

Introduction to Research

Project Report Econet::Toolbox

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Econet project report::Toolbox, made under the module introduction to research of the master 1 ALMA

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Introduction

I. Some basic points

I.1. What is a component?

- Definition of a model

- Definition and representation of a component

I.2. What is an Eclipse plugin?

- Definition of a Plugin architecture.

- Definition of an OSGI plugin

- The different pieces of an Eclipse plugin : MANIFEST.MF, plugin.xml

II. The analysis

II.1. The project environment

- Econet

- A & B process

- Toolbox

II.2. The analysis of the need

- Necessary features

- Case use

II.3. The analysis of the system

- Sequence diagrams and collaboration ones

- Class diagram

II.4. Project management

- Definition of the tasks

- Definition of the roles

- Planning of tasks

III. Design

III.1. The Preliminary Design

- Description of the chosen architecture

- Description of the GUI

III.2. The conception

- Realization of the IHM

- Realization skeletal Plugin

III.3. Project management

- Concordance with the planning

- Justifications

IV. The development and testing

IV.1. The development of Econet plugin::Toolbox

IV.2. The development of plugins Tools

IV.3. The tests used

IV.4. Project management

Conclusion

Bibliography