Sophisticated Template for a Thesis

Presented by First Last, MTA Born in Foo Bar

Template Faculty Template University To get the degree in

PhD of templates - Dr.-Tmpl. -

Submitted

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11. Februar 2016

LATEX

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Furthermore, I confirm that no sources have been used in the preparation of this thesis other than those indicated in the thesis itself.

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Dedicated to my beloved family.

ACKNOWLEDGMENTS

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ABSTRACT

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Bar Barli

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Eingrenzung: Bar Foo

Problemstellung

Wissenschaftlicher Beitrag

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CHAPTER 1

INTRODUCTION

5	1.1	Background and Motivation	
	1.2	Problem Statement	
	1.3	Assumptions and Scope	
	1.4	Objectives and Contributions	
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1.1 Background and Motivation

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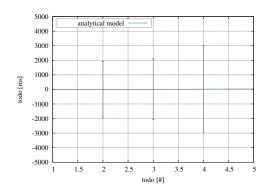


Figure 1.1: Example (based on [a1])

Application Area: Foo Fooli

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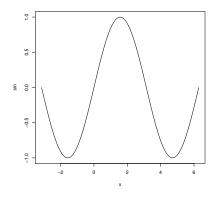


Figure 1.2: Another example [a1]

Research Focus: Bar Barli

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Taxonomy

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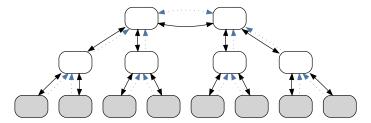


Figure 1.3: Taxonomy

1.2 **Problem Statement**

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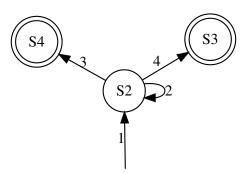


Figure 1.4: Relationship between issues

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1.3 Assumptions and Scope

Research Assumptions

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Research Scope

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1.4 Objectives and Contributions

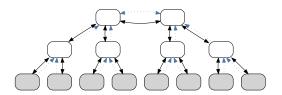


Figure 1.5: Structure of research

Research Objectives & Contributions

((todo: write about the research objectives and DBpedia¹ [m1] and Figure 1.5))

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1.5 Methodology and Outline

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¹http://dbpedia.org

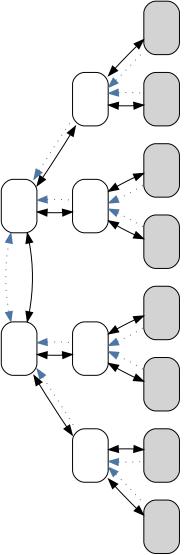


Figure 1.6: Workflow of the research and structure of the thesis

CHAPTER 2

STATE OF THE ART

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90		2.2.2 Specific Example 2
		2.2.3 Specific Example 3
	2.3	Related Area 2
		2.3.1 Specific Example 1
		2.3.2 Specific Example 2
95	2.4	Related Area 3
		2.4.1 Specific Example 1
		2.4.2 Specific Example 2
	2.5	Conclusion

2.1 Introduction

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Overview

2.2 Related Area 1

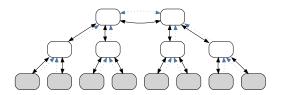


Figure 2.1: Related area 1 within the structure of research

Overview

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Focus

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2.2.1 Specific Example 1

Definition

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2.2.2 Specific Example 2

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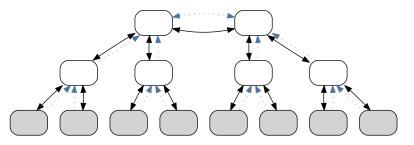


Figure 2.2: Comparison of Example 2 and Example 3 (based on [a1])

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Specific Example 3 2.2.3

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2.3 Related Area 2

Overview

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2.3.1 Specific Example 1

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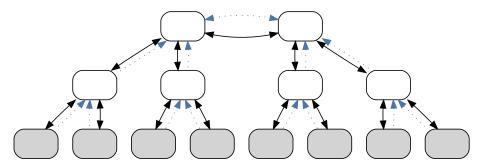


Figure 2.3: Related Area 2

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2.3.2 Specific Example 2

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2.4 Related Area 3

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Overview

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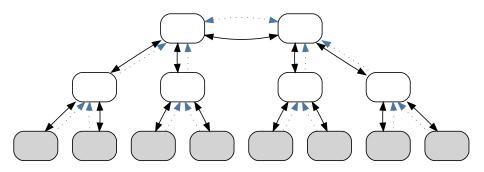


Figure 2.4: Related Area 3

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2.4.1 Specific Example 1

Definition

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2.4.2 Specific Example 2

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Definition

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2.5 **Conclusion**

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CHAPTER 3 330

REQUIREMENT ANALYSIS

3	3.1	Introduction	
335 3	3.2	Stakeholder 1 1 16	
3	3.3	Stakeholder 2 16	
3	3.4	Stakeholder 3	
3	3.5	Conclusion	

3.1 Introduction

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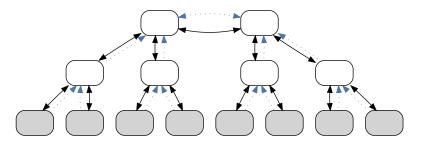


Figure 3.1: More detailed overview of the requirements

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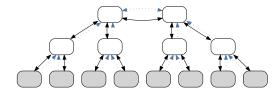


Figure 3.2: Placement of the requirement section in the structure of research

3.2 Stakeholder 1

Table 3.1 ((todo: write about Table 3.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Table 3.1: Requirements from stakeholder 1 perspective

#	Description
U1: Foo	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
U2: Bar	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

3.3 Stakeholder 2

Table 3.2 ((todo: write about Table 3.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

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Table 3.2: Requirements from stakeholder 2 perspective

#	Description
S1: Foo	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
S2: Bar	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

3.4 Stakeholder 3

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Table 3.3: Requirements from stakeholder 3 perspective

#	Description
T1: Foo	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
T2: Bar	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

3.5 **Conclusion**

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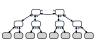
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CONTRIBUTION 1

400			
	4.1	Introduction	
	4.2	State of the Art	
		4.2.1 Related Work 1	
		4.2.2 Related Work 2	
405		4.2.3 Related Work 3	
	4.3	Own Approach	
		4.3.1 Overview	
		4.3.2 First Part	
		4.3.3 Second Part	
410		4.3.4 Third Part	
	4.4	Conclusion	

4.1 Introduction

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Overview

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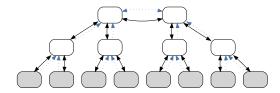


Figure 4.1: Placement of contribution 1 in the structure of research

4.2 State of the Art

Overview ((todo: write about Figure 4.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

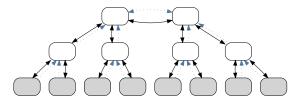


Figure 4.2: Relationship of contribution 1 to related work

4.2.1 Related Work 1

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Issues

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Listing 4.1: Listing related to related work 1 for contribution 1

```
class HelloWorld {

private final static String MESSAGE="Hello_World!";

public static void main(String[] args) {

System.out.println(MESSAGE);

}
```

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4.2.2 **Related Work 2**

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Listing 4.2: Listing related to related work 2 for contribution 1

```
1
   class HelloWorld {
      private final static String MESSAGE="Hello_World!";
2
3
          public static void main(String[] args) {
4
          System.out.println(MESSAGE);
5
6
```

4.2.3 **Related Work 3**

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Listing 4.3: Listing related to related work 3 for contribution 1

```
class HelloWorld {
2
      private final static String MESSAGE="Hello_World!";
```

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```
3
           public static void main(String[] args) {
4
           System.out.println(MESSAGE);
                                                                              500
5
6
   }
```

4.3 Own Approach

4.3.1 Overview

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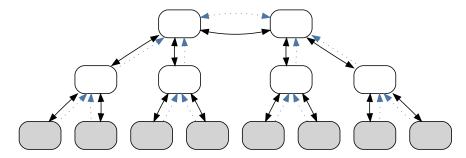


Figure 4.3: Contribution 1 goal

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4.3.2 **First Part** 520

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Approach

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Second Part 4.3.3

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4.3.4 **Third Part**

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Conclusion 4.4

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CONTRIBUTION 2

	5.1	Introduction	
595	5.2	State of the Art	
		5.2.1 Related Work 1	
		5.2.2 Related Work 2	
		5.2.3 Related Work 3	
	5.3	Own Approach	
600		5.3.1 Overview	
		5.3.2 First Part	
		5.3.3 Second Part	
		5.3.4 Third Part	
	5.4	Conclusion	
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5.1 Introduction

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Overview

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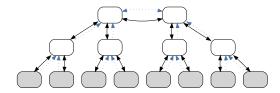


Figure 5.1: Placement of Contribution 2 in the structure of research

5.2 State of the Art

Overview ((todo: write about Figure 5.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

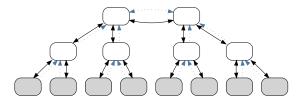


Figure 5.2: Relationship of Contribution 2 to related work

5.2.1 Related Work 1

Overview ((to

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Listing 5.1: Listing related to related work 1 for Contribution 2

```
class HelloWorld {
  private final static String MESSAGE="Hello_World!";
  public static void main(String[] args) {
    System.out.println(MESSAGE);
  }
  645
```

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5.2.2 **Related Work 2**

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Listing 5.2: Listing related to related work 2 for Contribution 2

```
665
       1
          class HelloWorld {
              private final static String MESSAGE="Hello_World!";
       2
       3
                 public static void main(String[] args) {
       4
                  System.out.println(MESSAGE);
       5
670
       6
          }
```

5.2.3 **Related Work 3**

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Listing 5.3: Listing related to related work 3 for Contribution 2

```
class HelloWorld {
1
2
      private final static String MESSAGE="Hello_World!";
```

5.3 Own Approach

5.3.1 Overview

Intro ((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

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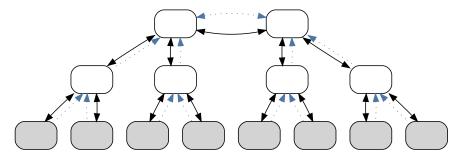


Figure 5.3: Contribution 2 goal

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5.3.2 First Part

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Approach

Approach

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Second Part 5.3.3

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5.3.4 **Third Part**

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Next chapter

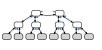
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CONTRIBUTION 3

785		
	6.1	Introduction
	6.2	State of the Art
		6.2.1 Related Work 1
790		6.2.2 Related Work 2
		6.2.3 Related Work 3
	6.3	Own Approach
		6.3.1 Overview
		6.3.2 First Part
795		6.3.3 Second Part
		6.3.4 Third Part
	6.4	Conclusion
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6.1 Introduction

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Overview

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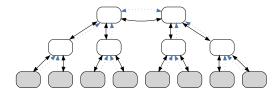


Figure 6.1: Placement of Contribution 3 in the structure of research

6.2 State of the Art

Overview ((todo: write about Figure 6.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

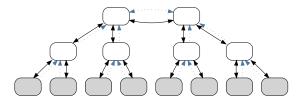


Figure 6.2: Relationship of Contribution 3 to related work

6.2.1 Related Work 1

Overview

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Some Aspects

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Issues

((todo: write about Listing 6.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Listing 6.1: Listing related to related work 1 for Contribution 3

```
class HelloWorld {
    private final static String MESSAGE="Hello_World!";
    public static void main(String[] args) {
        System.out.println(MESSAGE);
    }
```

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((todo: write about Listing 6.2)) Lorem ipsum dolor sit amet, consectetur adipisicing Issues

Listing 6.2: Listing related to related work 2 for Contribution 3

```
1
          class HelloWorld {
              private final static String MESSAGE="Hello_World!";
       2
860
       3
                 public static void main(String[] args) {
       4
                  System.out.println(MESSAGE);
       5
       6
          }
865
```

6.2.3 **Related Work 3**

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((todo: write about Listing 6.3)) Lorem ipsum dolor sit amet, consectetur adipisicing Issues

Listing 6.3: Listing related to related work 3 for Contribution 3

```
class HelloWorld {
2
      private final static String MESSAGE="Hello_World!";
```

```
3          public static void main(String[] args) {
4              System.out.println(MESSAGE);
5          }
6     }
```

6.3 Own Approach

6.3.1 Overview

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Goal ((todo: write about Figure 6.3)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

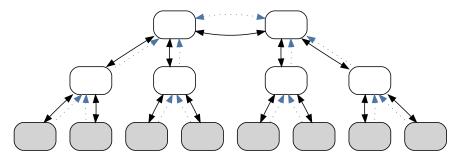


Figure 6.3: Contribution 3 goal

Approach ((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla

6.3.2 First Part

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Approach

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Second Part 6.3.3

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((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do Integration

6.3.4 **Third Part**

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Conclusion 6.4

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Takeaway 2

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Takeaway 3

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Next chapter

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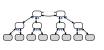
970

EVALUATION

980	7.1	Introduction
	7.2	Experimental Validation
		7.2.1 Setup 1
		7.2.2 Setup 2
	7.3	Performance Evaluation
985		7.3.1 Evaluation 1
		7.3.2 Evaluation 2
	7.4	Observational Validation
		7.4.1 Project 1
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990	7.5	Deployments
		7.5.1 Installation 1
		7.5.2 Installation 2
	7.6	Code Verification
	7.7	Comparative Analysis
995		7.7.1 Requirement Evaluation
		7.7.2 Comparison with Other Approaches
	7.8	Conclusion
1000		

7.1 Introduction

((todo: write about Figure 7.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.



Overview

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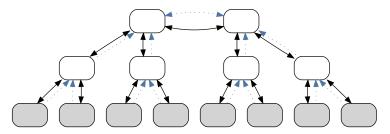


Figure 7.1: Choice of verification and validation techniques [a1]

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Structure of Research

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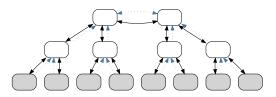


Figure 7.2: Placement of the evaluation in the structure of research

7.2 Experimental Validation

Overview ((todo: write about Table 7.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

7.2.1 Setup 1

Overview

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Integration

((todo: write about Equation (7.1))) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Table 7.1: Sideways table

Experiment 1	Experiment 2	Experiment 3	Experiment 4	Experiment 5	Experiment 6	Experiment 7
САТСН	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER
CATCH	ME	IF	YOU	CAN	NOW	OR NEVER

ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

$$t_{fw}^{p_d}(d) = \max_{d} (t_{child_i})$$

$$t_{db}^{p_d}(d) = \sum_{i=1}^{d} t_{db_i}$$

$$t_{pc}^{p_d}(n,d) = \begin{cases} t_{pc}(d) + c(n) & \text{if } d = 1, \\ t_{pc}(d) + c(n) + \max(t_{avail}(d)) & \text{if } d > 1. \end{cases}$$
(7.1)

Example

((todo: write about Listing 7.1)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Listing 7.1: Experiment 1

```
1 class HelloWorld {
2 private final static String MESSAGE="Hello⊔World!";
3 public static void main(String[] args) {
4 System.out.println(MESSAGE);
5 }
6 }
```

7.2.2 Setup 2

Overview

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Integration

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Example

((todo: write about Figures 7.3, 7.3a and 7.3b)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat pulla pariatur.

7.3 Performance Evaluation

Overview

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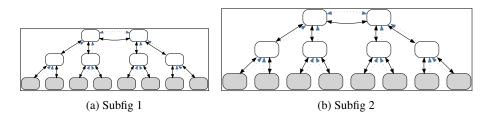


Figure 7.3: Sub Figures

7.3.1 **Evaluation 1**

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7.3.2 **Evaluation 2**

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((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do Response Times

• In: 159 ms \pm 21 ms (95% CI)

• *Out*: 33 ms \pm 5 ms (95% CI)

• Between: 238 ms \pm 9 ms (95% CI)

• After: $45 \text{ ms} \pm 1 \text{ ms} (95\% \text{ CI})$

• *Under*: 215 ms \pm 2 ms (95% CI)

• Over: 148 ms \pm 3 ms (95% CI)

Scalability

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7.4 Observational Validation

Overview

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7.4.1 Project 1

Overview

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System Specification

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Extraction

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Example

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7.4.2 Project 2

Overview

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System Specification

((todo: write about Figure 7.4)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Extraction

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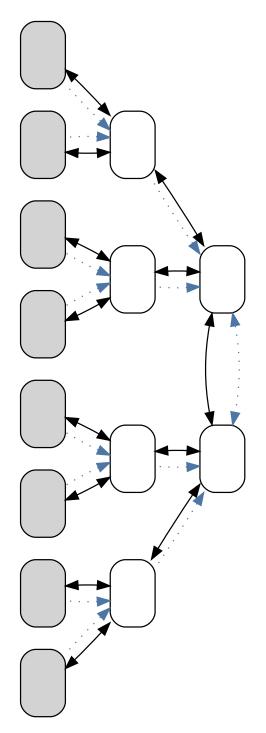


Figure 7.4: Sideways figure

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Example

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7.5 Deployments

Overview

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7.5.1 Installation 1

Overview

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Integration

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7.5.2 Installation 2

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Integration

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7.6 Code Verification

Overviev

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Static Tests

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7.7 Comparative Analysis

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((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod Overview

7.7.1 **Requirement Evaluation**

((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod Table 7.2

Table 7.2: Mapping requirements against own approach

Requirements	Approach
U1 (Foo)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
U2 (Bar)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
S1 (Foo)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Requirements	Approach
S2 (Bar)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
T1 (Foo)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
T2 (Bar)	((todo: write)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

7.7.2 **Comparison with Other Approaches**

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Table 7.3: Comparison of related work with own approach

Requirements	Related 1	Related 2	Related 3	Related 4	Related 5	Own Ap- proach
U1 U2	(+)	(++)	(0)	(-)	(0)	(+++)

Requirements	Related 1	Related 2	Related 3	Related 4	Related 5	Own Ap- proach
(ABAC)	ABAC ABAC v3, ABAC ABAC	ABAC v2, ABAC, native ABAC	ABAC	native ABAC	ABAC ABAC v2	ABAC v3, ABAC, ABAC, native ABAC, native
T1 (Details)	(o) via foo	(++) by bar / role-foo	_	_	(++) bar / foo	(+) foo-bar
S1 S2 T2 (Barli)	(+) via barli	(+) via fooli	_	(+) via bar-foo	(+) via foo-bar	(+) via bar-bar

7.8 **Conclusion**

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CHAPTER 8

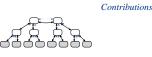
SUMMARY AND FURTHER WORK

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Overview 8.1

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Conclusions and Impact 8.2 1265

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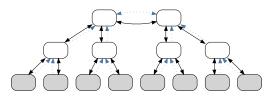


Figure 8.1: Placement of the outlook in the structure of research

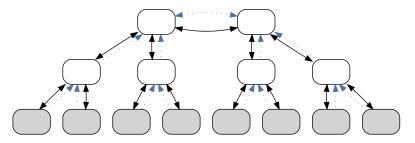


Figure 8.2: Area 1 [a1]

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Contribution 1

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Contribution 2

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8.3 Outlook

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Intro

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Application Area 1

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Application Area 2

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Application Area 3

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APPENDIX A

SPECIFICATIONS

A.1 Specification 1

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Listing A.1: Specification 1

```
class HelloWorld {
   private final static String MESSAGE="Hello_World!";
   public static void main(String[] args) {
      System.out.println(MESSAGE);
   }
}
```

A.2 Specification 2

((todo: write about Listing A.2)) Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Listing A.2: Specification 2

```
1 class HelloWorld {
```

```
private final static String MESSAGE="Hello_World!";

public static void main(String[] args) {
    System.out.println(MESSAGE);
}
```

APPENDIX B

TEST RESULTS

B.1	Conformance Results	III
B.2	Performance Results	IV
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	B.2.2 Lineplots	IV

B.1 Conformance Results

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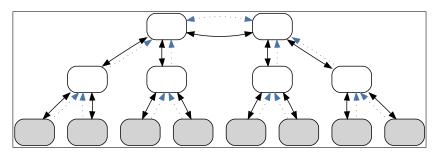


Figure B.1: Test results (page 1)

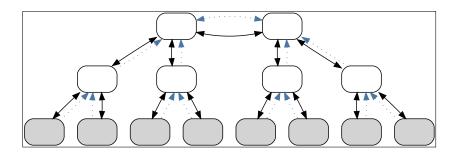


Figure B.2: Test results (page 2)

B.2 Performance Results

B.2.1 Histograms

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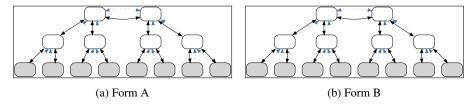


Figure B.3: Histogram of Forms

B.2.2 Lineplots

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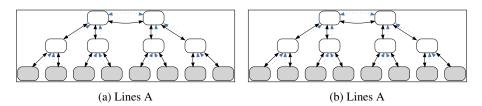


Figure B.4: Lineplot of the lines

ACRONYMS

ABAC	Attributed Based Access Control.	2

GLOSSARY

Foo

Bar.

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[a1] Ninghui Li, J. Mitchell, and W. Winsborough. "Design of a role-based trust-management framework". In: *Symposium on Security and Privacy*. IEEE Comput. Soc, 2002, pp. 114–130. ISBN: 0-7695-1543-6. DOI: 10.1109/SECPRI.2002.1004366 (cit. on pp. 2, 4, 9, 38, 50).

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[p1] E. Yuan and J. Tong. "Attributed based access control (ABAC) for Web services". English. In: *International Conference on Web Services (ICWS)*. IEEE, 2005, p. 569. ISBN: 0-7695-2409-5. DOI: 10.1109/ICWS.2005.25 (cit. on p. 2).

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[m1] S. Auer, C. Bizer, G. Kobilarov, J. Lehmann, R. Cyganiak, and Z. Ives. "DB-pedia: A Nucleus for a Web of Open Data". In: *The Semantic Web (ISWC)*. Springer, 2007, pp. 722–735. DOI: 10.1007/978-3-540-76298-0_52 (cit. on p. 4).

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X Bibliography

[x1] H. Karimi and M. Hashemi. "Accessible Wayfinding Testbed: Infrastructure and Components". In: 10th EAI International Conference on Testbeds and Research Infrastructures for the Development of Networks & Communities. Vol. 15. 2. Canada: ACM, June 2015, pp. 1–8. ISBN: 978-1-63190-070-9. DOI: 10.4108/ icst.tridentcom.2015.259709.

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