WP9 Earth Observation Applications

4th Project Conference – 4-8 March, Paris

[Architecture Group]

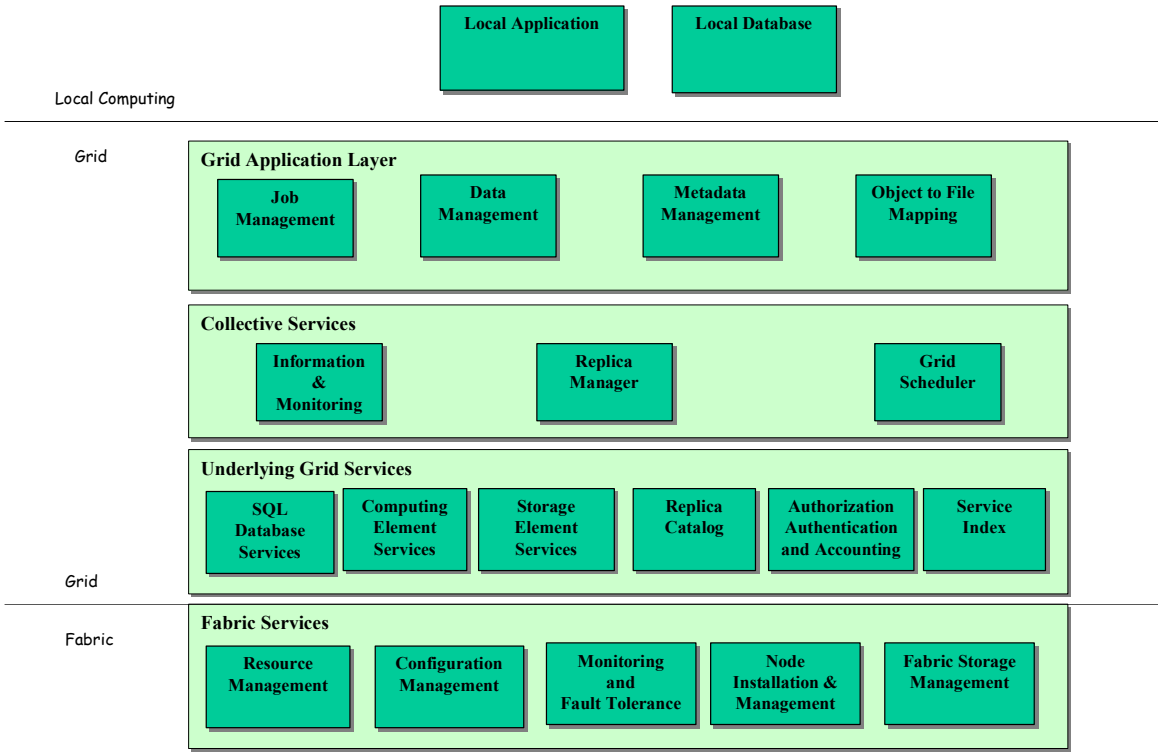
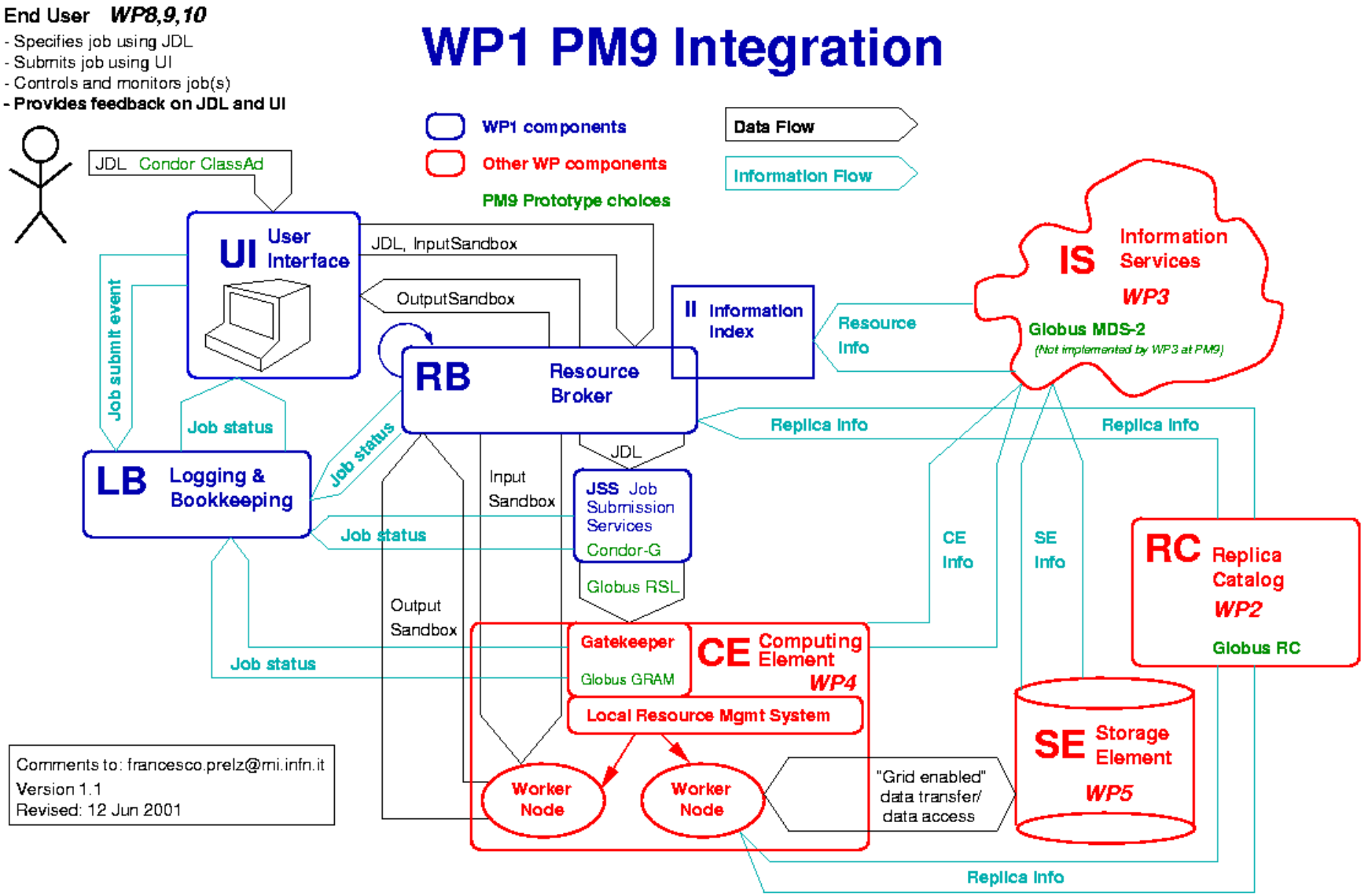
WP9 Input to Architecture Group

- Role of EO Applications: to provide balance and assure a "application neutral" architecture
- Act through gathering EO requirements and channeling them into the Architecture Design process
- Responding to ATF questions
- Assess the EDG Architecture with respect to the desired functionality, provide feedback
- Express EO Requirements in terms of architecture elements (detailed analysis to follow)

Issues

- Need accurate and up to date view of current architecture
  - View needs to show data, control and information flow
  - Use of UML, other OOAD tools?
  - Integrated, unified view in terms of actual middleware components
- Information System needs to be resolved
- Need clear indications of role of each middleware package
- Interactions between components are not clear
- APIs unknown
- Integration Layer is missing

DataGrid Architecture (View 1)



DataGrid Architecture (View 2)