

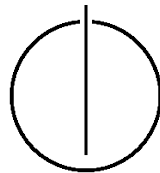
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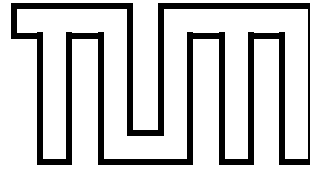
DER TECHNISCHEN UNIVERSITÄT MÜNCHEN

Master's Thesis in Informatics

A Publish/Subscribe System for Distributed Optimization

Aleksandar Stoimenov





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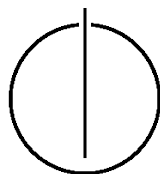
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Date: November 14, 2013



Ich versichere, dass ich dieses Master-Thesis selbständig verfasst und nur die angegebenen Quellen und Hilfsmittel verwendet habe.

I confirm that this master's thesis is my own work and I have documented all sources and material used.

Munich, November 14, 2013

Aleksandar Stoimenov

Abstract

Contents

Abstract	vii
Table of contents	ix
1 Introduction	1
1.1 Motivation	1
1.2 Problem Statement	1
1.3 Structure of this thesis	1
2 Preliminaries	3
3 Example	5
List of Figures	7
Bibliography	9

1 Introduction

1.1 Motivation

1.2 Problem Statement

1.3 Structure of this thesis

2 Preliminaries

3 Example

A citation goes like this [1]

```
1 public class OVF_EV extends ControllableDevice {
2     public static final double EV.THRESHOLD = 0.001;
3     private DopsVector value;
4     private double requiredEnergy;
5     private double[] drivingProfile;
6     private double lowerChargingBound = 0;
7     private double upperChargingBound = 4;
8
9     public void initialize(File file) {
10         MatFileReader mfr = new MatFileReader(file);
11         MLDouble driveP = (MLDouble) mfr.getMLArray("d"); // driving profile
12         drivingProfile = MatrixUtil.getFirstRow(driveP.getArray(), driveP.getN());
13         MLDouble requiredE = (MLDouble) mfr.getMLArray("R"); // required energy
14         requiredEnergy = requiredE.getArray()[0][0];
15         value = new DopsVector(0);
16     }
17
18     public DopsVector getValue() {
19         return value;
20     }
21 }
```

Listing 3.1: Implementation of Electric Vehicle for OVF.

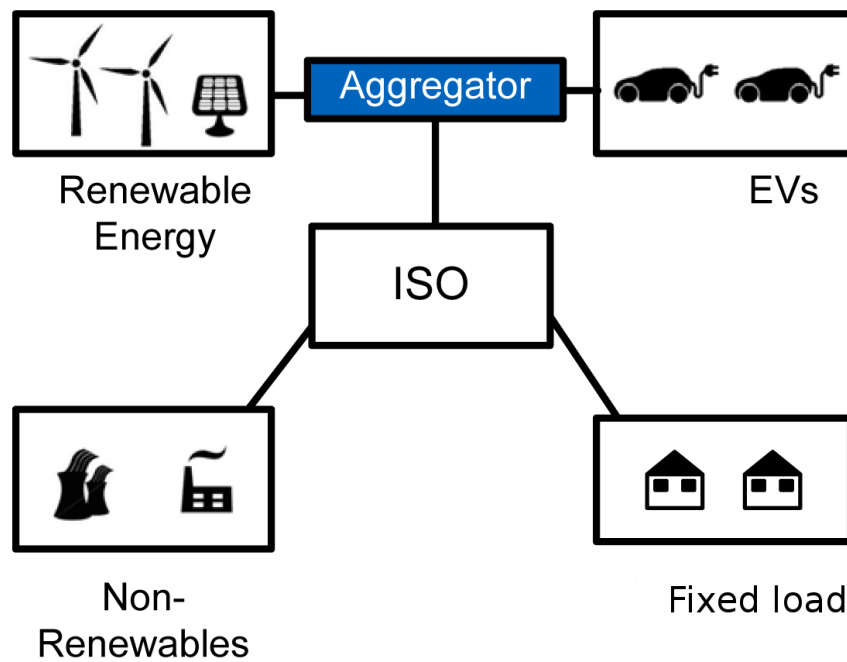


Figure 3.1: Long caption. Displayed below the figure

List of Figures

3.1	Short caption for List of Figures	6
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Bibliography

- [1] Leslie Lamport. *LaTeX : A Documentation Preparation System User's Guide and Reference Manual*. Addison-Wesley Professional, 1994.