

proTeXt — yet another TeX-Collection?

Th. Feuerstack/
K. Höppner

March 9, 2005

Prelude on stage

The year 2005 – the whole world seems is occupied by M\$-Wordians.

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The general Setup
of the kit

Things to discuss

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? Really the whole world?

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The year 2005 – the whole world seems is occupied by M\$-Wordians.

- ? Really the whole world?
- ▶ According to our experience there are still some TeX interested individuals

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The year 2005 – the whole world seems is occupied by M\$-Wordians.

- ? Really the whole world?
- ▶ According to our experience there are still some TeX interested individuals
- ! And lately they become even more...

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Compared to the mainstream users named above, the coming $\text{T}_{\text{E}}\text{X}$ -user suffers from a handicap which usually is an advantage, i.e.:

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Compared to the mainstream users named above, the coming TeX-user suffers from a handicap which usually is an advantage, i.e.:

- ✓ A complete TeX-environment is highly adjustable to the user's needs. Everybody can choose the editor, TeX-engine, postprocessing tools, ... she/he likes best.

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Things to discuss

Compared to the mainstream users named above, the coming TEX-user suffers from a handicap which usually is an advantage, i.e.:

- ✓ A complete TEX-environment is highly adjustable to the user's needs. Everybody can choose the editor, TEX-engine, postprocessing tools, ... she/he likes best.
- ✗ Unfortunately most "rookies" are no more accustomed to such conditions, because "modern software" claims an "All-in-One"-Status.

The “Furthermore you also need” situation

Lets imagine someone asks you, how to find an entrance in $\text{T}_\text{E}\text{X}$. So you'll point him to

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Lets imagine someone asks you, how to find an entrance in $\text{T}_{\text{E}}\text{X}$. So you'll point him to

- ▶ an easy to install $\text{T}_{\text{E}}\text{X}$ -implementation...

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- ▶ an easy to install $\text{T}_{\text{E}}\text{X}$ -implementation...
- ▶ ... an easy to use editor to compose his texts...
- ▶ ... additional information and How-To's to learn the way $\text{T}_{\text{E}}\text{X}$ works...

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- ▶ ...

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 - ▶ ...

The “Furthermore you also need” situation

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Lets imagine someone asks you, how to find an entrance in TEX. So you'll point him to

- ▶ an easy to install TEX-implementation...
 - ▶ ... an easy to use editor to compose his texts...
-
- ▶ ... additional information and How-To's to learn the way TEX works...
 - ▶ ...
- !** As to us, most “someones” give up between the items 2 and 3 and fade...

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A picture of this situation

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A picture of this situation

If the goal is something like this...



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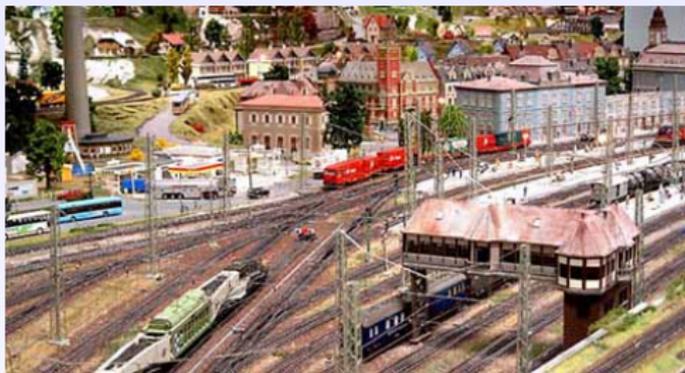
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If the goal is something like this...



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Things to discuss

... we'll have to provide a starting-kit to let our
"someone" enter the game.



What is actually needed?

Depending on our experiences (and therefore included in *proTeXt*):

- ▶ An easy to install $\text{T}_\text{E}\text{X}$ -implementation for *Windows*

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Depending on our experiences (and therefore included in
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- ▶ An easy to install TeX-implementation for *Windows*
→ *MiKTeX*

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Depending on our experiences (and therefore included in
proTeXt):

- ▶ An easy to install TeX-implementation for *Windows*
- *MiKTeX*
- ▶ A simple to use editor with hooks to TeX

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Depending on our experiences (and therefore included in *proTeXt*):

- ▶ An easy to install TeX-implementation for *Windows*
 - MiKTeX
- ▶ A simple to use editor with hooks to TeX
 - WinEdt, TeXnicCenter

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- ▶ An easy to install TeX-implementation for *Windows*
→ *MiKTeX*
- ▶ A simple to use editor with hooks to TeX
→ *WinEdt, TeXnicCenter*
- ▶ Postprocessing tools like Ghostscript and GSView

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Things to discuss

- ▶ An easy to install TeX-implementation for *Windows*
→ *MiKTeX*
- ▶ A simple to use editor with hooks to TeX
→ *WinEdt, TeXnicCenter*
- ▶ Postprocessing tools like Ghostscript and GSView

- ▶ A short description how to combine these things!

Practical Demonstration

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What could/should be changed in future releases?

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Things to discuss

What could/should be changed in future releases?

- ▶ Which editor ist the easiest/the best?

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Things to discuss

What could/should be changed in future releases?

- ▶ Which editor ist the easiest/the best?
- ▶ Is there a *free* graphical frontend for Ghostscript?

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Things to discuss

- ▶ Which editor ist the easiest/the best?
- ▶ Is there a *free* graphical frontend for Ghostscript?
- ▶ Are there any volunteers to translate the Install-Doc into additional languages?
(Many thanks to Steve Peter, Grzegorz Domański and Denis Bitouzé!)