# caArray-caIntegrator – Status Meeting

**March 6, 2012**

## Attendees:

|  |  |  |  |
| --- | --- | --- | --- |
| Andy Evans |  | Mervi Heiskanen | Y |
| Cuong Nguyen | Y | Michael Benham |  |
| Deb Hope |  | Paul Shrabstein | Y |
| Don Swan | Y | Quy Phung | Y |
| Eve Shalley |  | Rashmi Srinivasa | Y |
| Greg Gurley | Y | Robert Shirley |  |
| Henry Schaefer | Y | Shine Jacob | Y |
| Jacob Mensah | Y | Tony Kerlavage |  |
| Jill Hadfield | Y | Will Fitzhugh |  |
| JJ Pan | Y | Xiaopeng Bian | Y |
| JP Marple | Y | Yeon Choi | Y |
| Juli Klemm | Y | Zhong Li | Y |
| Larry Brem | Y |  |  |
| Maki Duncan |  |  |  |

## Discussion:

### caArray:

* caArray 2.5.0 status:
  + Iteration M24 In Progress:
    - Splitting Imports UAT ongoing. Agilent gene expression file took 0.5 hour to import; need to investigate performance and check if it is tier-specific. Resume works well.
    - Improved Uploads – Resume portion targeted for completion tomorrow.
    - TRANSCEND – Finishing up CAS prototype for Single Sign-on. Design of Audit Trail / Automatic Refresh targeted for completion tomorrow.
  + BDALite configuration requested for STAGE tier. ETA = end of this week.
  + Other:
    - Patched 2.4.1 source code and updated documentation (ARRAY-2295).
    - Supported Columbia in next gen sequencing effort.
    - caGrid 1.5 upgrade estimates sent. Need for caGrid upgrade is driven by tech stack considerations.
* Project plan: <https://ncisvn.nci.nih.gov/svn/caarray2/trunk/docs/project_management/caArray_Project_Plan.mpp>

### caIntegrator:

* Tech Stack Upgrade – Final step - On Hold.
  + UPT upgrade and caDSR - Beta release expected in few days.
  + caGrid 1.5 upgrade will involve analyzing the dependencies on several applications including caDSR, NBIA, GenePattern and Bioconductor. All current 1.x grid services will continue to work, but there will be no technical support for caGrid v1.2 going forward.
* Other activities
  + Other maintenance and bug fixes.
    - MAT-KC Support
  + TRANSCEND
    - Archive Study (Enable/Disable)– QA Completed. Demo to the user on Wed 7th.
    - caArray Refresh – Started.
    - Role based Permissions – Ongoing. Need to verify the user story (scheduled for Wed 7th)
    - High-level tasks on TRANSCEND JIRA
* Project plan [https://ncisvn.nci.nih.gov/svn/caintegrator2/trunk/docs/project\_management/caintegrator\_project\_plan.mpp](https://ncisvn.nci.nih.gov/svn/caintegrator2/trunk/docs/project_management/caintegrator_project_plan.mpp" \t "_blank)

### TRANSCEND:

* caArray – Finishing up CAS prototype for Single Sign-on. Design of Audit Trail / Automatic Refresh targeted for completion tomorrow.
* caIntegrator - Role based Permissions, caArray refresh – Ongoing
* Mapping the individual project Jira items to the TRANSCEND Jira items.

### Systems and DBA:

* BDALite configuration requested for STAGE tier. ETA = end of this week
* Current contingency plan:
  + If the Production server goes down, the Systems team will switch to the STAGE server and make it point to the Production database.
  + If the Production database goes down, they switch to the REP (replicated) database. To resume normal operation, REP would have to be copied to the PRODUCTION database, which will take a long time due to the size of the database.
* The Systems team plans to make a configuration change to the Production database on Thursday morning at 8AM. The down time is expected to be a few minutes, and Quy will test to make sure everything worked. Juli and Zhong will warn the community about this down time.
  + This configuration change caused caArray to stop working the last time it was tried, but it has been tested this time.

### Documentation:

* Jira access for Jill to edit and add comments. Rashmi will follow up.

### Support and Knowledge Center:

* Hooman is testing the caIntegrator heap size issue. The heap space settings (-Xmx) may be inadequate on their installation.

## Open Action Items:

* Full list of closed and current action items are available here: <https://ncisvn.nci.nih.gov/svn/caarray2/trunk/docs/project_management/caArray_caIntegrator_Action_Items.xlsx>

| **Item #** | **Description** | **Responsible Party** | **Date Identified** | **Disposition** |
| --- | --- | --- | --- | --- |
| 34 | Discuss need for disaster recovery / backup server solution | Juli Klemm and JJ Pan | 2/28/2012 | Complete |
| 35 | Forward information re: dependency on EVS | Mervi Heiskanen | 2/28/2012 | Complete |
| 36 | Warn caArray community re: planned down time of <1 hour on Thursday at 8am. | Juli Klemm and Zhong Li | 3/6/2012 | In Progress |
| 37 | Get modify access to Jira for Jill. | Rashmi Srinivasa | 3/6/2012 | Not Started |