Olog: Online Logbook

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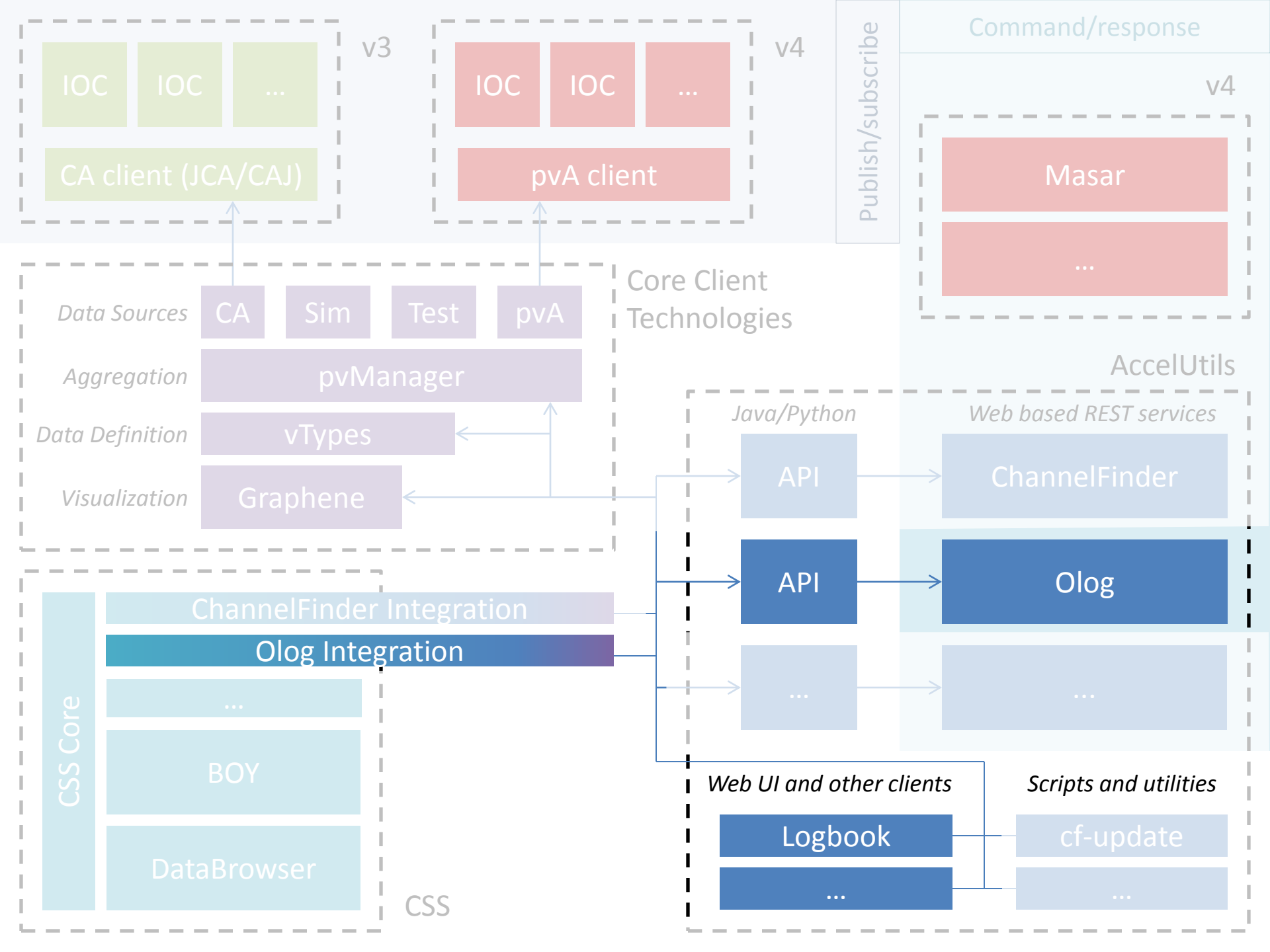
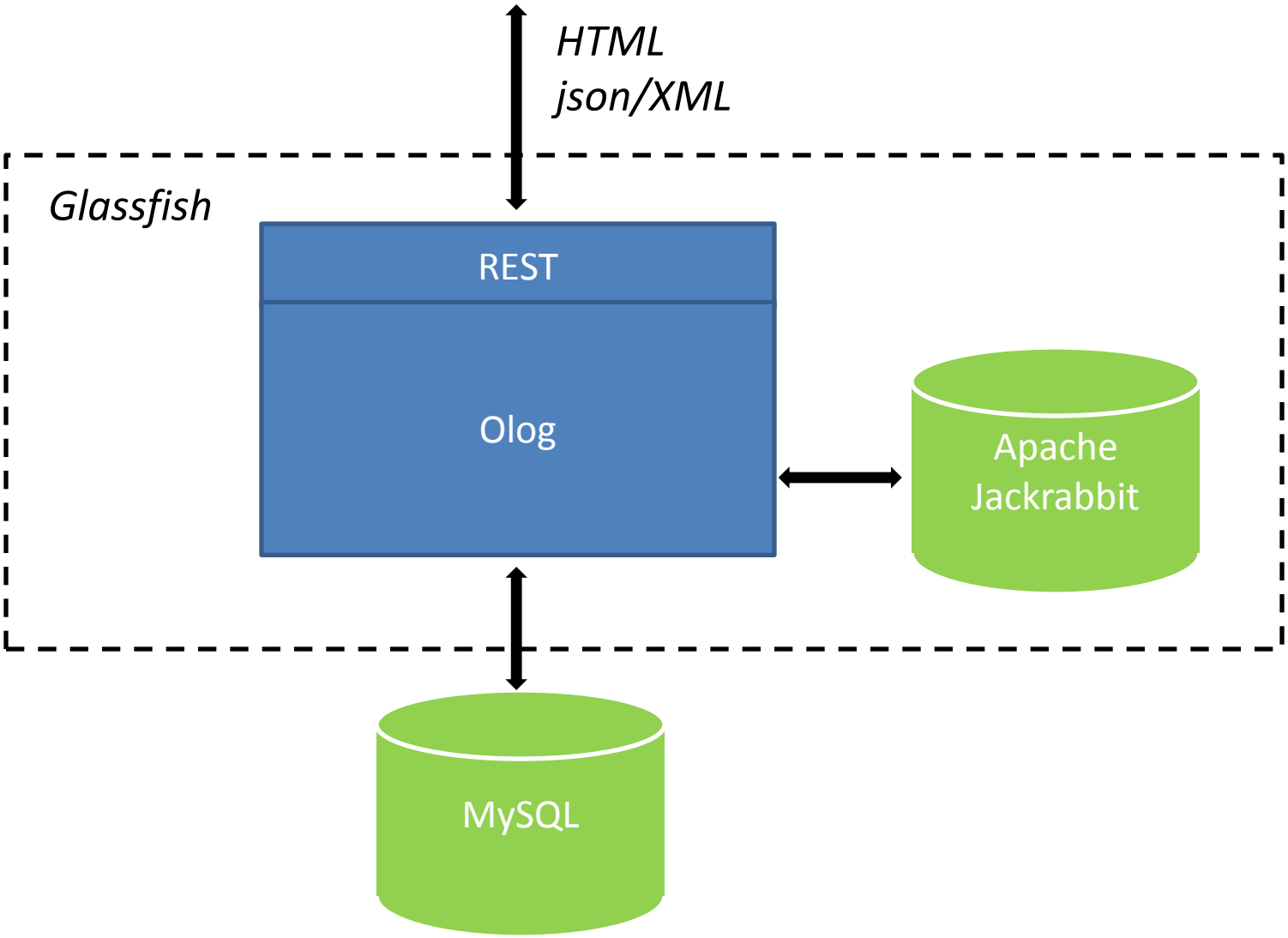

IOC
IOC
...
v3
CA client (JCA/CAJ)
IOC
IOC
...
v4
pvA client
Publish/subscribe
Command/response
v4
Masar
...
Data Sources
CA
Sim
Test
pvA
Aggregation
pvManager
Data Definition
vTypes
Visualization
Graphene
Core Client Technologies
AccelUtils
Java/Python
Web based REST services
API
ChannelFinder
API
Olog
...
...
ChannelFinder Integration
Olog Integration
...
BOY
DataBrowser
CSS Core
CSS
Web UI and other clients
Scripts and utilities
Logbook
...
cf-update
...

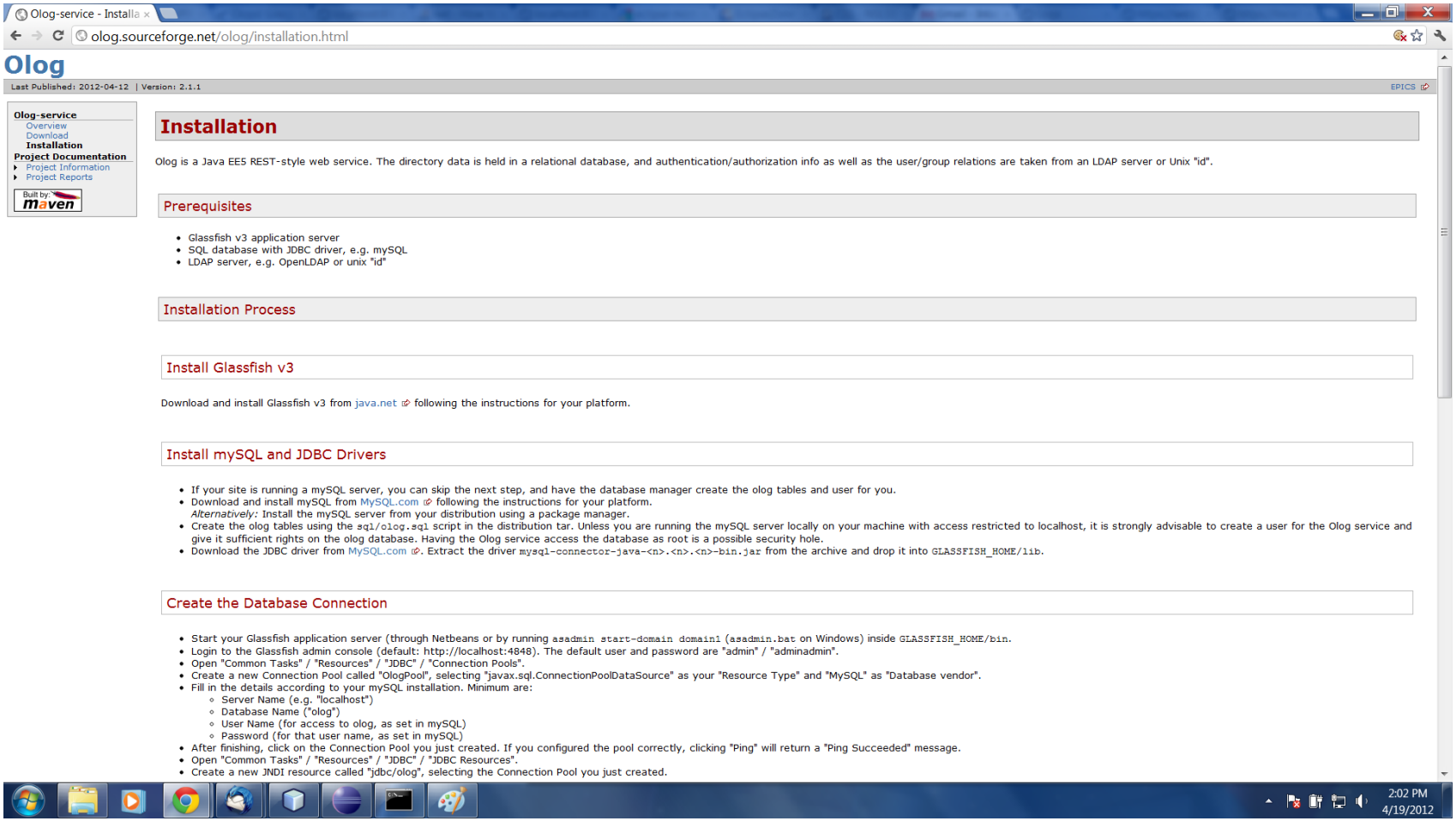
Motivation

- Create and modify logbook entries.
- Organize entries using multiple logbooks, tags and properties.
- Support attachments.
- Search
- Integration with other tools/service
  - Physics Data
  - Save Restore
  - CSS
  - …..

Architecture



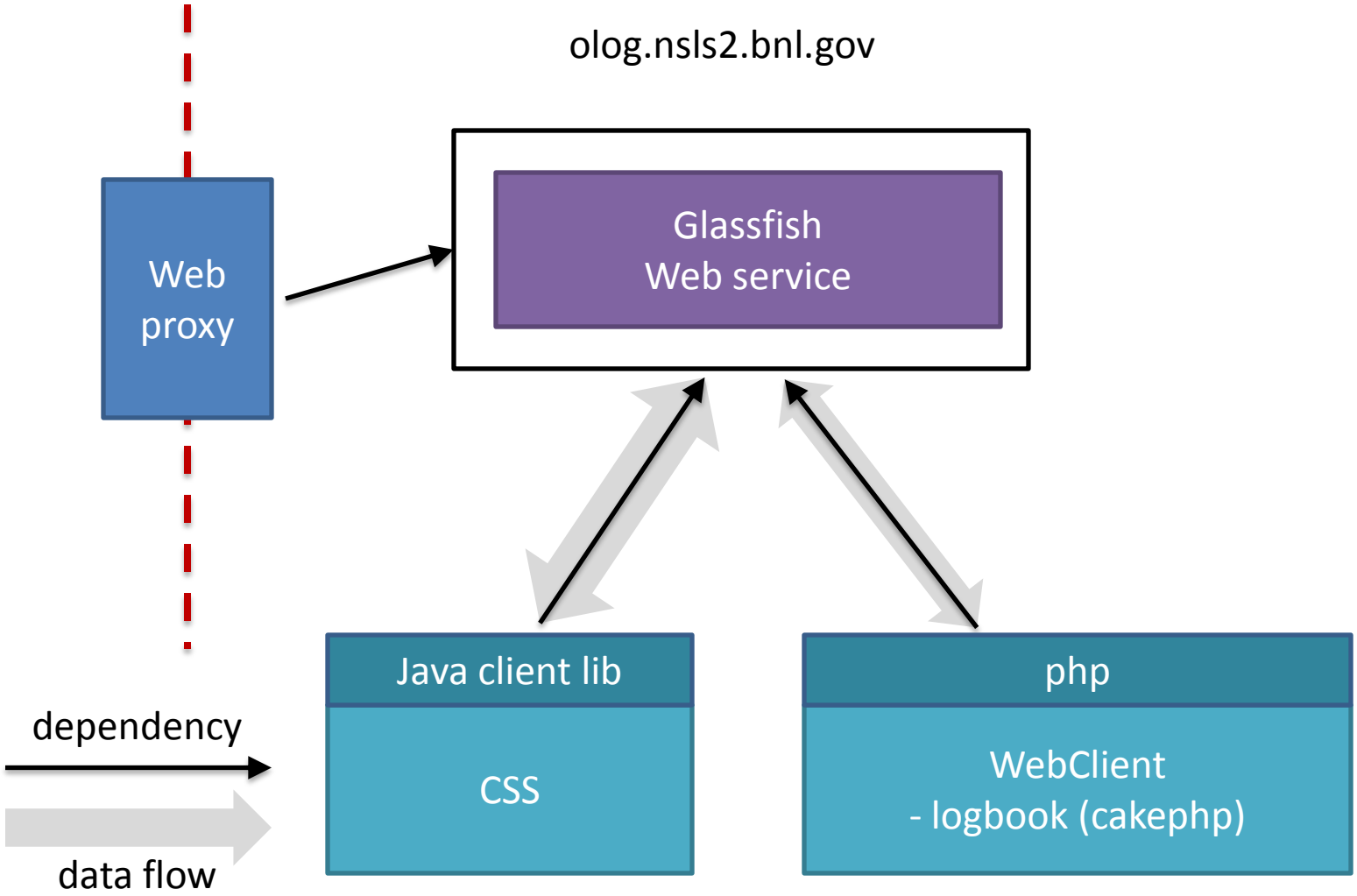
Getting Started



Installation

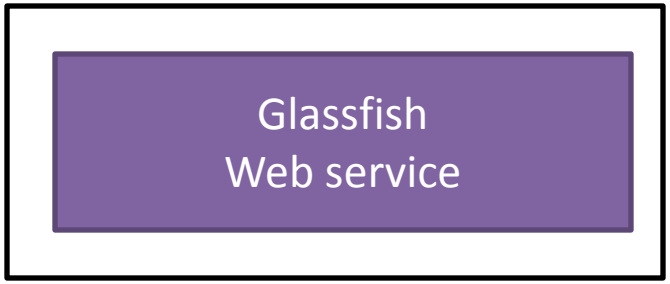
- Download and Install glassfish
- Download and Install MySQL
- Download the Olog
  - Run olog.sql scrip to create database
  - Drop the olog.war into autodeploy folder of glassfish
  - Create JDBC connection pool resource

Olog at BNL

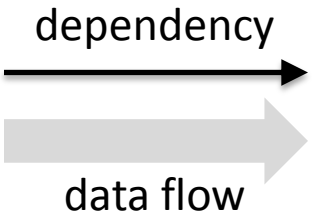

olog.nsls2.bnl.gov
Web proxy
Glassfish Web service
Java client lib
CSS
php
WebClient
- logbook (cakephp)
dependency
data flow

Olog Service

olog.nsls2.bnl.gov

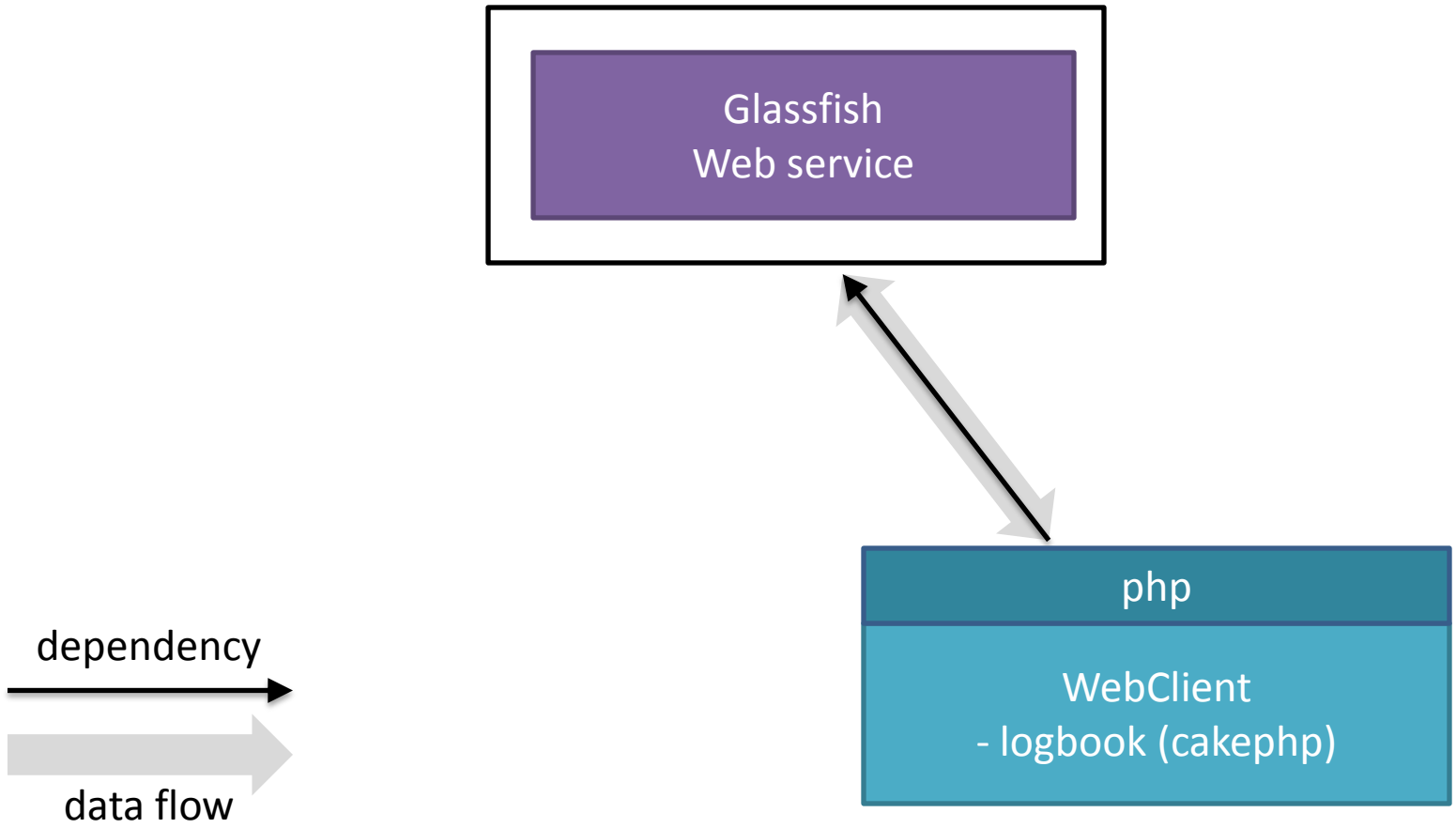


- Create and modify logbook entries with multiple logbooks, tags, properties and attachment.
- Search for entries

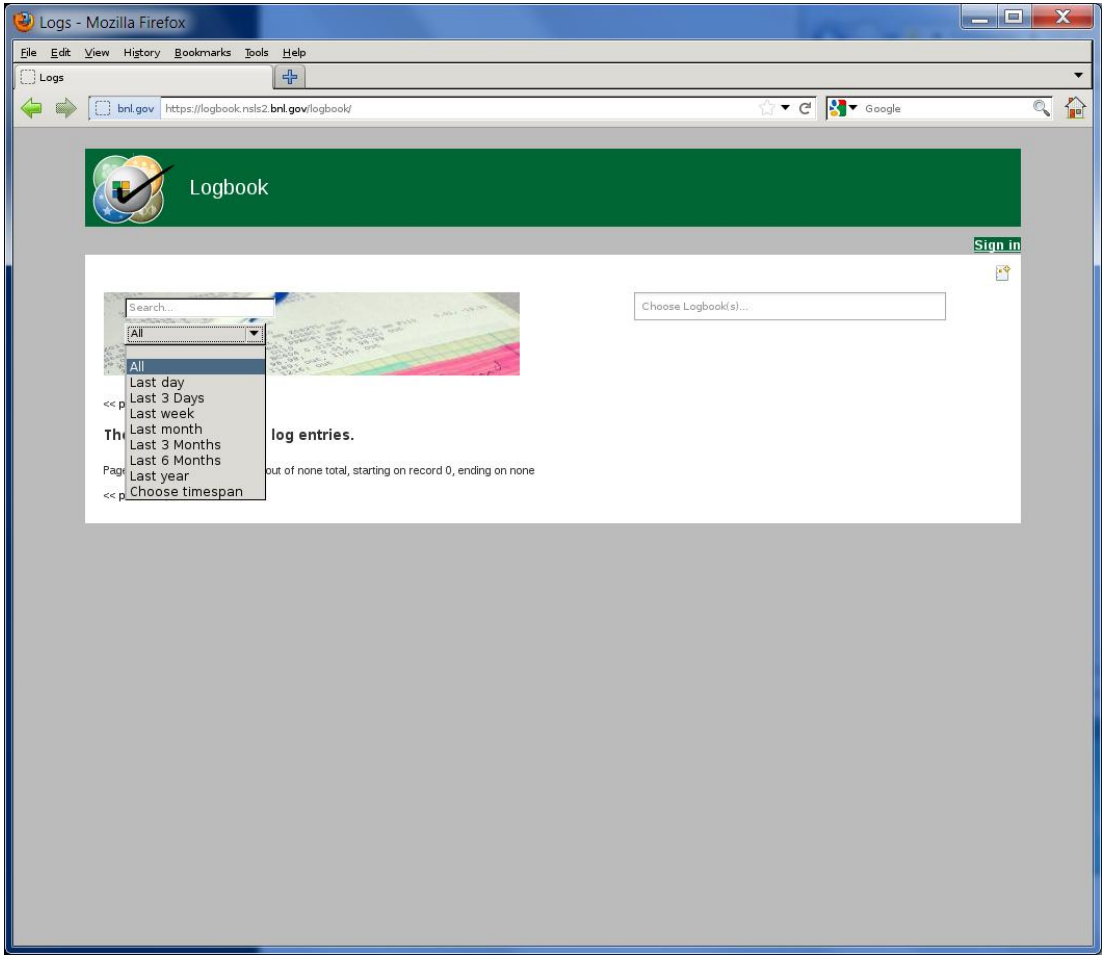


Olog webclient

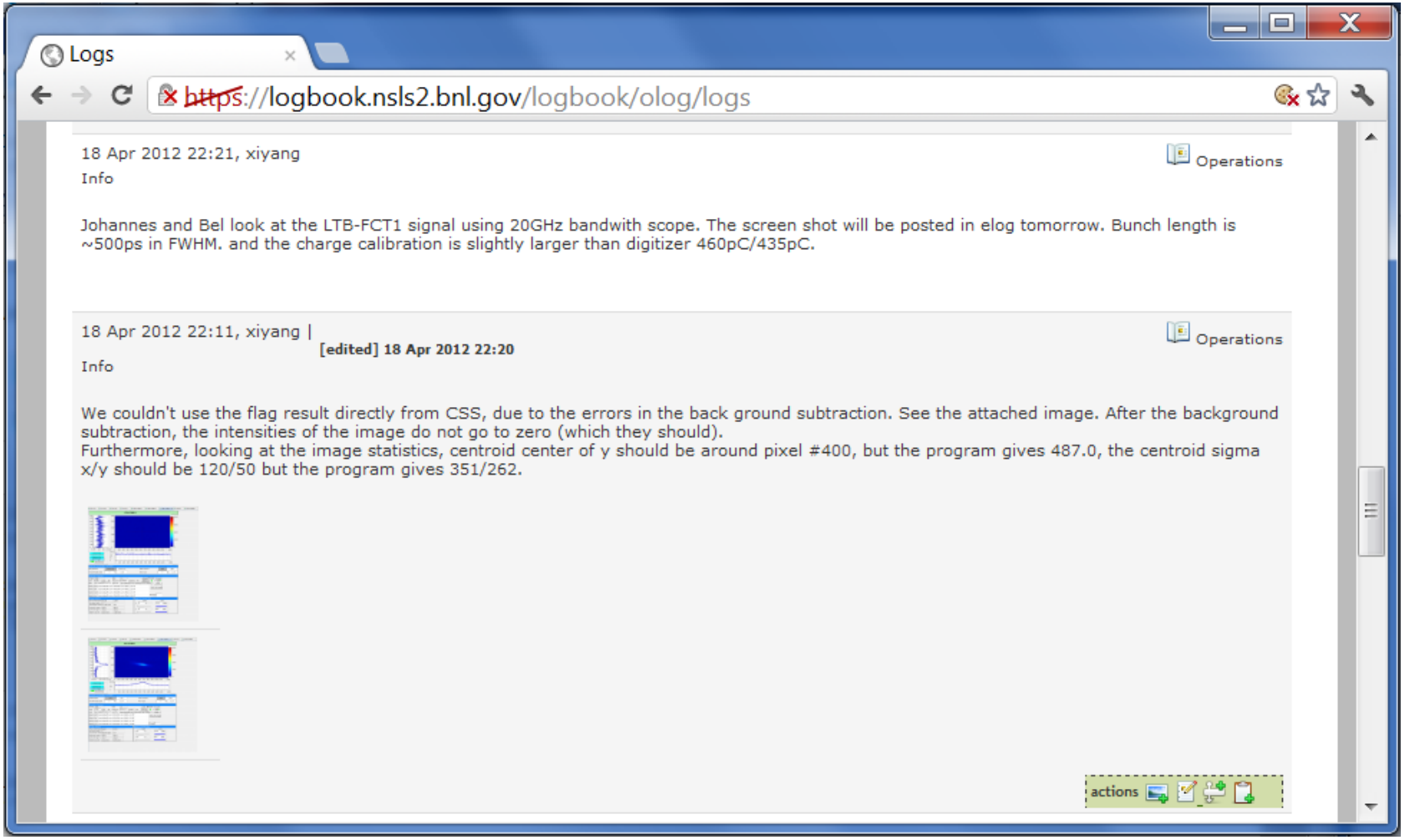
olog.nsls2.bnl.gov



logbook

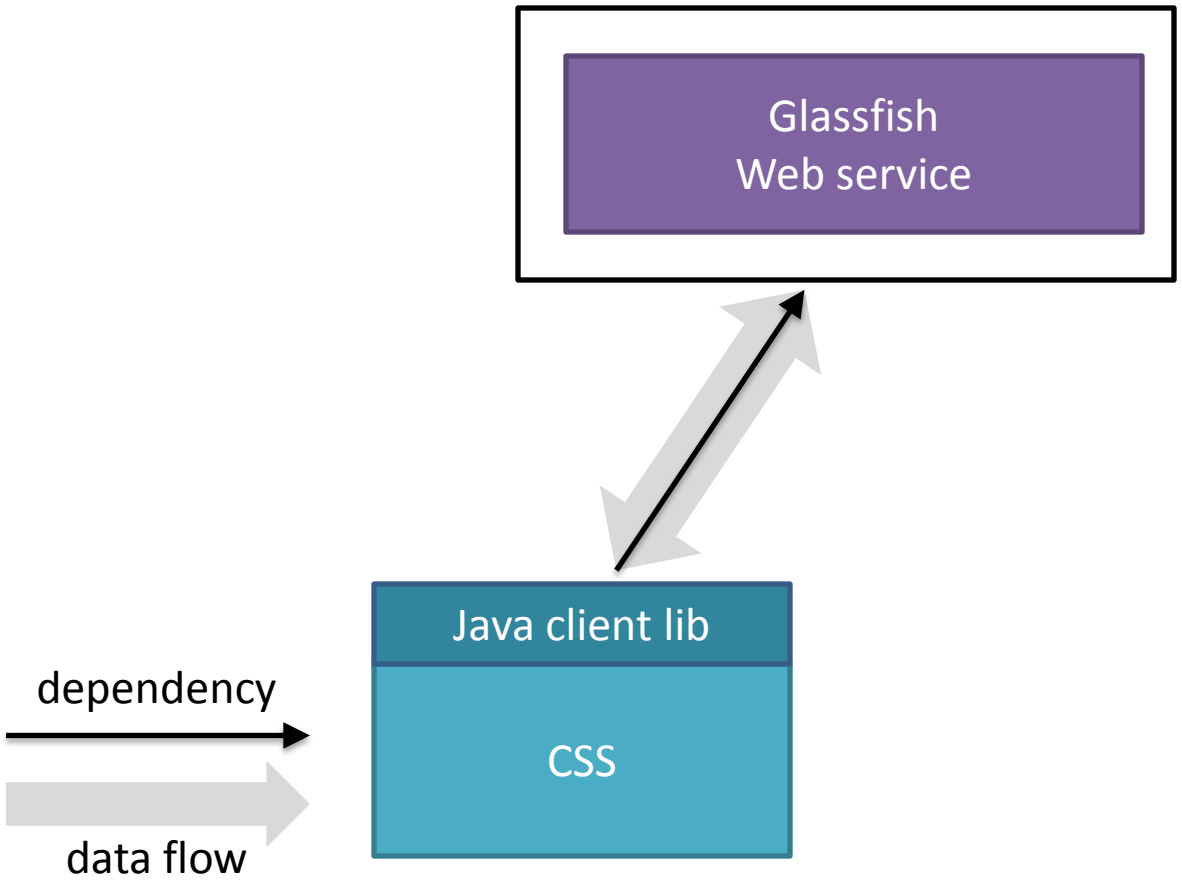

Logs - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Logs
bnl.gov https://logbook.nsls2.bnl.gov/logbook/
Google
Logbook
Sign in
Search...
All
Choose Logbook(s)...
All
Last day
Last 3 Days
Last week
Last month
Last 3 Months
Last 6 Months
Last year
Choose timespan
log entries.
out of none total, starting on record 0, ending on none

logbook

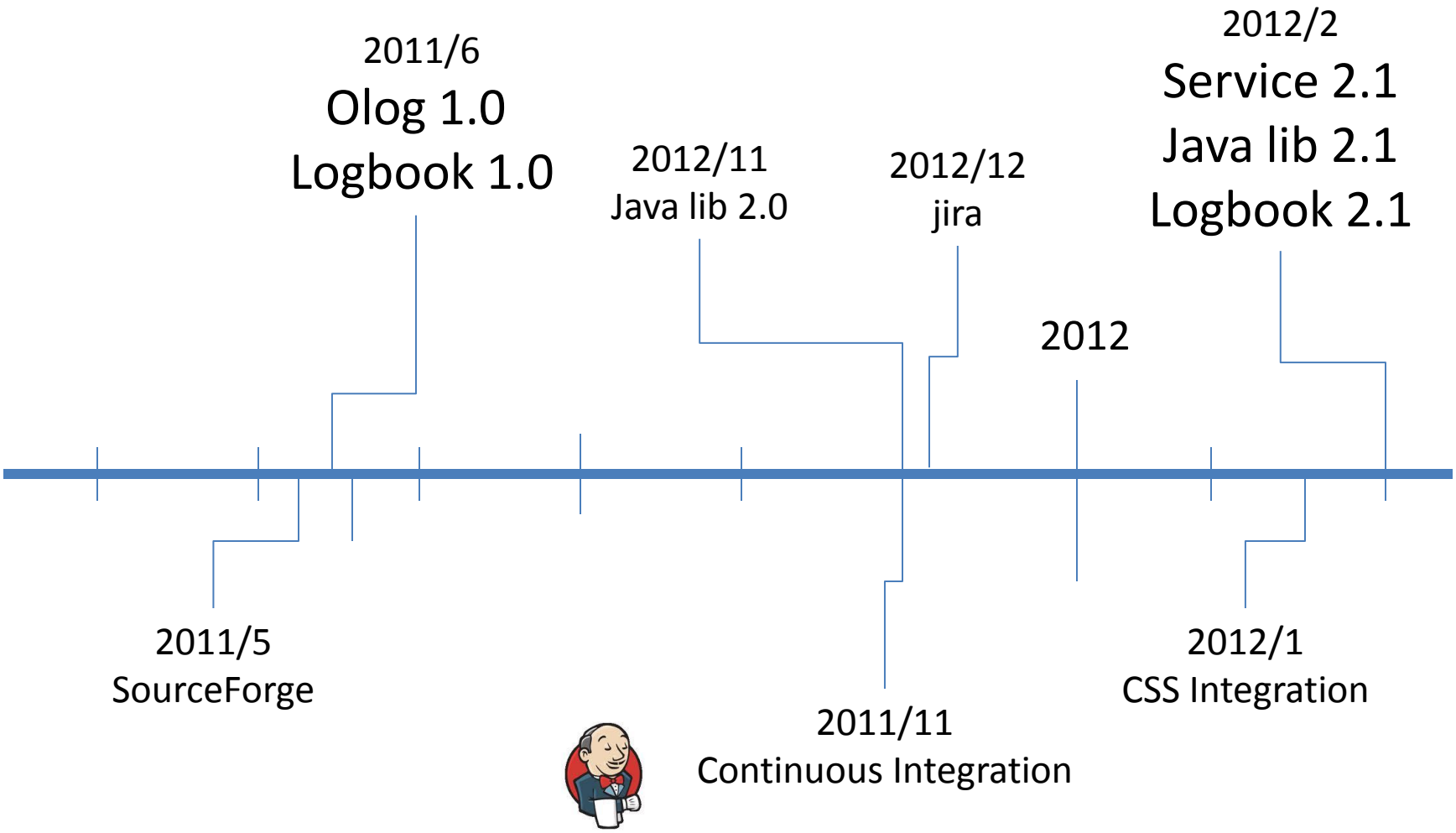

Logs
https://logbook.nsls2.bnl.gov/logbook/olog/logs
18 Apr 2012 22:21, xiyang
Operations
Info
Johannes and Bel look at the LTB-FCT1 signal using 20GHz bandwith scope. The screen shot will be posted in elog tomorrow. Bunch length is ~500ps in FWHM. and the charge calibration is slightly larger than digitizer 460pC/435pC.
18 Apr 2012 22:11, xiyang |
[edited] 18 Apr 2012 22:20
Operations
Info
We couldn't use the flag result directly from CSS, due to the errors in the back ground subtraction. See the attached image. After the background subtraction, the intensities of the image do not go to zero (which they should).
Furthermore, looking at the image statistics, centroid center of y should be around pixel #400, but the program gives 487.0, the centroid sigma x/y should be 120/50 but the program gives 351/262.
actions

CSS & Olog

olog.nsls2.bnl.gov



A Brief History of Olog



Questions?