A Chalmers University of Technology Master's thesis template for LaTeX

David Frisk

Updated 2018-09-09

Disclaimer

Please note that this template is not an official template of Chalmers University of Technology (Chalmers). Since Chalmers updated the Master's thesis design recently, most existing Latex (and other) templates are now outdated. I have compiled this template with hope that it can help students in their work until one day when an official Latex template is released.
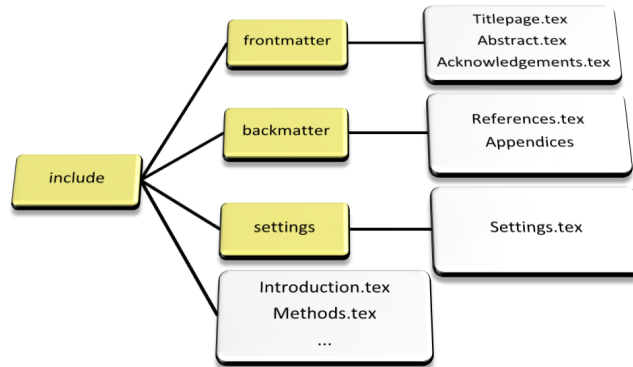
Contents

1 General information

This template has been constructed based on the following documents and webpages published by Chalmers.

- Design and publish masters thesis
  https://student.portal.chalmers.se/en/chalmersstudies/masters-thesis/Pages/design-and-publish-masters-thesis.aspx

- Design manual
  http://www.chalmers.se/insidan/EN/tools/design-manual

- Language policy of Chalmers
  http://www.chalmers.se/insidan/EN/tools/language-issues

- Regulations for language issues at Chalmers
  http://www.chalmers.se/insidan/EN/tools/language-issues

- Layout of the thesis
  http://www.chalmers.se/insidan/EN/tools/design-manual/templates/layout-thesis

- Vectorized logotypes and emblems
  http://www.chalmers.se/en/about-chalmers/profile-and-identity

2 Template structure

Some remarks on the template structure are found below.

- To create a perspicuous structure of the report source code, each chapter (Abstract, Acknowledgements, Introduction, Methods etc.) and the settings are put in separate .tex files and imported to `Main.tex` with the *input* macro. The imported files are structured according to the following schematic.

- In `Settings.tex`, the required packages are included and some optional settings used to tune the layout of the report are defined. Hence the latter ones can be modified or removed to change the report layout.

- The template is designed for a two-side layout, meaning that the header and footer are placed in the outer region of the page. This can be modified (for one-side layout) by switching the *design* variable from 2 to 1 above the conditional expression in the `Settings.tex` file.

- The Abstract and Acknowledgements are, in the current layout, limited to one page each (which should be enough according to the guidelines). If more pages are required, modifications of the *newpage* positioning are required to make the subsequent chapters start on the right hand side.

- In the figure/auxiliary folder, the cover page background and Chalmers logotypes are found. There are two versions of these files, one for theses in Swedish (with the logotype text CHALMERS) and one for theses in English (with the logotype text CHALMERS UNIVERSITY OF TECHNOLOGY). To change between the two versions (English is default), change between _eng.pdf and _swe.pdf where the pictures are imported in the `Titlepage.tex` file.

3 Update history

2015-02-07
Sorted out some warnings regarding underfull hboxes in the frontmatter and included a new object positioning option.

2015-02-08
Corrected page numbering error related to the bibliography.

2015-02-16
Corrected page numbering errors related to the lists of figures and tables.

2016-05-08
Updated year from 2015 to 2016 and fixed minor bugs.

2017-03-18
Updated year from 2016 to 2017.

2018-09-09
Updated year to 2018 and published the template on overleaf.