



Project Update

Eclipse Unconference

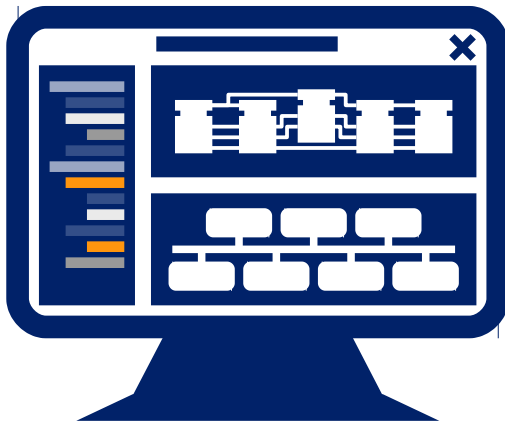
IoT Working Group

Monika Wenger, fortiss GmbH

4diac Project Overview

- **Framework for distributed industrial automation and control**
- **Implements IEC 61499**

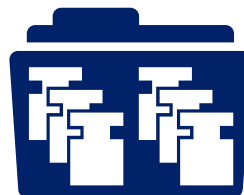
4diac-ide



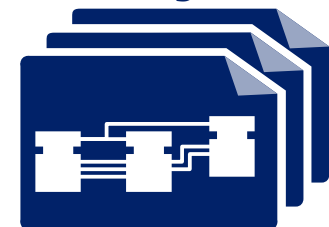
4diac-rte (FORTE)



4diac-libraries




4diac-systems



4diac Project Status



- **+1 committer**
- **+1 active member company**  redhat.
- **10 contributors**
- **Issues**
 - ~508 open
 - ~332 closed
- **Commits**
 - ide: ~756
 - rte: ~290
- **115 forum threads**
- **6.342 downloads on sf**
- **22.435 Website hits**
- **1st Eclipse Release**
 - **4diac-ide @ Eclipse Git**
 - **10y dev. history** (*svn, hg*)
 - **~900 commits**
 - **Code cleanup** (*-200 gen. files, -200 hand written files*)
 - **Dynamic loadable types** (*embedded LUA engine*)
 - **+3 HW platforms** (*Bosch XM 22 IndraControl
INSYS icom MR-router,
uMIC 200*)



4diac Project Plan

- **Transfer to Eclipse**
 - **Legal clarification for**
 - **4diac library**
 - **4diac examples (systems)**
 - **Support Subapplications**
 - **Stabilization after code cleanup**
 - **Develop a feasible Milestone plan**
- **1.9.0 first Eclipse hosted release**

4diac Collaboration Opportunities

Eclipse IoT:

- **NeoScada**
- **MILO**
(OPC UA)
- **Paho**
(MQTT)
- **Unide**
(production performance management protocol)

Research Projects:

- **BaSys4.0**