Airavata projects

Next Steps and Q&A

Assignment 3 logistics

- Respond to (or create a new) issue
  - https://issues.apache.org/jira/projects/AIRAVATA?selectedItem=com.atlassian.jira.jira-projects-plugin%3Asummary-page

- Create a pull request to an airavata repo
  - Fork the repo
  - Make changes
  - Submit pull request
  - Respond to feedback (comments) on PR's

Logistics Contd.

- Git repos:

- airavata core repo - https://github.com/apache/airavata
  - Any changes to back end java services and API services
  - Changes to DevOps tools

- airavata pga repo - https://github.com/apache/airavata-php-gateway
  - Changes to PHP (Laravel) code

- airavata sandbox repo - https://github.com/apache/airavata-sandbox
  - Code which does not belong in above two repos

Licensing

- Be aware of https://www.apache.org/legal/resolved.html

Step 0: Subscribe to airavata mailing list

- Send email to dev-subscribe@airavata.apache.org
  - Verify your email address by replying to confirmation email.
  - Send emails (once subscribed) to dev@airavata.apache.org
- Send email to issues-subscribe@airavata.apache.org
  - All github issues and JIRA statuses come to this list

Step 1: Test drive Airavata

- https://testdrive.airavata.org/
- Follow tutorial linked from home page

Step 2: Identify the project

- Once you identify a project you are working, you will need a unique JIRA issue for yourself.

- You can potentially collaborate on larger JIRA issues, but we would like to have a sub-task which describes just "your" work.

- Include the subtask JIRA numbers (example AIRAVATA-2521) in code commits and PR titles

Step 3: Write code

- Fork the corresponding repo
- Make changes
- Submit pull request

Step 4: Peer review

- Once peer reviews are assigned on Tuesday morning:
  - Understand the project what are you reviewing
  - If the goals are not clear, ask clarifications on JIRA issue itself.
  - Review the PR
  - Comment on the PR if you have issues with the code

Step 5: Merge/Reject PR by Airavata Committers

- If the PR is satisfactory and all feedback is addressed:

- One of the committers will act on your PR.

- Now the code will be part of Airavata

- Congratulations you made contribution to a Apache Software Foundation project.