

This is the title of the thesis which can extend over several lines

Bachelor's Thesis

for fulfillment of the requirements for the degree of
Master of Science (M.Sc.)

in

Hochschule für Technik und Wirtschaft Berlin
(HTW Berlin - University of Applied Sciences)
Fachbereich 4 Informatik, Kommunikation und Wirtschaft
Internationaler Studiengang Medieninformatik

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Date of Submission: February 13, 2022

Preamble

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Abstract

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Chapter 1

Introduction

1.1 Blindtext

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- First itemtext
- Second itemtext
- Last itemtext
- First itemtext
- Second itemtext

Chapter 2

Example

The chapter Examples (see chapter 2) demonstrates the possible functions and possibilities of this LaTeX document.

2.1 Source code

Nachfolgend der Codeauszug 2.1.

```
1  /**
2  * The HelloWorldApp class implements an application that
3  * simply prints "Hello World!" to standard output.
4  */
5  class HelloWorldApp {
6      public static void main(String[] args) {
7          System.out.println("Hello World!"); // Display the string.
8      }
9  }
```

Codeauszug 2.1: Hello World

2.2 Picture

The graphic on the right demonstrates the possibilities of the package „wrapfig“. Graphics within a „wrapfigure“ can be wrapped either left or right of text.

The following Figure 2.2 demonstrates the representation of a „*.jpg“ image within the text (when pasting, the extension can be omitted as long as the name is unique). Additionally, it contains a subtitle which can be linked to the already used label. The subtitle appears in Abbildungsverzeichnis (Abbvz.).



Figure 2.1: sample picture [PEX]

2.3 Text formatting etc

This text contains a footnote¹

2.3.1 Listen

Lists can be created with bullet points as well as with numbers

- a list with bullet points
 - a further element
1. a list with numbers
 2. a further element

¹Footnotes are annotations that are extracted from the continuous text in the print layout to make the text easier to read.

2.3.2 Text Highlighting

The problem with internet quotes is that you can't always depend on their accuracy

— Abraham Lincoln, 1864

Inspiring quotes can be inserted with epigraph

The problem with internet quotes is
that you can't always depend on their
accuracy

Abraham Lincoln, 1864

line breaks can only be written directly after text, otherwise the latex cannot be compiled.



Figure 2.2: sample picture [PEX]

2.4 Table

Nachfolgend Table 2.1.

owner: Alice
Peer (creator): Bob
Public key of the owner: F2 D2 0E ED FA 4E 9E 0A F2 DD 23 8A 32 44 F3 E9
validity: 2015-07-01 – 2016-06-30

Table 2.1: digital certificate

2.5 Long-Table

The „Long-Table“ can be displayed over defined headers and footers across page breaks.

Version	Codename	API	Verteilung
2.2	Froyo	8	0.1%
2.3.3 - 2.3.7	Gingerbread	10	2.7%
4.0.3 - 4.0.4	Ice Cream Sandwich	15	2.5%
4.1.x	Jelly Bean	16	8.8%
4.2.x		17	11.7%
4.3		18	3.4%
4.4	KitKat	19	35.5%
5.0	Lollipop	21	17.0%
5.1		22	17.1%

continued on next page

... - Distribution of the Android versions (as of 2016-02-01)

Version	Codename	API	Verteilung
6.0	Marshmallow	23	1.2%

Table 2.2: Distribution of the Android versions (as of 2016-02-01)

2.6 References

Weil für die alte und die neue Rechtschreibung verschiedene Trennregeln gelten, sind Deutsch mit alter Rechtschreibung und Deutsch mit neuer Rechtschreibung zwei verschiedene Sprachen ([Kna09], S. 192).

2.7 References (Online)

Siehe Google.de [Goo].

2.8 Glossar

The glossary contains the description of terms used for a better understanding towards the reader. Examples are: Berlin, Outsourcing, Application Service Providing, Policy and PCI Express.

2.9 Abkürzungsverzeichnis

The list of abbreviations lists all abbreviations used. Some examples are Serial Attached SCSI (SAS), Compact Disk (CD), Local Area Network (LAN) and Internationale Organisation für Normung (ISO). The reuse only shows the abbreviation: SAS, CD, LAN and ISO.

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Bibliography

- [Kna09] Joerg Knappen. *Schnell ans Ziel mit LATEX 2e* -. ueberarbeitete und erweiterte Auflage. Muenchen: Oldenbourg Verlag, 2009. ISBN: 978-3-486-59015-9.

Online source

[Goo] Google. *Google*. URL: <http://www.google.de> (visited on 10/06/2015).

Picture source

[PEX] PEXELS. *Black and white branches tree*. URL: <https://www.pexels.com/photo/black-and-white-branches-tree-high-279/>.

Appendix A

A.1 Diagram

A.2 Table

A.3 Screenshot

A.4 Graph

Declaration

I hereby declare and confirm that this thesis is entirely the result of my own original work. Where other sources of information have been used, they have been indicated as such and Properly acknowledged. I further declare that this or similar work has not been submitted for credit elsewhere.

Berlin, February 27, 2021

John Doe