

Logo 1

Logo2

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Zusammenfassung

Abstract

Contents

1	Introduction	4
1.1	Motivation	4
1.2	Terms and definitions	4
1.3	Related work	4
2	The N2Sky Architecture	4
2.1	Current Architecture Analysis	4
2.1.1	Architecture design	4
2.1.2	Components	4
2.1.3	Current User Interface	4
2.1.4	Usability and user experience	4
2.2	Redesign motivation	4
2.2.1	Redesign Process	4
2.2.2	Refactoring the User Interface	6
2.2.3	Introducing a new User Experience Design	6
2.2.4	Services adoption	6
2.3	Contemporary N2Sky Architecture	6
2.3.1	Conceptual user interface	6
2.4	Technology Stack	6
3	N2Sky Components	6
3.1	User Interface Components	6
3.1.1	Components Overview	6
3.1.2	User Interface Elements	6
3.2	Architectural Components	6
3.3	Continuous Monitoring System	6
3.3.1	Monitoring requirements	6
3.4	Alerting Management System	6
3.4.1	Alerting System Architecture	6
3.4.2	Alert Rules	6
4	Functional requirements specification	6
4.1	User Roles	6
4.2	Administration components	6
4.2.1	Affected users	6
4.2.2	Administration Dashboard	6
4.2.3	Openstack Dashboard	6
4.2.4	Cloudify Dashboard	6
4.2.5	Alerting System	6

4.2.6	Monitoring System	6
4.3	N2Sky Components	6
4.3.1	Affected user groups	6
4.3.2	N2Sky Dashboar	6
4.3.3	Neural Networks Repository	6
4.3.4	Models Repository	6
5	Tutorial	6
6	User Cases	6
7	Developer Guide	6
7.1	Continuous integration	6
7.2	API Documentation	6
	Literaturverzeichnis	7
	Anhang	8

1 Introduction

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1.1 Motivation

1.2 Terms and definitions

1.3 Related work

2 The N2Sky Architecture

2.1 Current Architecture Analysis

2.1.1 Architecture design

2.1.2 Components

2.1.3 Current User Interface

2.1.4 Usability and user experience

2.2 Redesign motivation

Application redesign is a project, which takes a lot of work. But at some point every designer faced a refactoring project. It has a lot to do with user experience. Bad user experience will make users stop use an application and leave negative feedback on application in general.

2.2.1 Redesign Process

There is data, information and user experience of previous version of N2Sky to work with. Making redesign it is already known who the users are and what they trying to achieve. Using this information it is possible to build an aims for a future user interface and user experience.

Finding problems N2Sky user interface is not intuitive understandable.



Figure 1: Current N2Sky User Interface

2.2.2 Refactoring the User Interface

2.2.3 Introducing a new User Experience Design

2.2.4 Services adoption

2.3 Contemporary N2Sky Architecture

2.3.1 Conceptual user interface

2.4 Technology Stack

3 N2Sky Components

3.1 User Interface Components

3.1.1 Components Overview

3.1.2 User Interface Elements

3.2 Architectural Components

3.3 Continuous Monitoring System

3.3.1 Monitoring requirements

3.4 Alerting Management System

3.4.1 Alerting System Architecture

3.4.2 Alert Rules

4 Functional requirements specification

4.1 User Roles

4.2 Administration components

4.2.1 Affected users

4.2.2 Administration Dashboard

4.2.3 Openstack Dashboard

4.2.4 Cloudify Dashboard

4.2.5 Alerting System

4.2.6 Monitoring System

4.3 N2Sky Components

4.3.1 Affected user groups

4.3.2 N2Sky Dashboar

Literaturverzeichnis

[Mus09] MUSTERMANN, Max: *Ein Beispielbuch.* <http://www.example.com>.
Version: 11 2009

Anhang

