



Hochschule Karlsruhe
Technik und Wirtschaft
UNIVERSITY OF APPLIED SCIENCES

Title of the Thesis

Second Title Line

Master Thesis/Bachelor Thesis von

My Name

an der Fakultät für Informatik und Wirtschaftsinformatik
Fachrichtung Verteilte Systeme (VSYS)

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Zusammenfassung

Deutsche Zusammenfassung

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1. Introduction

The following chapter contains some introductory examples.

1.1. Example: acronyms

This is the thesis template of the Distributed Systems Discipline (VSYS) within the Faculty of Computer Science and Business Information Systems (IWI) of the Karlsruhe University of Applied Sciences (HsKA).

1.2. Example: Citation

A citation: [1]

1.3. Example: Figures



Abbildung 1.1.: IWI logo

The IWI logo is displayed in Abbildung 1.1.

1.4. Example: Tables

abc	def
ghi	jkl
123	456
789	0AB

Tabelle 1.1.: A table

1.5. Example: Glossary

Some research ends in a cul-de-sac.

1.6. Example: Todo-Note

Meaningless text.

1.7. Example: Formula

One of the nice things about the Linux Libertine font is that it comes with a math mode package.

$$f(x) = \Omega(g(x)) \ (x \rightarrow \infty) \Leftrightarrow \limsup_{x \rightarrow \infty} \left| \frac{f(x)}{g(x)} \right| > 0$$

1.8. Example: Listing

It might happen that a computer science thesis requires to include a code listing.

Listing 1.1: Example-Skript quicksort.js

```
1 //JS QuickSort
2
3 Array.prototype.quickSort = function() {
4
5     var r = this;
6     if(this.length <= 1) {
7         return this;
8     }
9     var less = [], greater = [];
10
11     var pivot = r.splice(Math.floor(r.length / 2),1);
12
13     for (var i = r.length - 1 ; i >= 0; i--){
14         if ( r[i] <= pivot) {
15             less.push(r[i]);
16         } else {
17             greater.push(r[i]);
18         }
19     }
20
21     var c = [];
22
23     return c.concat(less.quickSort(), pivot, greater.quickSort());
24
25 };
26
27 var a = [3,1,43,5,123,6,231,0];
28 console.log(a.quickSort());
29
```

2. First Content Chapter

The content chapters of your thesis should of course be renamed. How many chapters you need to write depends on your thesis and cannot be said in general.

Of course, you can split this .tex file into several files if you prefer.

2.1. First Section

...

2.2. Second Section

...

3. Second Content Chapter

...

3.1. First Section

...

3.2. Second Section

...

Add additional content chapters if required by adding new .tex files in the sections/ directory and adding an appropriate `\include` statement in `thesis.tex`.

4. Evaluation

...

4.1. First Section

...

4.2. Second Section

...

4.3. Third Section

...

5. Conclusion

...

Literatur

- [1] Steffen Becker, Heiko Koziolk und Ralf Reussner. “The Palladio Component Model for Model-driven Performance Prediction”. In: *Journal of Systems and Software* 82 (2009), S. 3–22. DOI: 10.1016/j.jss.2008.03.066. URL: <http://dx.doi.org/10.1016/j.jss.2008.03.066>.

A. Anhang

A.1. First Appendix Section

Abbildung A.1.: A figure

...