suites
wordprocessors
◀graphics▶
export
import
OLE
frogs

◀Siep Kroonenberg▶

MAPS 20 1998

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4T_EX5.0: TDS, Web2c, and Windows 95/NT

geen samenvatting (no abstract)

◀4T_EX▶
◀Windows▶
beta preview

◀Wietse Dol▶

MAPS 20 1998

p 299-301  156 kB

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Perl and T_EX a simple application

A simple application where perl is used to extract data from log-files and create output using T_EX. The perl-scripts in this article run under perl 4.036 and should also run under perl 5.

◀ Perl ▶
◀ T_EX ▶
application

◀ Gilbert van ... ▶

MAPS 20 1998

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Some funny macro's

Sometimes documents can be enhanced with special typography for the first character or lines of chapters. In this article I present some macros for dropped caps and first line treatment. Although more advanced solutions are possible, the examples show at least how things work. Users can derive their own macros from them.

dropped caps

◀ ConT_EXt ▶

first line ...

◀ Hans Hagen ▶

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ConT_EXt - een handleiding

This is the second half of the ConT_EXt manual for beginners. Those who want an index and a quick reference guide, can download the complete manual from the NTG server. The layout is adapted to the MAPS layout.

[◀ manual ▶](#)

[◀ beginner ▶](#)

[◀ ConT_EXt ▶](#)

[◀ Hans Hagen ▶](#)

[◀ Ton Otten ▶](#)

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Van de Voorzitter (1998/2)

Redactioneel (1998/2)

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Verslag 21ste bijeenkomst NTG

De NTG en het Internet (1998/2)

T_EX User Groups around the world

T_EX in 2003: Part I

T_EX in 2003: Part II

Toolbox: let's keep things plain

The 19th annual T_EX Users Group Meeting

Parameterized data for tables in T_EX - Dynamics, aha!

Poor man's cyrillics on a Mac - T_EXing English and Russian

Minimal markup - expansion in the gullet, aha!

Catching up - PDF and HTML at the heart

Eenheid in eenheden

The T_EX backend for Jade and the JadeT_EX macros

Diversity in math fonts

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Verslag 21ste ledenvergadering NTG

Opening; Notulen 20ste bijeenkomst; Verslag van de secretaris; Verslag penningmeester en kascontrolecommissie; Bestuursverkiezingen; Erelidmaatschap.

◀ Maarten ... ▶

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Van de Voorzitter (1998/2)

geen samenvatting (no abstract)

◀ Erik Frambach ▶

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Redactioneel (1998/2)

geen samenvatting (no abstract)

◀ Siep Kroonenberg ▶

◀ Taco Hoekwater ▶

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Het Weten Waard

geen samenvatting (no abstract)

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Verslag 21ste bijeenkomst NTG

geen samenvatting (no abstract)

◀ Maarten ... ▶

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De NTG en het Internet (1998/2)

De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussielijsten. In dit artikel wordt kort aangegeven wat een discussielijst is, hoe je je aan- en afmeldt en wat je te wachten staat na aanmelding. Tevens wordt een overzicht gegeven van de in Nederland aanwezige T_EX-gerelateerde lijsten.

[◀ discussionlist ▶](#)

[◀ TEX-NL ▶](#)

[◀ Jules van Weerden ▶](#)

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T_EX User Groups around the world

geen samenvatting (no abstract)

◀ T_EX user groups ▶
◀ addresses ▶

◀ Erik Frambach ▶

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p 9-12  316 kB

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T_EX in 2003: Part I

Propositions and conjectures on the future of T_EX. This article was presented at TUG'98 in Torun, Poland.

◀ T_EX ▶
◀ future ▶
◀ proposals ▶

◀ NTG T_EX ... ▶

MAPS 21 1998

p 13-19  176 kB

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T_EX in 2003: Part II

Proposal for a `\special` standard. This article was presented at TUG'98 in Torun, Poland.

◀ T_EX ▶
◀ future ▶
◀ proposals ▶
◀ `\special` ▶
standard

◀ NTG T_EX ... ▶

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Toolbox: let's keep things plain

This Toolbox follows the eclectic approach that most readers will know from previous ones. Without aiming to give a comprehensive oversight of the logic behind them, I present some plain \TeX -commands that can be used directly in \LaTeX . As the editors of this journal decided to make English the preferred language for contributions, this column is no longer in Dutch. However, as far as my limited command of the language allows, I will try to keep the tone informal and the discussion accessible to novice users.

[◀ plain \$\TeX\$ ▶](#)

[◀ \$\LaTeX\$ ▶](#)

[integrating](#)

[◀ toolbox ▶](#)

[◀ Maarten ... ▶](#)

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The 19th annual T_EX Users Group Meeting

The 19th annual T_EX Users Group Meeting took place in Torun, Poland, in August of this year. The following is the impression of the authors who tried to attend all the talks. Unfortunately a couple of the talks were not attended by either of the authors. Apologies to those authors.

◀ TUG conference ▶
Torun
◀ Poland ▶

◀ Kaveh Bazargan ▶
◀ Philip Taylor ▶

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Parameterized data for tables in T_EX – Dynamics, aha!

The issue of generating and using parameterized data for tables in T_EX is elaborated upon. The automatic insertion of markup along with the use of parameterized markup and the `\btable` macro is not the issue, but are prerequisites. `\btable`'s use, along with the automatic insertion of markup in the data as such, can be seen as tools, stepping stones, which made it possible to concentrate on pure data generation, or its use in typesetting tables by T_EX.

◀ BLUe ▶
btable

code tables

data generation

dynamical markup

parameterization

◀ tables ▶

◀ tail recursion ▶

◀ Kees van der Laan ▶

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p 35-39  210 kB

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Poor man's cyrillics on a Mac – T_EXing English and Russian

The typesetting in T_EX of English mixed with Russian is discussed for a Macintosh. Starting from the WNCY-fonts only a few extra control sequences have to be remembered for the keyboarding. The approach is suitable for all machines which have the WNCY-fonts. Email in cyrillics can be handled by formatting via pdfT_EX and sending the .pdf file as attachment in a MIME message.

◀ cyrillics ▶
MIME
Macintosh
◀ pdfT_EX ▶

◀ Kees van der Laan ▶

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Minimal markup – expansion in the gullet, aha!

A plea is made for a reappraisal of \TeX 's capabilities of expansion in the gullet of minimal marked up scripts into complete marked up scripts. Attention is focused on expansion of implicitly marked up table data by spaces and e-o-l-s into data separated by `\cs` and `\rs`, the abstract but explicit column and row separators, respectively. The ultimate aim is that the processing tool can't be distilled from the 'marked up' script.

[◀BLUe▶](#)

[◀crosswords▶](#)

[◀expansion▶](#)

[fifo](#)

[look ahead](#)

[◀minimal markup▶](#)

[◀mouth processing▶](#)

[preprocessing](#)

[◀tables▶](#)

[◀tail recursion▶](#)

[◀Kees van der Laan▶](#)

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Catching up – PDF and HTML at the heart

New hardware not only urged me to get T_EX & Co running again, in a richer environment, but I had also to catch up with developments since. Most noteworthy in relation with T_EX and documents, are the acceptance of the PDF exchange format and the HTML format, next to the realization of multi-media.

◀internet▶

◀HTML▶

multi-media

◀PDF▶

◀pdfT_EX▶

◀PostScript▶

◀WWW▶

◀Kees van der Laan▶

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Eenheid in eenheden

In order to support a consistent typography of units in technical documents the ConT_EXt module `units` was developed. When this module is loaded all SI-units are available. Seldom used and/or complex units can be defined by the user with the command `\unit[]{}{}`.

SI-units
units

◀ ConT_EXt ▶

◀ Ton Otten ▶

◀ Hans Hagen ▶

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The T_EX backend for Jade and the JadeT_EX macros

Jade is an implementation of the DSSSL specification, and includes a T_EX backend; the JadeT_EX macro package is needed to process the Jade T_EX output. We describe how Jade and JadeT_EX work together. This article was written for the newsletter of the International SGML Users Group.

jade
jadetex
dsssl

◀ Sebastian Rahtz ▶

MAPS 21 1998

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Diversity in math fonts

We will examine the issues raised when modifying (La)T_EX fonts within math environments, and attempt to suggest effective means of accessing a larger variety of font options, while avoiding typographic nonsense.

[◀ math fonts ▶](#)

[◀ fontinst ▶](#)

[◀ MathTime ▶](#)

Lucida
mathptm

[◀ virtual fonts ▶](#)

[◀ math fonts ▶](#)

[◀ L^AT_EX ▶](#)

[◀ Thierry Bouche ▶](#)

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Van de voorzitter

Redactioneel

NTG and T_EX info

Letter from Donald Knuth

Bericht van voorheen FGBBS - Voorjaar 1999

De NTG en het Internet

Announcing BachoT_EX'99

TUG'98, Torun, Polen

Gezeefd uit de TEX-NL discussielijst

PostScript Fonts op computers?

How to install a Type1 font using fontinst

Installing PostScript Fonts Under Unix/Linux

NFSS: using font families in L^AT_EX2e

Fonts in ConT_EXt

De Euro in T_EX

A short introduction to font characteristics

Introducing Eetex

The pdfT_EX users manual

Introducing VT_EX/Linux

Introducing GeX

4Spell, a spell-checker for Windows 95/98/NT

4Project: a project manager for T_EX

How Perl can help T_EX

Is T_EX Y2K-compliant?

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A Database for PPCHTeX

Beginnen met ConTeXt

Optimizing TeX code

Tabulating in ConTeXt

Bug or Feature? - misleading font messages

Don't give authors the class files!

Robin Williams over typografie - een dame geeft raad

Typography to a purpose

Report on TeX-Tagung Dante'99 in Dortmund

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Van de voorzitter

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◀ Erik Frambach ▶

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Redactioneel

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◀ Taco Hoekwater ▶
◀ Siep Kroonenberg ▶

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NTG and T_EX info

geen samenvatting (no abstract)

◀ NTG ▶

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Letter from Donald Knuth

geen samenvatting (no abstract)

◀ NTG logo ▶

◀ FGBBS ▶

◀ Donald Knuth ▶

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Bericht van voorheen FGBBS - Voorjaar 1999

geen samenvatting (no abstract)

◀ FGBBS ▶
geschiedenis

◀ Frans Goddijn ▶

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De NTG en het Internet

De NTG is niet alleen met webpagina's op het Internet aanwezig, maar ook middels een aantal discussielijsten. In dit artikel wordt kort aangegeven wat een discussielijst is, hoe je je aan- en afmeldt en wat je te wachten staat na aanmelding. Tevens wordt een overzicht gegeven van de in Nederland aanwezige T_EX-gerelateerde lijsten.

NTG ...

◀ discussionlist ▶

◀ TEX-NL ▶

◀ Jules van Weerden ▶

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Announcing BachoT_EX'99

geen samenvatting (no abstract)

◀ BachoT_EX ▶

◀ GUST ▶

◀ conference ▶

◀ announcement ▶

◀ Erik Frambach ▶

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TUG'98, Torun, Polen

geen samenvatting (no abstract)

Redactie

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Gezeefd uit de TEX-NL discussielijst

Dit is het vijfde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” In de MAPS van voorjaar 1998 stond deel 4. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1998 tot januari 1999. Met dank aan Piet van Oostrum die opnieuw de meeste antwoorden aandroeg, en aan de andere actieve abonnees van TEX-NL!

[◀ TEX-NL ▶](#)

[◀ guru ▶](#)

[◀ hints ▶](#)

[◀ hack ▶](#)

[◀ bugs ▶](#)

[◀ Frans Goddijn ▶](#)

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PostScript Fonts op computers?

Dit artikel geeft een korte inleiding in de interne werking van PostScript computer-fonts en hun coderingen. Dit artikel is een aanpassing van een serie slides die gepresenteerd werden op de NTG bijeenkomst van 22 oktober 1998 in Leuven.

[◀ fonts ▶](#)

[◀ PostScript fonts ▶](#)

[◀ Taco Hoekwater ▶](#)

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How to install a Type1 font using fontinst

In this brief tutorial I will describe how a PostScript Type 1 font can be made available to T_EX using the fontinst-utility (version 1.8). I will not delve into the technical details of this program or the exact functionality of each of the font files used during this process, as those aspects of font-installation are described in other articles in this issue of MAPS. I will not delve into the advanced features of fontinst either, but rather will provide a hands-on tutorial.

[◀fontinst▶](#)
[◀Type 1 fonts▶](#)
[◀installation▶](#)

[◀Maarten ...▶](#)

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Installing PostScript Fonts Under Unix/Linux

This article discusses practical issues for installing Adobe PostScript fonts for \TeX running on Unix/Linux. It also presents a script for automating the installation in order to install a package with over 200 fonts. As a useful side effect, the script creates a font data base and a font catalog to help the buyer/user of the font collection.

[◀ fonts ▶](#)
[◀ PostScript ▶](#)
[◀ Linux ▶](#)
[Adobe](#)
[dvips](#)
[◀ GhostScript ▶](#)

[◀ Roland Kwee ▶](#)

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NFSS: using font families in L^AT_EX2_ε

This paper gives a brief overview of the L^AT_EX2_ε NFSS font machinery and font definition files. It also gives examples of ad-hoc font changes with low-level NFSS commands.

◀ NFSS ▶
font families
font attributes

◀ Siep Kroonenberg ▶

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[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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Fonts in ConT_EXt

This article is the revised chapter 5 of the ConT_EXt reference manual, typeset in the MAPS layout. We will pay attention to all kind of font switching, fine tuning, and also provide some background information. Special attention is paid to the mapping of font names to files and some words are spent on encodings. This text is typeset in Lucida Bright but within the layout specification of the MAPS.

[◀ ConT_EXt ▶](#)
[◀ fonts ▶](#)
[encodings](#)
[◀ typography ▶](#)

[◀ Hans Hagen ▶](#)

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De Euro in T_EX

geen samenvatting (no abstract)

euro teken
euro fonts

Hein Laan

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A short introduction to font characteristics

Almost anyone who develops an interest in fonts is bound to be overwhelmed by the bewildering variety of letterforms available. The number of fonts available from commercial suppliers like Adobe, URW, LinoType and others runs into the thousands. A recent catalog issued by FontShop alone lists over 25.000 different varieties. And somehow, although the differences of the individual letters are hardly noticable, each font has its own character, its own personality. Even the atmosphere elucidated by a text set from Adobe Garamond is noticably different from the atmosphere of the same text set from Stempel Garamond. Although decisions about the usage of fonts, will always remain in the realm of esthetics, some knowledge about font characteristics may nevertheless help to create some order and to find out why certain design decisions just do not work. The main aim of this paper is to provide such background by describing the main aspects that might be used to describe a font.

[typefaces](#)

[◀ design ▶](#)

[font classification](#)

[◀ Maarten ... ▶](#)

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Introducing Eetex

This article gives an introduction to eetex. Eetex is an extension to e-tex 2.0 that defines a collection of new primitives. Most of these deal with list data structures, but some other things are added as well.

[◀ e-TeX ▶](#)

[eeTeX](#)

[◀ extensions ▶](#)

[◀ SGML ▶](#)

[◀ Taco Hoekwater ▶](#)

[◀ Hans Hagen ▶](#)

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The pdf_TE_X users manual

geen samenvatting (no abstract)

◀ pdf_TE_X ▶

◀ manual ▶

Hàn Thê Thành

◀ Sebastian Rahtz ▶

◀ Hans Hagen ▶

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Introducing $\text{V}\text{T}_{\text{E}}\text{X}/\text{Linux}$

This document is a short introduction to $\text{V}\text{T}_{\text{E}}\text{X}$ for Linux, a partial port of $\text{V}\text{T}_{\text{E}}\text{X}$ that is free for non-commercial use. The most interesting feature of the compiler is the use of PDF as a backend instead of DVI.

[◀VTeX▶](#)

[◀Linux▶](#)

[◀port▶](#)

MicroPress

[◀Taco Hoekwater▶](#)

[◀Michael Vulis▶](#)

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Introducing GeX

This is a short introduction to the pilot release of GeX. GeX is the most rapidly evolving part of $\text{V}\text{T}_{\text{E}}\text{X}$; more detailed documentation is available in the distribution of $\text{V}\text{T}_{\text{E}}\text{X}$. This article specifically describes GeX as implemented in the public domain version of $\text{V}\text{T}_{\text{E}}\text{X}/\text{Linux}$. While the same or additional features may be available in the commercial Windows version, we describe what exists in the freely downloadable version. For information on downloading $\text{V}\text{T}_{\text{E}}\text{X}/\text{Linux}$ see the NTG web site or the article in this MAPS issue.

[◀PDF▶](#)

[inline graphics](#)

[◀EPS inclusion▶](#)

[GeX](#)

[◀VTeX▶](#)

[◀Taco Hoekwater▶](#)

[◀Michael Vulis▶](#)

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4Spell, a spell-checker for Windows 95/98/NT

In this paper we will describe the features of 4Spell 1.1, a Windows spell-checker for T_EX documents. Since there aren't many good spell-checkers around and since 4Spell only works on Windows platforms, we will also explain how the spell-checking is done. This should make it possible to write a spell-checker for other platforms (why not use perl and become platform independent :-). 4Spell is part of the new 4T_EX for Windows (release expected by the end of March 1999). We realized, however, that this tool could be useful for people who do not want to use 4T_EX and hence we made it a stand-alone freeware program.

[4spell](#)

[◀4T_EX▶](#)

[◀spell checker▶](#)

[◀Wietse Dol▶](#)

[◀Erik Frambach▶](#)

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4Project: a project manager for T_EX

A new project manager, 4Project, analyses your T_EX document and gives you easy access to any item in it.

[project ...](#)

[◀ Erik Frambach ▶](#)

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[p 127-129](#)  [76 kB](#)

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How Perl can help T_EX

Perl may be an easy interface to T_EX when it comes to repetitive tasks, like writing letters, creating reports from databases, and many more. This article shows how Perl can be used to generate many similar pictures via the `mfpic` style

◀ Perl ▶
mfpic
mkpic

◀ Wybo Dekker ▶

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p 130-135  85 kB

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Is T_EX Y2K-compliant?

Will T_EX and related programs continue to work properly after the year 2000? This article describes how T_EX deals with dates and how this affects its behavior after the year 2000.

millennium
Y2K

◀ Erik Frambach ▶

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A Database for PPCHTeX

A database with PPCHTeX code would ease the work for those who have to draw chemical formulas only occasionally and have no time to become acquainted with it. But experts could also make use of it. The establishing of such a database is discussed and proposed.

[◀ PPCHTeX ▶](#)

[◀ chemistry ▶](#)

[◀ structure ... ▶](#)

[◀ databases ▶](#)

Richard Müller

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Beginnen met ConT_EXt

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◀ ConT_EXt ▶
◀ tutorial ▶

◀ Berend de Boer ▶

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Optimizing T_EX code

Macros can be collected in macro packages. These packages can be stored in a form that permits fast loading. Although T_EX is already pretty fast, for demanding applications it makes sense to speed up T_EX to the max. Switching to e-T_EX and beyond is one way to achieve this, another way can be found in optimizing the macro code by means of a dedicated program. Currently the combination of both can speed up T_EX runs by at least 10%.

[speeding up](#)

[◀ format ▶](#)

[optimizing code](#)

[◀ e-T_EX ▶](#)

[◀ ConT_EXt ▶](#)

[◀ Hans Hagen ▶](#)

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Tabulating in ConT_EXt

This article describes the ConT_EXt tabulate environment, which can be used to typeset tables that are part of the text flow. This mechanism differs from the TaB_LE based table mechanism, but recognizes the same preamble commands. It offers automatic width calculations when typesetting (multiple) paragraphs in tables and splits the tables over pages.

[◀ tables ▶](#)

[◀ alignment ▶](#)

[◀ ConT_EXt ▶](#)

[◀ Hans Hagen ▶](#)

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Bug or Feature? – misleading font messages

T_EX error messages and warnings are not always that clear. Sometimes confusion is due to optimizations in T_EX the program. We will discuss the noty always honest `\the\font`.

◀ fonts ▶
error messages

◀ Hans Hagen ▶
◀ Taco Hoekwater ▶

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Don't give authors the class files!

geen samenvatting (no abstract)

publishing

◀ Kaveh Bazargan ▶

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Robin Williams over typografie – een dame geeft raad

Tijdens de heuglijke NTG-dag in het vorstelijke Leuven vond ik op de boekentafel van Addison-Wesley twee leuk uitziende boeken over typografie en ontwerp. Mooie, knalgele boekjes die even onderhoudend als leerzaam bleken, geschreven door Robin Williams: *The Non-designers's Type Book* en *The Non-designers's Design Book*. Ik sla er één voor u open.

◀ typography ▶

◀ fonts ▶

◀ design ▶

expert

◀ book review ▶

◀ Frans Goddijn ▶

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Typography to a purpose

This paper shows some real-life examples of typography, some good, some not so good. We shall have a look at what is on the page and speculate about what the publisher or designer is trying to accomplish.

[graphic design](#)

[◀ typography ▶](#)

[◀ Siep Kroonenberg ▶](#)

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Report on T_EX-Tagung Dante'99 in Dortmund

A report on Dante's 20th meeting which took place in Dortmund. The future of the NTS project and the e-T_EX project were hot issues that were discussed during this meeting.

[◀ report ▶](#)

[◀ Dante ▶](#)

[◀ NTS ▶](#)

[◀ e-T_EX ▶](#)

[◀ Erik Frambach ▶](#)

[◀ Taco Hoekwater ▶](#)

[◀ Siep Kroonenberg ▶](#)

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Redactioneel

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T_EX as presentation tool - an introduction to the ConT_EXt ...

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Redactioneel

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◀ Taco Hoekwater ▶

◀ Siep Kroonenberg ▶

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NTG and T_EX info

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◀ NTG ▶

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De NTG en het Internet (1999/2)

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◀ discussionlist ▶

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◀ Maarten ... ▶

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T_EX User Groups around the world

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◀ T_EX user groups ▶
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◀ Erik Frambach ▶

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TUG'99, Vancouver

geen samenvatting (no abstract)

◀ T_EX user groups ▶
Vancouver
◀ TUG conference ▶

◀ Siep Kroonenberg ▶

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Gezeefd uit de TEX-NL discussielijst

Dit is het zesde deel uit een serie die in 1993 door Philippe Vanoverbeke in de MAPS is gestart. Philippe maakte een selectie van berichten uit de TEX-NL lijst. Een aantal oplossingen, hints en gouden tips over onderwerpen waarvan je weleens denkt: “hoe zat dat ook alweer?” In de MAPS van najaar 1998 stond deel 5. Voor deze aflevering is een aantal berichten gezeefd uit TEX-NL van maart 1999 tot juli 1999.

[◀ TEX-NL ▶](#)

[◀ guru ▶](#)

[◀ hints ▶](#)

[◀ hack ▶](#)

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[◀ Frans Goddijn ▶](#)

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The NTG MAPS bibliography – from SGML to T_EX to PDF

A few years ago, the NTG decided to put their MAPS volumes on the internet in the PDF file format. At about the same time, it was decided to build the associated bibliography in such a way that it could be used to produce both a HTML and PDF document.

Recently, the MAPS bibliography has been converted to a proper XML document source. In the process, the descriptions were made as consistent as possible. The XML source was used as input for a PDF document, that provides extensive browse and search options. This PDF file, along with the MAPS articles, is provided to NTG members as an additional service.

In this article the electronic NTG MAPS will be presented and the specific characteristics of the production process will be explained. Also, some of the complicating aspects will be discussed. I assume that the reader is familiar with SGML and T_EX. The focus will be on the interface between SGML, T_EX and PDF.

[◀ CDROM ▶](#)[◀ ConT_EXt ▶](#)[◀ NTG ▶](#)[◀ MAPS ▶](#)[◀ PDF ▶](#)[◀ SGML ▶](#)[◀ XML ▶](#)[◀ Hans Hagen ▶](#)

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4 \TeX 5.0 for Windows and the 4all \TeX CDroms

Every year many software distributors launch a new version of their software products. They all tell you that there are fundamental improvements and bug fixes and that you have to upgrade immediately. With the release of edition 5 of 4all \TeX you could ask yourself what this new edition offers as compared to e.g. the older versions of 4all \TeX and the \TeX -live CDrom. Below we will give a summary of all of the goodies of the new 4all \TeX distribution and give you pointers to the internet where you can find more information.

[◀ 4 \$\TeX\$ ▶](#)

[◀ 4all \$\TeX\$ ▶](#)

[◀ Windows ▶](#)

[◀ software ▶](#)

[◀ Wietse Dol ▶](#)

[◀ Erik Frambach ▶](#)

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Toolbox: the toolbox?

This MAPS is about the T_EX Toolbox, about other programs than T_EX itself. So this MAPS's toolbox should probably deal with this kind of material. As a consequence this toolbox is even more eclectic than earlier ones. First I will show you how I make mailings to NTG-members, by combining Excel and L^AT_EX. Next I will present the most ugly regular expression I know of, and finally I will say something about using makefiles.

◀ mail-merge ▶
regular ...
◀ emacs ▶
Excel
makefiles
◀ toolbox ▶

◀ Maarten ... ▶

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p 53-55  79 kB

publications keywords authors titles introduction previous next search exit

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Maak een logo met behulp van literate programming

In dit artikel wordt beschreven hoe de *literate programming* techniek gebruikt kan worden om complexe taken uit te voeren en te documenteren. Als voorbeeld wordt een logo ontworpen met behulp van de gereedschappen AWK, picT_EX en L^AT_EX.

◀ literate ... ▶

◀ WEB ▶

Nuweb

◀ logos ▶

◀ Paul Huygen ▶

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Zet tekst op een vaste plaats op een bladzijde

In dit artikel is beschreven hoe een \LaTeX probleem werd opgelost door het aan de \TeX kopstukken voor te leggen via de NTG mailing list. Het concrete \LaTeX probleem was het plaatsen van tekst op een vaste plaats op een bladzijde.

[◀DTP▶](#)

[◀ \$\text{\LaTeX}\$ ▶](#)

[◀Paul Huygen▶](#)

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DTP with T_EX

A set of simple macros is presented, in the style of modular programming, to make it easy to put texts at arbitrary positions on the page, without being restricted by formatting rules. This is not only useful for single-page documents like announcements and business cards, but also for designing stationery with letterheads or printing labels. The method is based on putting kerned texts in boxes with zero horizontal and vertical size and staying in vertical mode. This works with plain, and any other, T_EX and can be combined with any other document formatting.

◀ programming ▶

◀ DTP ▶

vertical mode

◀ Roland Kwee ▶

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Het gebruik van KIX (tm) in T_EX

Recentelijk introduceerde de Nederlandse PTT de zogenaamde KIX (tm)-code. Deze KlantIndex is een streepjescode die gebruikte wordt ten behoeve van de automatische verwerking van poststukken. In dit artikel laat ik zien hoe KIX met relatief weinig moeite gebruikt kan worden binnen T_EX en L^AT_EX.

KIX
font
barcode
PTT

◀ Maarten ... ▶

MAPS 23 1999

p 75-76  30 kB

[publications](#) [keywords](#) [authors](#) [titles](#) [introduction](#) [previous](#) [next](#) [search](#) [exit](#)

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An Extended Maths Font Set for Processing MathML

Last years autumn, work started on a new set of mathematical fonts that are intended to cover the full range of characters included in MathML as well as those included in the proposals for mathematical extensions in the next version of Unicode.

This paper presents the first result of that work: A new Times-compatible maths font set consisting of about 1500 symbols and a few alphabets; along with a collection of T_EX macros to use them.

These fonts are donated to the public domain by Kluwer Academic Publishers and are available in both METAFONT source and Adobe Type 1 formats.

[◀ math ▶](#)

[◀ fonts ▶](#)

[◀ PostScript ▶](#)

[◀ METAFONT ▶](#)

[◀ Taco Hoekwater ▶](#)

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T_EX as presentation tool – an introduction to the ConT_EXt presentation environments

In this article I will introduce a few styles I wrote on behalf of presentations. These styles are part of the ConT_EXt distribution and can serve as an example of defining layouts in this macro package. More details can be found in the documented styles.

[◀ ConT_EXt ▶](#)
presentation

[◀ slides ▶](#)

[◀ transparencies ▶](#)

[◀ PDF ▶](#)

[◀ Hans Hagen ▶](#)

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Typesetting flow charts – let T_EX and METAPOST do the job

This article presents the ConT_EXt module that deals with flowcharts and related types of charts. The charts are drawn at run-time by METAPOST in close cooperation with T_EX. This not only gives us rather good graphics, but also provides a seamless integration of flow charts in documents, including hyperlink support and other fancy features.

[flowcharts](#)

[◀ graphics ▶](#)

[charts](#)

[◀ METAPOST ▶](#)

[◀ T_EX ▶](#)

[◀ Hans Hagen ▶](#)

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ASCII editors for T_EX on MS-Windows

There are many good ASCII editor programs available for T_EX-users using MS-Windows. However, they all have there strong points and their weaknesses. In this article I will discuss a few of them.

[ASCII editors](#)

[◀ Windows ▶](#)

[◀ comparison ▶](#)

[◀ Erik Frambach ▶](#)

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Using Emacs and AucTeX for preparing L^AT_EX documents

Users of T_EX and L^AT_EX can be helped very much by an editor that knows about the specifics of these packages. For instance it can do syntax coloring so that the user sees immediately the difference between normal text and T_EX commands; it can insert skeletons for often used commands and environments in order to prevent missing elements (e.g. missing `\end parts`), etc.

This article describes the use of the Emacs editing environment with the AucTeX package for the preparation of L^AT_EX documents. The main characteristics of Emacs are discussed, followed by a more detailed description of the facilities that AucTeX offers to assist the author of L^AT_EX documents. Finally we describe how AucTeX can be customized to support your own or external commands and L^AT_EX packages.

◀ emacs ▶

AucTeX

◀ L^AT_EX ▶

◀ T_EX ▶

◀ packages ▶

◀ editing ▶

◀ Piet van Oostrum ▶

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Tools for PostScript and PDF

This paper explains why PostScript is interesting for T_EX users, and describes various tools for working with PostScript, with special attention to GhostScript. The paper concludes with a section on PDF, the derivative of PostScript which is destined to take over much of the role of PostScript in the prepress workflow.

◀ PostScript ▶
DSC comments
◀ PDF ▶
◀ GhostScript ▶
◀ graphics ▶
◀ conversion ▶
◀ EPS inclusion ▶
bounding box

◀ Siep Kroonenberg ▶

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Redactioneel

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Praten met drukkers - Een coproductie van de MAPS-redactie en het ...

L^AT_EX met één toets vanuit vi

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Redactioneel

geen samenvatting (no abstract)

◀ Taco Hoekwater ▶
◀ Siep Kroonenberg ▶

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NTG- en T_EX Info

geen samenvatting (no abstract)

◀ NTG ▶

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Praten met drukkers – Een coproductie van de MAPS-redactie en het NTG-bestuur

Een beschrijving van de perikelen rondom het aanleveren van PostScript output aan een drukker.

drukkers
◀ PostScript ▶
DocuTech

◀ Maarten ... ▶

MAPS 24 2000

p 3-6  49 kB

view

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L^AT_EX met één toets vanuit vi

De onstaansgeschiedenis van een shell script om vanuit vi met één toets L^AT_EX op te roepen en, indien nodig, xdvi te starten voor het previewen.

shell script

vi

◀ L^AT_EX ▶

Unix

Sven A. Bovin

MAPS 24 2000

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Building a T_EX installation for distribution

At Kluwer Academic Publishers we use T_EX for typesetting journals. Since there are obvious advantages to using a standardized distribution, we provide our typesetters with one on CD. This article describes the principles of this setup.

[texmf tree](#)

[◀ Windows ▶](#)

[◀ Linux ▶](#)

[◀ Perl ▶](#)

Configuration

[◀ Siep Kroonenberg ▶](#)

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Typesetting modern & contemporary poetry with L^AT_EX

T_EX: a typesetting engine limited to scientific publishing? Where would be the fun?

poetry

◀Thierry Bouche▶

MAPS 24 2000

p 12-26  464 kB

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The Design and Use of a Multiple-Alphabet Font with

The project aims to offer open and flexible means for typesetting different scripts. By working at several different levels, it is possible to offer natural support for different languages and scripts, and strictly respect typographical traditions for each of them. This is illustrated with a large PostScript Type 1 font for the commonly used left-to-right non-cursive alphabets, called `omlgc` (Latin-Greek-Cyrillic). This font, which more than covers the Unicode sections pertaining to those alphabets, as well as those of IPA, Armenian, Georgian and Tifinagh (Berber), is built-virtually-out of smaller glyph banks. The typesetting engine, based on that of $\text{T}_{\text{E}}\text{X}$, is used to print documents using this font. The characters can be accessed either directly, or through the use of filters, called Typesetting Processes (OTPs), which are applied to the input stream.

Multiple-Alphabet ...
`omlgc`

◀ Yannis ... ▶
John Plaiçe

MAPS 24 2000

p 27-37  168 kB

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T_EX in Polish

Writing in Polish with T_EX requires a few tricks. In Polish you need several accents that are often not available in 'standard' fonts. Some T_EX macros can solve this problem more or less. We will show the pros and cons. Another 'problem' is input encoding. One can use 8-bit input in combination with the corresponding codepage definition, or a 7-bit encoding with a few extras to make typing easier. Both methods will be discussed. This article reflects the content of a lecture held at the NTG meeting on 11 November 1999.

Polish
ogonek
input encoding

◀ Erik Frambach ▶

MAPS 24 2000

p 38-40  60 kB

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Toolbox

This toolbox contains some varia. First I discuss some reactions on remarks I made in an earlier toolbox. Next, Hans Hagens `texexec` is used in the following section to create EPS and PDF files from METAPOST source. Files created this way are often more usefull than the EPS files METAPOST itself creates. How to prepare a single source file for usage with both traditional $\text{T}_\text{E}\text{X}$ and `pdfTEX` is discussed next. I also show how easy it is to set up a font different from Computer Modern for typesetting simple mathematics, pay some attention to a failed attempt to install a TrueType font and present a small PostScript header file that can be used to produce watermarks.

[make](#)

[◀texexec▶](#)

[◀PDF▶](#)

[◀EPS▶](#)

[◀math fonts▶](#)

[◀toolbox▶](#)

[◀Maarten ...▶](#)

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Making stand alone METAPOST graphics

When a METAPOST graphic uses fonts, the PostScript file is not self contained and hardly usable outside T_EX. One can however use T_EX itself, or actually pdfT_EX, to create such a graphic. Although this method uses an ConT_EXt module, the solution provided here is independant of this macro package. The macros responsible for the process are collected in the file `mptopdf.tex`.

◀ METAPOST ▶

◀ PDF ▶

◀ pdfT_EX ▶

◀ Hans Hagen ▶

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p 44-45  36 kB

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Typesetting CD labels

Now that CD burners are becoming standard equipment in personal computers, there is a need for software to typeset CD labels. Of course, one can just squeeze a normal paragraph of text in the confines of a label, but it would be much more elegant to set the text to use all the available space. In this short article I will explain the macros that I wrote during a Christmas holiday, and that contain a few neat tricks.

CDROM labels
`\parshape`

◀ Victor Eijkhout ▶

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The ultimate loop macro

The plain \TeX format contains a `\loop` macro that has been a source of frustration and puzzlement to users ever since. Its syntax is somewhat strange, you have to insert an `\if...` condition in it but cannot use `\else`, and nested use of the macro runs into various problems. In this article I will describe my own improved loop macro, which I've called `\repeat` to prevent confusion.

◀ programming ▶
loop macro

◀ Victor Eijkhout ▶

MAPS 24 2000

p 49-51  38 kB

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Annotating presentations

Today most presentations are enlightened by text shown on transparencies or using video beamers. This text is often rather limited in size. In this article I present a method of annotating pages that can be used with the ConT_EXt presentation styles.

Postprocessing PDF files—an application of $\text{T}_{\text{E}}\text{X}$ exec and $\text{pdfT}_{\text{E}}\text{X}$

This article introduces some ways to manipulate PDF files using $\text{pdfT}_{\text{E}}\text{X}$, $\text{ConT}_{\text{E}}\text{Xt}$, and $\text{T}_{\text{E}}\text{X}$ exec. The method described here can be used for arbitrary PDF input, given that it can be handled by $\text{pdfT}_{\text{E}}\text{X}$.

[◀ PDF ▶](#)
[postprocessing](#)
[◀ texexec ▶](#)
[◀ pdfT_EX ▶](#)

[◀ Hans Hagen ▶](#)

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[p 54-57](#)  [46 kB](#)

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Literate Programming

This article is a short introduction to the theory and practice of a programming style known as Literate Programming; a style that changes the focus of writing programs away from telling a computer what to do and toward explaining to a person what it is we are telling the computer to do. Literate Programming overcomes the limitations inherent in presenting traditionally structured program text. Using a balanced mix of informal and formal methods, literate programs are presented in a way suited for human understanding. Processing a literate program source results in both a nicely typeset document describing the parts of the program in an order that elucidates their design, and source code in an order in which it will compile.

Literate ...
Structured ...

◀WEB▶

Michael A. ...

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p 59-64  142 kB

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L^AT_EX in proper ConT_EXt

If you are a L^AT_EX user, switching to an entirely different macro-package is a very big step. Everything you put so much effort in to learn, doesn't work anymore. To help lessen the pain for users make the switch, this document shows short L^AT_EX code snippets and how you do the same in ConT_EXt.

◀ ConT_EXt ▶
◀ tutorial ▶

◀ Berend de Boer ▶

MAPS 24 2000

p 65-92  80 kB

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a

abstract ◀▶
academic ✖
Acorn ✖
Acrobat ◀▶
actions ◀▶
active documents ✖
active list separators ◀▶▶▶
activities ◀▶
addresses ◀▶▶▶
AdjKerns ✖
administration ✖
Adobe ✖
algorithms ✖
aligning figures ✖
alignment ◀▶
AMS ◀▶
AMSL^AT_EX ✖
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analytic geometry ✖
announcement ◀▶▶▶
Apollonius ✖
application ✖

arabic ✖
ArabT_EX ✖
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archives ◀▶▶▶
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automated font generation ✖
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automated typesetting ✖
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b

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BachoT_EX ◀▶▶▶
back-end ✖

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c d
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i j
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q r
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u v
w x
y z

barcode ✖
base distribution ✖
BBS ◀▶▶
beginner ◀▶
beta preview ✖
bibdb ✖
bibedit ✖
bibliography ◀▶▶
Bib \TeX ◀▶
Big5 ✖
Big \TeX ✖
binary tree ✖
bitmap ✖
bitmapped fonts ✖
block comment ✖
BLUe ◀▶▶
BLUe format ◀▶▶
BLUe introduction ✖
BLUe script ✖
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m n
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q r
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w x
y z

CJK ✖
class file ✖
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code tables ✖
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Cork ◀▶▶
counter ✖
courses ◀▶▶
courseware ✖
craft typography ✖

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CTAN ◀▶▶
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curve ✖
curvilinear ✖
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CyrTUG ◀▶▶

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Darmstadt ✖
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database publishing ✖
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data distribution ✖
data generation ✖
data integrity ◀▶▶
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DECwrite ✖
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dialogue with T_EX ✖
dice ✖
dictionaries ✖
Digital Equipment ✖
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djgpp ✖
docstrip ✖
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c	d
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k	l
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o	p
q	r
s	t
u	v
w	x
y	z

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DocuTech ✖
Donald Knuth ✖
DOS ✖
DOSKEY ✖
Douat ✖
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dropped caps ✖
drukkers ✖
DSC comments ✖
dsssl ✖
DTD ◀▶
DTP ◀▶
Dubna ◀▶▶
Duerer ✖
dutch ◀▶▶
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editing colored T_EX ✖
editor ✖
education ◀▶▶
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escape character ✖
Escher ◀▶
euro fonts ✖
euro token ✖

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y	z

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\expandafter ✖
expansion ◀▶▶
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export ✖
extended T_EX ◀▶▶
extensions ◀▶▶

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Farsi ✖
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fontkeuze ✖
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formatting ◀▶▶
formulas ✖
fotozetters ✖
4allT_EX ◀▶▶
4spell ✖

Keywords

a b
c d
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g h
i j
k l
m n
o p
q r
s t
u v
w x
y z

4_TEX ◀▶▶
fractal ✖
frame ✖
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frequently asked questions ◀▶▶
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FrontDoor ✖
FTP ▶▶▶
functionality ✖
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Gdansk ▶▶
generic style ▶▶
geschiedenis ✖
GeX ✖
GhostScript ▶▶▶
global optimization ✖
glossary ▶▶▶
glue ✖
go ✖
graphic design ✖
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graphics 3D ✖

graph referencing ✖ ✖
Greek ✖
greyboxes ✖
grids ✖
Groene Boekje ✖
guide ▶▶
guidelines ✖
guru ▶▶▶
GUST ▶▶▶
GUTenberg ▶▶

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\halign ✖
headings ✖
heap sort ▶▶
help ✖
Hermann Zapf ✖
hidden lines ✖
high quality printing ✖
Hilbert ✖
hints ▶▶▶
house style ✖
HTML ▶▶▶
hyperlink ✖

Keywords

a b
c d
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g h
i j
k l
m n
o p
q r
s t
u v
w x
y z

hyperT_EX ◀▶▶
hyphenation ◀▶
hyphenation of accented words ▶

i
image ▶
imperative code ▶
import ▶
inclusion of graphics ▶
indentation ▶
index ◀▶▶
index preparation ◀▶▶
inline graphics ▶
inner versus outer world ▶
input encoding ▶
INRST_EX ▶
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Kepler ▶
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Kluwer ▶
KNCV ▶
Knuth ◀▶▶
Koch island ◀▶

Keywords

a b
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m n
o p
q r
s t
u v
w x
y z

l
labelling figures ✖
LAMST_EX ◀▶
language ✖
laser printers ✖
L_AT_EX ◀▶▶
L_AT_EX2.09 ◀▶
L_AT_EX2e ◀▶▶
L_AT_EX2HTML ✖
L_AT_EX3 ◀▶▶
L_AT_EX companion ✖
L_AT_EX cursussen ✖
L_AT_EX installation ✖
layout ◀▶▶
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Introduction

Deze bibliografie omvat alle artikelen die in de eerste 24 nummers van NTG's tijdschrift MAPS zijn verschenen, plus de artikelen gepubliceerd in de proceedings van de EuroT_EX-conferentie in 1995, die door de NTG is georganiseerd. De bibliografie omvat in totaal ruim 700 artikelen.

This bibliography contains all the articles published in the first 24 issues of NTG's journal MAPS, plus the articles from the proceedings of the EuroT_EX conference in 1995, which was organized by the NTG. In total it contains over 700 articles.

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De Nederlandstalige T_EX Gebruikersgroep heeft tot doel het in brede zin ondersteunen van de typografische programmeertaal T_EX en het gelijknamige programma. In dat kader worden regelmatig bijeenkomsten en cursussen georganiseerd, diverse mailinglijsten ondersteund en het tijdschrift MAPS uitgegeven. Meer informatie over de NTG is te vinden op de website www.ntg.nl en is per email aan info@ntg.nl te verkrijgen.

The main objective of the Dutch Language Oriented T_EX User Group is to support the typographic programming language T_EX as well as the program with the same name. In this perspective, the NTG organizes meetings and courses, it supports several mailings lists, and publishes the journal MAPS. More information on the NTG can be found at the website www.ntg.nl or can be requested by sending email to info@ntg.nl.

Nederlandstalige T_EX Gebruikersgroep, mei 2001

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