MRD Public Space Home Page

Software Projects

NOTICE: The documentation provided below on the "workflow broker" refers to a version of that service which is no longer supported. Much of the page is also lagging (the Ogrescript user's guide is missing entries for a number of new tasks). The following links refer to more recent work:

- **For the most recent description of the workflow engine, see PWE2008.**
- **Some guidelines for using version 3.0+: Siege_3.0.**
- **For ongoing thoughts concerning the integration of PWE with PTP, see PTPFLOW.**
- ***Download* of PTPFLOW.**
- ***Download* of ptpflow-examples.**

The most up-to-date documentation is now being made available as Eclipse Help Pages (ncsa.eclipse.help plugin) distributed on the PTPFLOW update site.

The following (especially Workflow Broker), are out of date:

Libraries

Name	Description
Trebuchet	Multi-protocol file transport library
Ogrescript	Extensible XML scripting language

Agents & Containers

Name	Description
Elf	Robust, extensible container for remotely launched scripts
Trigger Agent	Mananges remote actions

Web Services

Name	Description
Workflow Broker	Scalable, high-level control-flow service with parameterization capabilities for generating and managing ensemble-like workflows
Event Repository	Persistent store for accessing historical event info
Host Information Service	Information service holding host-based data
Tuple Space	Tuple-space-like service for distributed exchange of serialized XML objects

Graphical User Interfaces

Name	Description
Siege	Extensible front-end client based on Eclipse Rich Client Platform

Guides

- Batch Exit Codes