

Department of Computer Science

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Master Thesis

Offline caching in web applications for AntidoteDB

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Zusammenfassung

Zusammenfassung auf deutsch

Abstract

Abstract in english

Ich versichere hiermit, dass ich die vorliegende Masterarbeit mit dem Thema „Offline caching in web applications for AntidoteDB“ selbstständig verfasst und keine anderen als die angegebenen Hilfsmittel benutzt habe.

Die Stellen, die anderen Werken dem Wortlaut oder dem Sinn nach entnommen wurden, habe ich durch die Angabe der Quelle kenntlich gemacht.

Kaiserslautern, den DD. April 2018

Server Khalilov

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1 Introduction

In this chapter we are going to discuss the motivation, research questions and the scope of the following thesis.

1.1 Motivation

The motivation of this thesis is to explore the possibilities of implementing a web-client with a cache on a client-side.

1.2 Research questions

2 Background

Might be not needed

3 Problem Analysis

Might be not needed

4 Related Work

Related Work

5 Design

Design or Approach

5.1 Modern offline applications

5.2 Service Workers

5.3 IndexedDB database

6 Architecture

Architecture

6.1 View of the architecture

6.2 Communication protocol description

7 Implementation

Implementation

8 Evaluation

Evaluation

9 Discussion

Discussion

10 Conclusion and Future Work

Conclusion and Future Work

10.1 Summary

10.2 Possible future improvements

11 Appendix

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