ATLAS Tags Web Service calls Athena via Athenaeum Framework

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ELSSI
deployed on Apache

Web Client
deployed with Manager
Extract.jsp

Command Line Client
installed on Linux
Extract.exe.jar

Portable Client
WebStart on
Linux, MacOS, MS,...
Athenaeum.jnlp

Mobile Client
installed on Android
Athenaeum.apk

poster PO-MON-061

Manager
deployed on J2EE container
Athenaeum.war

x.jar   conf.xml
command.py   manager.jsp

Manager and most Clients are based on the same foundation.

task execution management monitoring

Manager runs on any J2EE container, it translates requests from clients (formulated in XML) into commands and sends them to Workers. It manages and monitors the workers.

Worker
installed on Linux server
(ip:port)
XML-RPC Server
Python API
Athena executable

Ganga

job submission

Worker can submit skimming Ganga job.

Worker runs on any Linux machine, it can execute any Python task (and any other task via Python proxy).

tasks | management tasks

extract from TagDB — help

extract from TagDB + skim — fork server

event lookup — statistisc

status

config db

monitor

XML instructions parameters certificates

XSLT + JSP

Python fragments commands parameters certificates