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# DissLatexCreateCompilation

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## Create / Compilation

Latex don't use any kind of WYSIWYG behavior. You just edit the pure code. After that you have to compile the whole thing to have the final document. For that you need some additional programs (which are mostly installed on many UNIX/Linux systems). The following command sequence (UNIX/Linux) should give you the result your looking for. Be careful where the file extensions are necessary and where they are not allowed!

1. latex diss_main.tex	first compilation
2. bibtex diss_main	create the reference index
3. makeindex diss_main	create the index
4. latex diss_main.tex	second compilation (insert the references)
5. latex diss_main.tex	third compilation (page numbering)
6. dvips -odiss_main.ps diss_main.dvi	convert from dvi to postscript
7. gv diss_main.ps	look at the new postscript
8. dvi2pdf diss_main.dvi diss_main.pdf	convert it to .pdf

The file names refer to the examples which is available under documents.

## Remark

- For printing with a postscript printer use the file `diss_main.ps`, for a online version (or for email) use `diss_main.pdf` instead.
- Creating a .pdf: the command `pdflatex` has some troubles with postscript pictures, `ps2pdf` has some troubles with special characters (like German ä), `dvi2pdf` seems to work well.

-- JoergMaeder - 20 Dec 2010

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