ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Phase C

Work on a satellite

For CubETH

Rev: 0

Minor Project

Prepared by:

MAX MUSTER

Checked by:

Approved by:

Space Engineering Center
EPFL
Lausanne
Switzerland

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11/11/2015

eSpace
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Record of Revisions

Issue	Revision	Date	Modifications	Created/modified by
1	0	08/01/2015	First draft	Kevin Owen

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Abreviations

EPFL École Polytechnique Fédérale de Lausanne
STM Structural and Thermal Model
PCB Printed Circuit Board

Abreviations

EPFL	École Polytechnique Fédérale de Lausanne
STM	Structural and Thermal Model
PCB	Printed Circuit Board

1 Introduction

2 Example document

This section serves as example to demonstrate appearance of the template. And give information on the way it works.

2.1 File and folder hierarchy

This template has a preset folder and file hierarchy to have a clear structure. If you know what you're doing, you can play around with it but it works well as is.

2.1.1 Chapters and section and appendices

It is recommended to place all your sections as separate `.tex` files and store them in the chap folder. It is the referenced in the main doucment with `\input{chap/example}`.

Appendices work on the same princile and can be stores in the appendices folder.

2.1.2 Figures

Figures are stored in the fig folder and LaTeXwill automatically look for the image file there so you should reference it from this folder. A special function was implemented to allow the insertion of a single figure with a single line of code and have the filename, the label, the legend and the width defined.

```
\figi{cleanspace-one}{fig:cleanspace-one}{Image of CleanSpace One}{0.4\textwidth}
```

2.2 Bibliography

The bibliography is a bit special and the compiler has to be adapted in order to work well. The idea is that there are two kinds of documents in your bibliography. *Applicable documents* and *Reference documents* and those would be stored inside two separate `.bib` files; `appdoc.bib` and `refdoc.bib` respectively. They can be cited in the document with the `\cite{label}` command and gives [AD0] or [RD0].

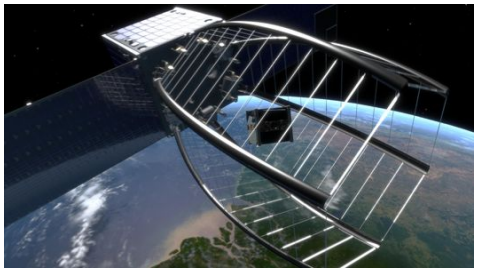

Figure 2.1: Image of CleanSpace One

2.2.1 Modifiying the bibliography compiler

This template uses `Biber` and the compiler (at least for TexLive) has to be modified. A new compiler has to be created called in `Edit -> Preferences` then in tab called `Typesetting` under `Processing tools` click on the + sign and add a new one.

The parameters should be :

Name Biber

Program biber

Arguments `$basename`

Or as summarized on figure 2.2.

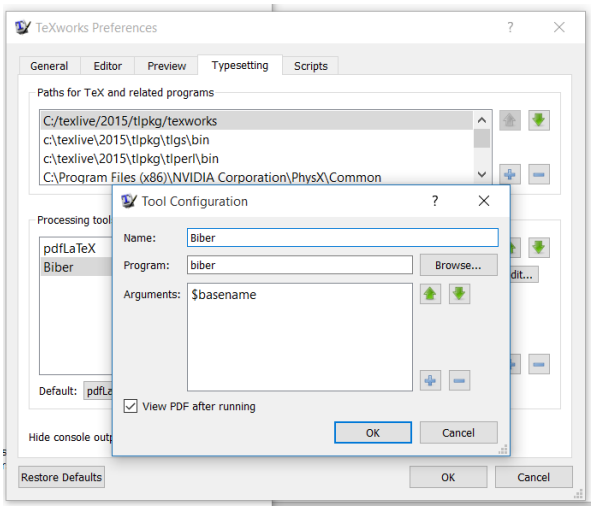

Figure 2.2: How the compiler should be configured

3 Conclusion

YOUR NAME
Lausanne, 11/11/2015

References

Reference Documents

[RD0] S. T. Abedon, P. Hyman, and C. Thomas. Experimental examination of bacteriophage latent-period evolution as a response to bacterial availability. *Applied and environmental microbiology*, 69:7499–7506, 2003.

Applicable Documents

[AD0] S. T. Abedon. Lysis and the interaction between free phages and infected cells. In J. D. K. Karam, J. W. Drake, K. N. Kreuzer, G. Mosig, D. Hall, F. A. Eiserling, L. W. Black, E. Kutter, K. Carlson, E. S. Miller, and E. Spicer, editors, *Molecular biology of bacteriophage t4*, pp. 397–405. ASM Press, Washington DC, 1994.

A Appendix example

A.1 A subsection

A.1.1 A subsubsection