RM-LaTeX
Overview and Installation Guide

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RM-LaTeX is a template collection for reports and presentations. Additionally, several useful tools for working with LaTeXare available. All features and templates are created due to personal interest and are subject to change. All packages are tested using MiKTeX 2.9. However, they are considered as "as-is" and without any warranty. For questions, suggestion and feedback, please contact the author of the particular package.

RM-LaTeX requires an up to date LaTeX installation.

RM-LaTeX enthält einige Vorlagen für Berichte und Präsentationen sowie nützliche Werkzeuge zum Erstellen von LaTeX-Dokumenten. Alle Funktionalitäten und Vorlagen sind aus persönlichen Interessen entstanden und permanent in Bearbeitungszustand: Die Pakete sind zwar mit MiKTeX 2.9 getestet, werden aber "as is" und ohne Gewähr verteilt. Bei Fragen, Anregungen, Kritik wenden Sie sich bitte an die in den Sourcen ausgewiesenen Urheber.

RM-LaTeX benötigt eine aktuelle LaTeX Installlion.

1 An Overview on RM-LaTeX

The following templates and tools are available in RM-LaTeX. Further information on each package can be found in the package documentation.

dlrtext
(by Andreas Klöckner)

DLR Templates for reports etc.

dlrletter

(by Andreas Knoblach)

A DLR letter layout adapted from the Word template.

dlrbeamer

(by Andreas Knoblach)

A DLR beamer layout adapted from the Power Point template.

dlrgeneric

(by Andreas Klöckner)

Generic DLR tools like the DLR logo and DLR institute names

frutiger

(by Andreas Knoblach)

A Frutiger font package. (Frutiger is the standard font of all official DLR templates.)

paper-styles

(by Andreas Klöckner)

A collection of paper styles for several journals and conferences. The templates are partially bug-fixed. Additionally, a template for creating ELIB cover sheets are provided.

externals

(by Andreas Klöckner)

Interfaces to external programs such as Inkscape and Matlab

xglossaries

(by Andreas Knoblach)

An improved version of the glossaries package.

tools

(by Andreas Klöckner)

Several useful LaTeXtools.

lyx

(by Andreas Klöckner)

An interface of RM-LaTeXfor LyX

3rd-party
(by Misc)

Miscellaneous third party tools.

2 Installation Guide

The RM-LaTeX package can be downloaded from http://teamsites.dlr.de/rm/latex/.
The installation procedure for the RM-LaTeX package on different operating systems is
explained in the following.

2.1 Windows: MiKTeX

In order to correctly install RM-LaTeX on a Windows system with MikTeX the following
steps have to be performed.

1. Copy RM-LaTeXto any desired path, e.g. to `D:\My-LaTeX-Templates\RM-LaTeX\`.
   It is important that you do not change the directory structure.

2. Open the MikTeX Settings GUI and add the RM-LaTeXpackage root path to the
   MikTeX root directory list. Click OK.

3. The Frutiger font package requires an update the font map files:
   a) Open a DOS console window.
   b) Run `initexmf --edit-config-file updmap` to edit the font config file.
   c) Add the following lines:
      ```
      Map frutiger-pdf.map
      Map frutiger-ps.map
      ```
   d) Save and close the configuration file.
   e) Run `initexmf --mkmaps` to rebuild the font map files.[1]

2.2 Linux: TeXLive

For an installation with TeXLive a user specific installation and an installation for all
users is possible. Both possibilities are explained in the following subsections.

2.2.1 Installation by an User

1. Unpack the files into the user's `texmf/` directory. It is important that you do not
   change the directory structure.

2. Update the filename database by executing `mktexlsr`.

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[1]On some systems `initexmf --mkmaps` has to be executed after every restart of windows. In order to
avoid this, you can add a suitable batch file to the Autostart folder in the Start Menu.

3. If you use Debian, you have to update the config files by running `update-updmap`.

4. Final you have to update the font maps. This is be done by calling `updmap`.

2.2.2 Installation for all Users

Please note: if yout want to install the RM-LaTeX package for all users, administrator rights are necessary.

1. Unpack the files to `/usr/local/share/texmf/`.

2. Update the filename database by executing `sudo mktexlsr`.

3. If you use Debian, you have to update the config files by `sudo update-updmap`.

4. Final you have to update the font maps by executing `sudo updmap-sys`.