

**MAPS
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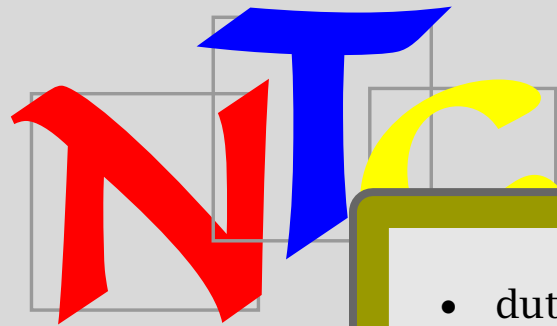
titles

introduction

exit

1

title page



publications

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authors

titles

- dutch/belgian colors
- menu at the right and bottom
- dutch and english texts

title page

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.

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article description

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 ▶
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publications keywords authors titles

- title lines
- short abstract
- minimal typography
- two menu areas

article description

Publications

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- rather dull entries
- three columns
- simple right menu

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Expansion, what is that?
Color in professional print production
Microsoft buys T_EX, plans new products
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Color in professional print production
Microsoft buys T_EX, plans new products
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Typografische scanning
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- local table of contents
- titles limited in length
- simple right menu

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y z

keyword index

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- linked entries
- two columns
- dedicated right menu

keyword index

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 Mimi Jett ✕
 Rob de Jeu ✕
 David Jones ✕
 Johan Jonker ✕

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George Greenwade ◀▶
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Virtual Fonts, Virtuous Fonts

When T_EX and METAFONT Work Together

Anita Hoover

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

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

Roger Hunter

A Future for T_EX

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Maak een logo met behulp van literate programming

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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.

We raden aan om Acrobat Reader in te stellen op 'Full Screen' (via 'View' menu) of op 'Fit in Window'. 'Full Screen' kan weer verlaten worden door op Esc te drukken.

We recommend that you set Acrobat Reader's view to 'Full Screen' (through 'View' menu) or to 'Fit in Window'. From 'Full Screen' you can return to window view by pressing Esc.

Door middel van indexen op titels, sleutelwoorden en auteurs kunnen artikelen eenvoudig opgezocht worden. Daarnaast kan gebruik worden gemaakt een standaard zoekfunctie door op de knop 'search' te klikken. Door te klikken op de knoppen 'previous' en 'next' kan achteruit c.q. vooruit gebladerd worden.

Indexes on titles, keywords and authors can be used to search for articles. A standard search feature is also available by clicking on the 'search' button. The buttons 'previous' and 'next' can be used to move backwards and forwards.

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authors

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next

exit

colofon

Introduction

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We raden aan om Acrobat Reader in te stellen (via het 'View' menu) of op 'Fit in Window'. 'Full Screen' kan worden ingeschakeld door op Esc te drukken.

We recommend that you set Acrobat Reader to 'Fit in Window' (via the 'View' menu) or to 'Fit in Window' by pressing Esc.

Door middel van indexen op titels, sleutelwoorden eenvoudig opgezocht worden. Daarnaast is er een standaard zoekfunctie door op de knop 'Search' te klikken. De knoppen 'previous' en 'next' kan worden gebruikt om te navigeren.

Indexes on titles, keywords and authors make it easy to find articles. A standard search feature is also available. The buttons 'previous' and 'next' can be used to navigate forwards.

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keywords

authors

titles

- a little bit of text
- active URL
- simple right menu

colofon

- 24 MAPS volumes
- 747 entries
- 824 pages (screens)
- 19.435 hyperlinks
- 4.8 MegaByte document

some statistics

```
<bibentry type="article" id="20-44" language="en">
  <title>
    The Calculator Demo -- Integrating &tex;, Meta
  </title>
  <author>
    <au index="hagenh"><fn>Hans</fn><sn>Hagen</sn>
  </author>
  <published volume="20" year="1998" pages="290-29
    <journal>MAPS</journal>
  </published>
  <keywords>
    <key>METAPOST</key> <key>JavaScript</key> <key>
    <key>&context;</key> <key>pdf&tex;</key>
  </keywords>
  <abstract>
```

the data file

```
\setuppapersize
```

```
[S6][S6]
```

```
\setuplayout
```

```
[topspace=10pt,backspace=10pt,
```

```
margin=0pt,
```

```
rightedge=120pt,rightedgedistance=20pt,
```

```
width=440pt,height=fit,
```

```
header=0pt,footer=0pt,
```

```
bottom=20pt,bottomdistance=10pt]
```

setting up the layout

```
\setupbodyfont  
  [lbr,10pt]  
  
\usesymbols  
  [nav]  
  
\setupsymbolset  
  [navigation 1]  
  
\setupcolors  
  [state=local]
```

fonts and colors

```
\setupbackgrounds  
  [page]  
  [background=screen]
```

```
\setupbackgrounds  
  [text,bottom]  
  [rightedge]  
  [background=color,  
   backgroundcolor=darkblue,  
   backgroundoffset=10pt]
```

backgrounds

```
\setupinteraction  
  [state=start,  
   page=yes,  
   menu=on,  
   style=\ssbf,  
   symbolset=navigation 1,  
   color=darkred,  
   contrastcolor=darkred]
```

basic interaction features

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abstract ◀ ▶

academic ✖

Acorn ✖

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active documents ✖

linked keyword

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a

abstract ◀▶

academic ✖

Acorn ✖

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actions ◀▶

active document

```
\defineregister
```

```
[keyword]
```

```
[keywords]
```

```
\setupregister
```

```
[keyword]
```

```
[maxwidth=.8\hsize,
```

```
expansion=yes]
```

linked keyword

ates that by
documents.
e our main
T_EX as well

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keyword menu

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ates that by
documents.
e our main
T_EX as well

```
\setupregister  
  [keyword]  
  [coupling=yes]  
\coupleregister  
  [keyword]
```

keyword menu

```
\setupinteractionmenu  
  [bottom]  
  [state=start,  
   height=\bottomheight,  
   samepage=empty, unknownreference=empty,  
   frame=off, background=color,  
   backgroundcolor=darkblue,  
   color=white, contrastcolor=white,  
   style=\ssbf]
```

setting up menus

publications keywords authors ti

```
om]
publications \\
keywords \\
authors \\
titles \\
previous \\
ext \\
earch \\
xit \\
```

```
\stopinteractionmenu
```

bottom menu

publications

```
\startinteractionmenu[bottom]
  \but [publications]      publications  \\
  \but [keywords]         keywords     \\
  \but [authors]          authors      \\
  \but [titles]           titles       \\
  \but [previoussubpage]  previous   \\
  \but [nextsubpage]     next        \\
  \but [SearchDocument]  search     \\
  \but [CloseDocument]   exit       \\
\stopinteractionmenu
```

bottom menu

arch

exit

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view

status area in menu



arch exit

```
\defineinteractionmenu  
[publication][right]  
[color=white,  
frame=off,  
style=\ssbf,  
distance=overlay]
```

status area in menu

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simple lists

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From the TUO

Redactioneel

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Financieel ve

Jaarverslag n

```
\definehead
  [publicationtitle]
  [section]

\setuplist
  [publicationtitle]
  [alternative=f,
   interaction=all,
   maxwidth=.8\textwidth,
   before=,after=]
```

simple lists

arch

exit

next

exit

t]

titles \\

previous \\

ext \\

xit \\

viewer control



arch exit

```
\startinteractionmenu[right]
...
\but [titles]          titles  \\
\vfill
\but [previoussubpage] previous \\
\but [nextsubpage]    next     \\
\but [CloseDocument] exit     \\
...
\stopinteractionmenu
```

viewer control

i	j
k	l
m	n
o	p
q	r

ation][authors]

alphabetic entries

i j
k l

```
... embedded ...  
\registermenubuttons[navigation][authors]  
... in macro ...
```

alphabetic entries

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no symbols

Redactioneel (1998/2)

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An Introdu

Detailed C

```
\defineregister  
  [titlebyauthor]  
  [titlesbyauthor]  
  
\setupregister  
  [titlebyauthor]  
  [n=1,  
   symbol=none,  
   interaction=text,  
   indicator=no]
```

no symbols

```
\defineSGMLseparateentity
```

```
[br]
```

```
{\blank}
```

```
\defineSGMLgroupedentity
```

```
[em]
```

```
{\bgroup\em}
```

```
{\egroup}
```

some trivial interfacing


```
\defineXMLenvironment [bibentry]  
  [type=,id=,language=]  
  {\bgroup}  
  {\Bibentry\egroup}
```

```
\defineXMLpush [keywords]  
  
  \defineXMLargument [key]  
    [index=]  
    {\HandleKey}
```

```
\defineXMLpush [editor]  
\defineXMLpush [abstract]
```

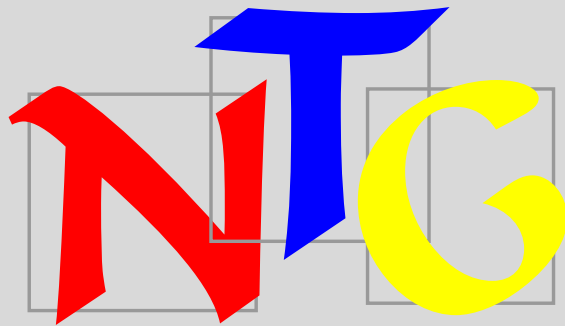
saving and processing

```
\def\HandleKey#1%
  {\noindent \hbox to \hsize
    {\strut \hfill \ignorespaces
      \doifXMLparelse{key}{index}
        {\coupledkeyword
          [&\XMLpar{key}{index}{}]
          {#1}}
        {\coupledkeyword{#1}}}%
  \unskip \hfill} \par}
```

manipulating data

```
\structuralelement[publications]{Publi..  
\startcolumns[n=3]  
  \placelist[publication][criterion=all]  
\stopcolumns  
\processXMLfilegrouped{mapsbib.xml}
```

the main text flow



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