caGrid Development Monthly Technical Status Report – September 2011

This report covers the progress made in the ongoing development of caGrid under Statement of Work *28XS097* during the month of September 2011 and has been prepared following the requirements of section 4.1.3 of that S.O.W.

# Issues Resolved

The following issues were moved into the “resolved” status in the caGrid Jira tracker during the period of September 1st to September 30th. Version numbers of “caGrid 1.5” refer to the next release of caGrid which supports SHA 2 certificates; Version numbers of “caGrid 1.6” refer to a future release.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Issue Type** | **Key** | **Summary** | **Resolution** | **Affects Version/s** |
| Task | [CAGRID-789](https://tracker.nci.nih.gov/browse/CAGRID-789) | Remove the BDT Remover project | Fixed | caGrid 1.6 |
| Bug | [CAGRID-786](https://tracker.nci.nih.gov/browse/CAGRID-786) | Data Service auditors config file property is not created propery by Introduce UI | Fixed | caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6 |
| New Feature | [CAGRID-766](https://tracker.nci.nih.gov/browse/CAGRID-766) | WS-Enumeration extension upgraders from 1.3 and 1.4 to 1.5 | Fixed | caGrid 1.3, caGrid 1.4, caGrid 1.5 |
| New Feature | [CAGRID-758](https://tracker.nci.nih.gov/browse/CAGRID-758) | caGrid metadata extension 1.4 to 1.5 and 1.6 upgrader | Fixed | caGrid 1.5, caGrid 1.6 |
| New Feature | [CAGRID-753](https://tracker.nci.nih.gov/browse/CAGRID-753) | Upgraders for SDK 4.3 data services from 1.3 and 1.4 to 1.5 | Fixed | caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6 |
| Task | [CAGRID-749](https://tracker.nci.nih.gov/browse/CAGRID-749) | Upgrade Core Services with Introduce 1.5 | Fixed |  |
| Sub-Task | [CAGRID-730](https://tracker.nci.nih.gov/browse/CAGRID-730) | CAGRID-728 Technical Status Report for August 2011 | Fixed | Sprint 2011\_08\_01-2011\_08\_12, Sprint 2011\_08\_15-2011\_08\_26, Sprint 2011\_08\_29-2011\_09\_09 |
| Sub-Task | [CAGRID-725](https://tracker.nci.nih.gov/browse/CAGRID-725) | CAGRID-723 Technical Project Plan Update for August 2011 | Fixed | Sprint 2011\_08\_01-2011\_08\_12, Sprint 2011\_08\_15-2011\_08\_26, Sprint 2011\_08\_29-2011\_09\_09 |
| Task | [CAGRID-722](https://tracker.nci.nih.gov/browse/CAGRID-722) | Create LOE for 21 CFR Part 11 artifacts | Fixed | caGrid 1.4 |
| Task | [CAGRID-651](https://tracker.nci.nih.gov/browse/CAGRID-651) | caGrid 4/4/2011 weekly task review document | Fixed |  |
| New Feature | [CAGRID-591](https://tracker.nci.nih.gov/browse/CAGRID-591) | caGrid\_metadata extension 1.4 and 1.5 and 1.6 upgrader needs to add the version resource property | Fixed | caGrid 1.5, caGrid 1.6 |
| Task | [CAGRID-500](https://tracker.nci.nih.gov/browse/CAGRID-500) | Update caGrid timeline png and vsd | Fixed | caGrid 1.4 |
| Task | [CAGRID-372](https://tracker.nci.nih.gov/browse/CAGRID-372) | caGrid build to support Ant 1.8 | Fixed | caGrid 1.6 |

# New Issues Identified

The following issues were added to the Jira tracker during the period of August 1st to August 31st. Note that the term “issue” is somewhat generic in Jira, and encompasses bugs, new features, tasks, etc.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Issue Type** | **Key** | **Summary** | **Status** | **Affects Version/s** |
| New Feature | [CAGRID-794](https://tracker.nci.nih.gov/browse/CAGRID-794) | Upgraders for SDK 4.2 data services from 1.5 and 1.4 to 1.6 | Open | caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6 |
| New Feature | [CAGRID-793](https://tracker.nci.nih.gov/browse/CAGRID-793) | Upgraders for SDK 4.3 data services from 1.5 and 1.4 to 1.6 | Open | caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6 |
| New Feature | [CAGRID-792](https://tracker.nci.nih.gov/browse/CAGRID-792) | Upgraders for SDK 4.0 data services from 1.5 and 1.4 to 1.6 | Closed | caGrid 1.4, caGrid 1.5, caGrid 1.6 |
| New Feature | [CAGRID-791](https://tracker.nci.nih.gov/browse/CAGRID-791) | Upgraders for SDK 4.1 data services from 1.5 and 1.4 to 1.6 | Closed | caGrid 1.3, caGrid 1.4, caGrid 1.5 |
| New Feature | [CAGRID-790](https://tracker.nci.nih.gov/browse/CAGRID-790) | Data Service Upgrader for 1.4 and 1.5 to 1.6 | In Progress | caGrid 1.6 |
| Task | [CAGRID-789](https://tracker.nci.nih.gov/browse/CAGRID-789) | Remove the BDT Remover project | Closed | caGrid 1.6 |
| Bug | [CAGRID-788](https://tracker.nci.nih.gov/browse/CAGRID-788) | Website column of cat\_entry table stores URL as serialized java.net.url | Open |  |
| Bug | [CAGRID-787](https://tracker.nci.nih.gov/browse/CAGRID-787) | Catalog editing issues in Portal 3.5 | Open |  |
| Bug | [CAGRID-786](https://tracker.nci.nih.gov/browse/CAGRID-786) | Data Service auditors config file property is not created propery by Introduce UI | Closed | caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6 |

# Releases of the caGrid Software

No releases of the software were made during the reporting period. With the reduced funding levels for development activities across the NCI and especially within the caBIG program, it is unlikely that a release will be made of the caGrid software in the near future, as this would require other project teams to upgrade their products.

# Presentations, Documentation Updates, Community Communication

The development team continues to interact with the user community and Knowledge Center, which facilitates community support and requirements gathering.

As expressed in the August update of this document, the caGrid 1.5 development grid with SHA 2 certificates has been created and a community announcement regarding it has been drafted. As described in the “Releases” section, the dev team believes that development of the SHA 2 support release is substantially complete. The dev team is awaiting approval of CBIIT to go ahead with the formal public announcement of the development and testing grid installation.

# Outstanding Issues Being Actively Worked

Numerous issues are being actively worked by the development team, as identified in the section “New Issues Identified” with the status “In Progress”. Since this report is a snapshot and issues being worked will change frequently, interested parties are advised to monitor the caGrid development Jira tracker at <https://tracker.nci.nih.gov/browse/CAGRID>. Long running issues being worked include the following:

* [CAGRID-540](https://tracker.nci.nih.gov/browse/CAGRID-540)
  + The overarching SHA 2 implementation task
    - See the above information regarding the development grid.
* [CAGRID-640](https://tracker.nci.nih.gov/browse/CAGRID-640)
  + The overarching task to create upgraders for services from previous versions of caGrid to the current version
    - Numerous tasks are linked to this one so that all upgraders can be identified and development progress tracked.

# Critical Risks or External Dependencies

* The caGrid 1.5 with SHA 2 support development grid has been deployed at Ohio State, and is awaiting approval of a community announcement.
  + The SHA 2 support upgrade will require downstream products to upgrade and work through any issues encountered. The sooner they are able to test their products with the new version of the grid, the cleaner and more robust the final release will be.
* The de-scoped and scaled down development of caGrid will make it difficult to deliver new features that customers and users have requested in a timely manner.
  + This delay may cause them to abandon the grid entirely, or find alternative solutions to their use cases.
  + A mechanism for quicker support and feature addition releases could be researched and identified with the understanding that the only such changes made under this model wouldn’t impact the deployment of the production grid, which requires significant coordination and advance scheduling.