

Design



December 9, 2012

Functional Specification	Alexander Noe
Design	Jonathan Klawitter
Implementation	Anas Saber
QA / Testing	Nikolaos Alexandros Kurt Moraitakis
Final	Lukas Ehnle

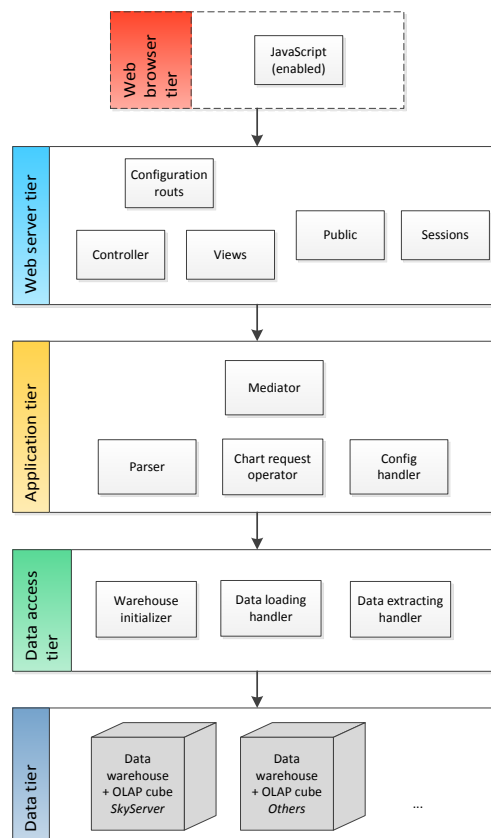
E-Mail: pse10-group14-ws12@ira.uni-karlsruhe.de

Contents

1	Architecture	3
1.1	4-tier architecture	3
1.2	Web browser tier	4
1.3	Web server tier	4
1.4	Application tier	4
1.5	Data access tier	4
1.6	Data tier	4
2	Classes	5
2.1	Class diagram	5
2.2	Class descriptions	5
2.2.1	Petra	5
3	Data warehouse design	6
3.1	Overview	6
3.2	Dimension descriptions	6
3.3	Measure descriptions	6
3.4	Type description	6
4	Sequences	7
5	Other data	8
5.1	Static data	8
5.2	Dynamic data	8
5.3	Extern data	8
6	Libraries	9

1 Architecture

1.1 4-tier architecture



1.2 Web browser tier

1.3 Web server tier

1.4 Application tier

1.5 Data access tier

1.6 Data tier

2 Classes

2.1 Class diagram

2.2 Class descriptions

Petra

Petra has a important role in the chart creating process. She saves all informations about the request, like chart type, axis, filters and their intervals. Blabla

3 Data warehouse design

3.1 Overview

3.2 Dimension descriptions

3.3 Measure descriptions

3.4 Type description

As Type depends which data base is operated, it may get it's own subsection.



4 Sequences

5 Other data

5.1 Static data

5.2 Dynamic data

5.3 Extern data



6 Libraries