#### BDA Plans

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2115 East Jefferson Street

Rockville, MD 20852

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## Project Plans

Project teams the BDA will work with to get to green. **It is the responsibility of the project team to make the necessary changes to get their indicators to green**. It is the responsibility of the BDA team to provide the resources for being capable of creating single-command working software.

| **Project** | **Description** | **Tasks** |
| --- | --- | --- |
| caTissue | We implemented most of the BDA on this project | * Schedule meeting with Michelle Lee, etc. and merge changes from August/September into the trunk of the new project * **Due Date: Q2** |
| MDR | This is the new and improved version of caDSR. They are beginning development so it may be a few weeks/months before all of the certification indicators are relevant to these projects | * Schedule meeting with team to go over BDA and BDA certification for this project. * **Due Date: Q4** |
| LexEVS 6.0 | This project requires LexEVS DB automation. | * LexEVS database administrator must provide us with requested step-by-step information * **Due Date: Q2?** |
| LexEVS DB Automation | This precedes the work on LexEVS 6.0 | * Reach out to project team to get feel for schedule and deployment timeline * **Due Date: Q2?** |
| COPPA | Implementing “Disposable Containers” on new version of COPPA including multiple container support | * In Process * **Due Date: Q1** |
| * CCTS – C3PR * CCTS - caAERS * CCTS – caXchange * CCTS - LabViewer * CCTS – PSC * caBIO - Web App * caBIO – Grid Service * NCIT Browser * caGWAS * caMOD | “Low-hanging projects”. Projects that are very close to full BDA certification | * Send emails to teams with recommendations for making changes to become BDA certified * Schedule one-on-one meetings with developers to ensure they understand what to do to become and monitor BDA certification * **Due Date: Q1** |
| * caBIO DB Automation | Automated the database creation process. Get the steps from the CBIIT DBAs so that entire process is automated. This is a 100+ hour project. | * Reinstitute this project * **Due Date: Q2** |
| * caGrid | A lot of automation is already occurring here. | * Schedule meeting to start BDA’ficiation process * **Due Date: Q3** |
| * BioPortal * caNanoLab * caB2B | Low priority | * **Due Date: Q2** |
| * caCore - SDK * caCore - Workbench | They are using different process. We need to meet with them. | * **Due Date: Q2** |

## Communication Plan

Our communication plan is multi-faceted including soliciting feedback from project teams, creating an advisory team, hosting brownbags, and improving the perception and communication of what our responsibilities are at CBIIT.

### Project-specific feedback

We will meet with project teams who are already using the BDA and solicit their feedback. Initial teams will be:

* caArray (week of February 15, 2010)
* caBIO (later February or early March)

### Advisory Team

Identify BDA Advisory Team. For example: Eric K., Doug H., Satish, CCTS. We will meet once a month. Also include “rolling” participants from Systems, QA and other CBIIT teams.

#### To Do

* Identify team
* Arrange room and monthly meeting
* Specify charter
* Specify first meeting’s agenda

### BDA brownbags

Institute a monthly series of brownbags for open participation from CBIIT project teams. The first brownbag will be in mid-March on “Going Green with BDA” which will describe how and why to get a project to green for all indicators on the BDA certification dashboard.

#### Going Green with BDA

Explain each of the factors in the BDA certification and how we determine a project is certified. Provide examples and solicit feedback from project teams.

**To Do**

Develop agenda for this one-hour session and send emails to project teams for those who want to attend.

#### Implementation-specific brownbags

Focus on specific BDA features such as Database upgrades, Ivy dependency management or IzPack installers.

**To Do**

Develop agenda for each of the one-hour sessions and send emails to project teams for those who want to attend.

### Perception

* Educate teams and government sponsors on purpose of the BDA certification tool including the fact that the initial focus is as a tool while a project is under development
* Increase formal meetings with various teams: Systems, QA, Project Managers, CBIIT management, Architecture, etc. to communicate and solicit feedback
* Provide different tabs/views on Certification Dashboard:
  + Teams who have implemented BDA and those who haven’t
* Provide summary information to get better context on BDA certification (e.g. those projects that are one or two indicators from certification)
* Move to “Build Management as a Service”? (take over responsibility for BDA implementation and certification?)

## Enforcement/Governance Plan

* Schedule meeting with Directors of Systems, QA, Applications, Architecture about BDA Certification Responsibilities
* Create new target for Systems team to add to AntHill Pro builds in DEV, QA, STAGE, PROD (against a tag)
  + New target will email the BDA team
* Systems team will verify BDA provisional certification is successful prior to promoting to next target environment (it will be documented in Wiki deployment instructions that project teams use)

## Certification Dashboard Revision

We are displaying the certification dashboard using a web application and providing way for administrators and projects to use a web application to configure how the certification tool evaluates, as a whole, and on individual projects. The benefit will be to eliminate reliance on wiki (and numerous log entries), provide mechanism for displaying richer content and reduce the BDA bottleneck for administering the certification. Primary goals are:

* Web-based dashboard of the existing certification tool that is on Wiki
* Web-based configuration
* Single command provisioning and deployments of certification dashboard into any instance in minutes
* Test-driven development

Code branch for this development is checked into <https://gforge.nci.nih.gov/svnroot/automation/branches/bda-dashboard-2.0.0/>