STMLaTeX

Overview and Installation Guide
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v 20191103

Thankfully inspired by the RM-LaTeXpackage guide.

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STMLaTeX is a template collection for LaTeX documents. 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.

STMLaTeX requires an up to date LaTeX installation.

Contents

1 An Overview

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

stmcolors

Color definitions.

stmconditionallox

Conditional lists of float environments.

stmdate

Date definitions.

stmglossaries

Acronyms and symbol definitions.

stmlanguage

Language definitions.

stmlistings

Listings definitions.

stmmath

Math definitions.

stmplots

Plot definitions.

stmtikz

Drawing definitions.

stmunits

Units definitions.

2 Installation

The STMLATEX package can be downloaded or cloned from `https://github.com/raedma/stmlatex`. The installation procedure for the STMLATEX package on different operating systems is explained in the following.

2.1 Windows: MiKTeX

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

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

2. Open the MikTeX Console GUI and add the STMLATEX package root path to the MikTeX root directory list. Currently, `Settings` → `Directories` → `Add` (Plus symbol). Click OK.

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`.

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 STMLATEX 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`.

3 Getting started

All files below `doc/` are self-running examples.