

**Ruprecht Karls University Heidelberg**  
**Institute of Computer Science**  
**Database Systems Research Group**

**Bachelor Thesis**  
**Data Synchronization on Mobile Devices**

Name: Mirko Kiefer  
Matricule: 2746040  
Supervisor: Prof. Dr. Gertz  
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I declare that this thesis was composed by myself and that the work contained therein is my own, except where explicitly stated otherwise in the text.

Date of Submission: 3. April 2013

# Abstract

# Zusammenfassung

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# 1 Introduction

This chapter contains an overview of the topic as well as the goals and contributions of your work.

## 1.1 Motivation

## 1.2 Goals of the thesis

## 1.3 Structure of the thesis

Here you describe the structure of the thesis. For example:

In Kapitel 2 werden grundlegende Methoden für diese Arbeit vorgestellt.

## 2 Background

Here you discuss some basics for your work and outline existing research in the area of your thesis by citing research papers like [1] by Lindholm and [2, 3] Candia.

# Literaturverzeichnis

- [1] Tancred Lindholm. XML-aware data synchronization for mobile devices. 2009.
- [2] Giuseppe DeCandia, Deniz Hastorun, Madan Jampani, Gunavardhan Kakulapati, Avinash Lakshman, Alex Pilchin, Swaminathan Sivasubramanian, Peter Voss, and Werner Vogels. Dynamo: amazon's highly available key-value store. 41(6):205–220, 2007.
- [3] David Ratner, Peter Reiher, Gerald J Popek, and Geoffrey H Kuenning. Replication requirements in mobile environments. *Mobile Networks and Applications*, 6(6):525–533, 2001.