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Chapter 3 : Conception

October 29, 2017

I Introduction

II Modeling Language

A modeling language is used to describe a system, a standard or methodology, general or domain-specific and / or context based on its components and relationships. There are several modeling languages, the best known are UML and Merise. In our project we chose UML as Modeling language. UML is a Unified Modeling language that can model a problem in a standard way.

Why UML ? We chose UML for these reasons :

- To obtain a very high level modeling independent of the language and environments
- Document a project.

III Global Conception

In this section, we highlight the architecture of our application, we starting with physical architecture and the logical architecture.

1 Physical Architecture

It is primordial to designing any computer system to choose the model architecture that will be adequate to ensure proper functioning, performance,

the reuse and reliable interconnection of this system with others. We opt for this purpose for the physical architecture described in the figure below.

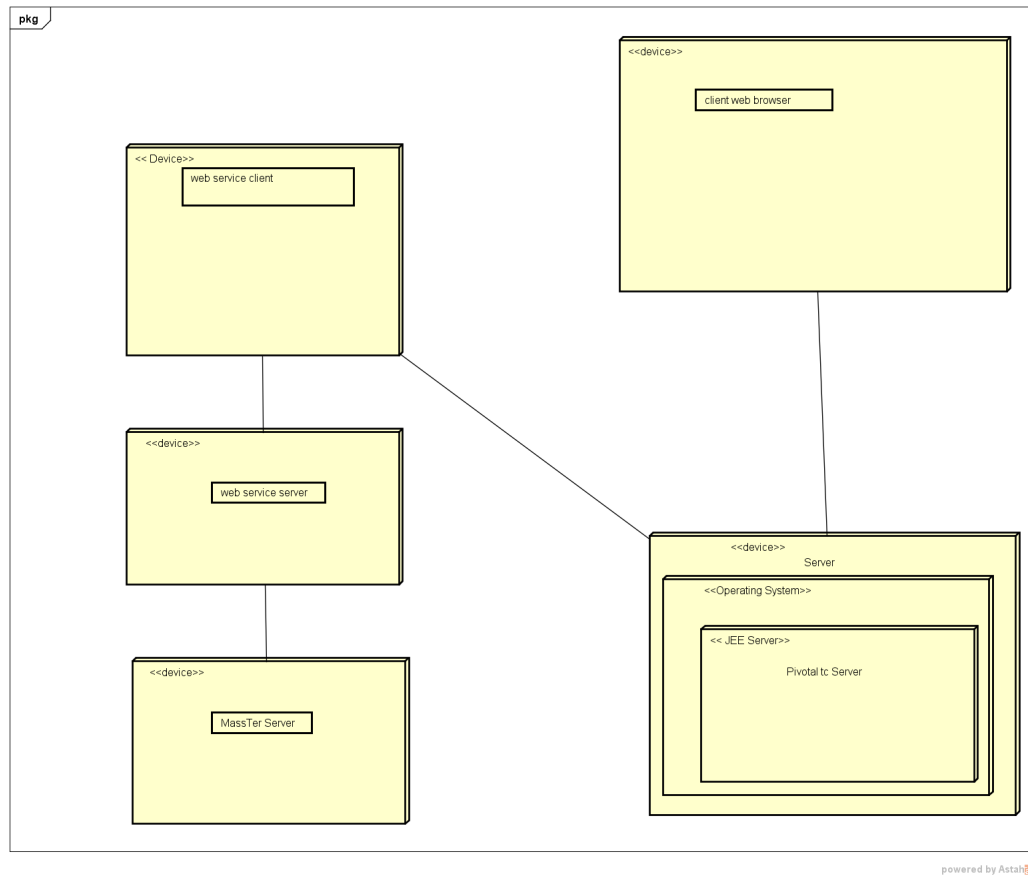


Figure 1: Deployment Diagram Physical Architecture

2 Logical Architecture

3 Design Pattern

IV Detailed Conception

1 Package Diagram

2 Class Diagram

3 Sequence Diagram

V Conclusion