

Swift on Linux

Project Work

submitted in conformity with the requirements for the grade of
lecture "Projektarbeit"
in the Bachelor degree programme **Software Design**

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**Subject:
“Swift on Linux”**

Abstract

Write your abstract here.

Kapfenberg, 24.07.2017

Academic adviser:

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Formal declaration

We hereby declare that we have produced the present work by ourself and without any aids other than those mentioned herein. Any ideas taken directly or indirectly from third party sources are indicated as such. This paper has not been published or submitted to any other examination board in the same or a similar form.

Kapfenberg, 24.07.2017

Stefan Moder, Christian Hofer

Acknowledgement

Thanks to ...

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Chapter 1

Introduction

This template shall provide some considerations and text examples for your Master's thesis.

Background. Describe the background, the prerequisites for your work ...

Objective. The aim of this master's thesis is ...

Terms and definitions. Technical terms ... abbreviations are summarised at the end (in "Acronyms"), e.g. application binary interface (ABI) or man-in-the-middle (MITM). If ABI is referenced again, only the acronym is printed (as hyperlink though).

For literature research use e.g. **acm:diglibrary** ([acm:diglibrary](#)) or **ieee:xplore** ([ieee:xplore](#)) as available from the FH JOANNEUM Library web page.

Harvard citation style is implemented in this template: **Batina:2011:HER:2188496.2188508**, **Fernandez-Mir:2011:SRA:2188496.2188506**, **Li:2008:TRP:2043628.2043631**

1.1 Some L^AT_EX Basics

This section is a *really very short* summary of L^AT_EX features. Do not forget to remove it after finishing your thesis.

Here you have an included graphic (figure 1.1).



Figure 1.1: Train engine in Kapfenberg

Code listings require the *listings* package which, in turn, requires some settings¹; see command `\lstset{}` in preamble of this template. Additionally the package *courier* should be used because the defaults do not provide for proper syntax highlighting.

```
1 void main(int argc, char *argv[])
2 {
3     printf("Hello world!");
4 }
```

Listing 1.1: Main programme

In order to see what's possible – here are two fancy tables: 1.1 and 1.2.

Version	Description	Author(s)	Date
1.0	Initial	Ohrt	July 15, 2014
1.1	Filled section “Open Issues”	Ohrt	July 16, 2014
1.2	Added section “Restrictions”	Ohrt	September 15, 2014

Table 1.1: Olive green heading

View also the preamble of this file for explanations.

Here is a reference to listing 1.1.

¹... because the defaults do not fit all purposes

Error	Solution
Java.lang.OutOfMemoryError: PermGen space (32-/64-bit issue)	-XX:MaxPermSize=1024M
Error occurred during initialization of VM <i>or</i> Could not reserve enough space for object heap	increase or remove -Xms value e.g. -Xms128m -Xmx512m (Eclipse default: -Xms40m -Xmx512m)

Table 1.2: A grey table

Chapter 2

Conclusion and Outlook

Your text here ...

Acronyms

ABI	application binary interface
ACL	access control list
GUI	graphical user interface
KISS	keep it small and simple
MITM	man-in-the-middle
OS	operating system
UART	universal asynchronous receiver/transmitter
UID	unique identifier