

# FESA vs. Eclipse Luna

A Sneak Preview

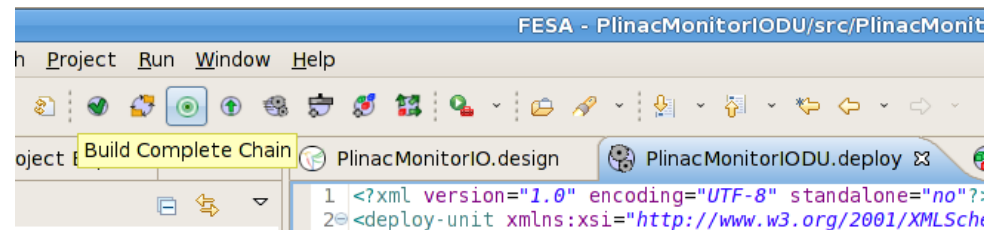
# Eclipse Luna: new Code Base for FESA Plug-In



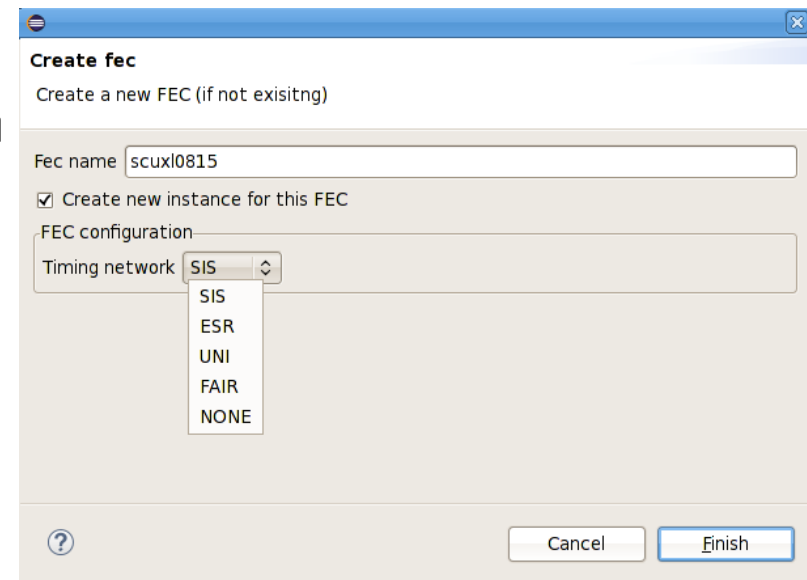
- In 2014 the FESA plug-in was re-implemented @CERN
- The main functionality stays the same
- Several visible parts (e.g. preferences, wizards) are redesigned / extended
- New: Usage of views provided by Eclipse such as Problem View, Console instead of FESA specific views

# New Features I

- Build All / Build Complete Chain
  - build related FESA classes / deploy-unit for several CPUs



- Select Timing network during new FEC creation
  - Configuration file for simulated timing only when NONE was chosen

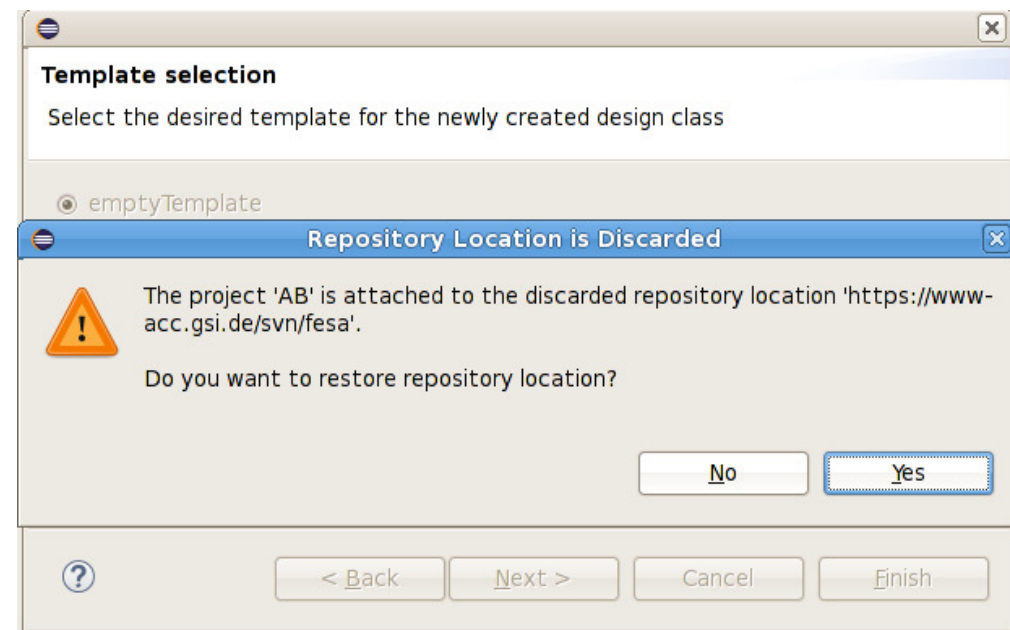


## New Features II

- improved promotion of instances (updates of configuration elements)
- internal improvements ‘under the hood’
  - speed
  - CDT indexer
  - extended evaluation of CLIX rules for validation
  - ...
- ...

## Drawbacks I

- Creation of new FESA projects triggers Restore Repository Location Dialog
  - Clicking 'yes' creates the given repository location
  - Clicking 'no' does not connect the new project to the repository as a working copy



## Drawbacks II

- Less FESA specific information is displayed in design editor
- Log file is not written to hard disc
- Newly created documentation / html files are not opened automatically anymore
- ...

## Installation and Usage

- Make sure your environment is using Java 8:  
./common/usr/cscoap/bin/jdk8  
(Script kindly provided by. R. Mueller, CSCOAP)
- Launch Eclipse Luna:  
eclipse-luna&
- Update Site URL:  
<https://www-acc.gsi.de/data/eclipse-luna/fesa>