

Integration Team Engineers - Oct 8, MoM

Participants

Prof Raghu Reddy, Geeta Bose, Soujanya, Apurv, Prabhsimran, & Kaveri

Date of Meeting

2014-10-08

Agenda of Meeting

1. Discuss the action plan for Integration team
2. Discuss the tasks to be taken up

Reference Document (Google Docs)

<https://docs.google.com/a/vlabs.ac.in/spreadsheets/d/1e04ZxhaPd4Bfd4YVd5z7SBjuK676F7AezSE7FL23ixE/edit#gid=0>

Points of Discussion

1. Prof Raghu discussed the comments made in the document regarding the feasibility of conversion of experiments.
2. He wanted us to populate the list stating the tasks for the Integration Team in sync with the proposed tasks of the VLEAD team.
3. He wanted us to list the services as per priority and build the labs to be ready to receive these services
4. The objective of the integration team is to ensure that the labs are ready to receive the APIs of the services being developed by VLEAD.
5. The plan of action of the integration team is to be ahead of other integration teams by at least 3 months.

Tasks defined

1. Retrieve the source files from respective lab developers for certain labs
2. Discuss with Prof Suresh Purini about the changes to be made in Computer Organization labs.
3. Explore the use of Swiffy for converting Flash to JS. The immediate focus is to convert the experiments using proprietary software to open source.
4. Discuss with Yogesh (RA) about the Flash to JS conversion process
5. Create visual chart outlining the tasks and timelines
6. Meeting with VLEAD to understand their proposed task plan

Tasks Undertaken by the Team

1. Yogesh -> had a brief session with Soujanya and Apurv to transfer information about his research on Swiffy.
2. Soujanya ->
 - a. Reaching out to the Lab Owners (Professors) to obtain the sources of the labs. She has not been successful yet. <Soujanya to update>
 - b. Versioning of lab sources on git
 - c. Implementing security at a web-application level
 - d. Applying performance best practices to lab
 - e. Updating google docs spreadsheet with tasks and activities
3. Prabhsimran and Kaveri -> Had a session with Prof Suresh Purini about the changes to be made. They have to submit the report to Prof Suresh Purini on Monday (Oct 13). Their tasks are updated online at -
<https://drive.google.com/?usp=folder&authuser=1#folders/0B47N8-NvNxyAd1lhZVZveTVwWEE>
4. Apurv -> Exploring the proprietary tools needed to facilitate conversion from Flash to js. Will send us a list by Oct 15 to outline the purchase of these tools.
5. We have made a list of the services for which APIs will be developed and next set of tasks from VLEAD:
 - a. Security at the web-application level
 - b. Performance of the labs
 - c. Auto-deployment
 - d. Single sign-on
 - e. Persistence
 - f. UI re-design
 - g. Cloud-hosting of labs
6. Based on the services and tasks of VLEAD, the current steps taken by the integration team are:
 - a. Team will work on the security & performance measures of the labs. Ishan and Jatin will have sessions with the team regarding this.
 - b. Lab-Integration-Kit is being released by VLEAD. All IIIT-H labs adhere to the deployment specs and are structured as per UI 1.0.
 - c. All the IIIT-H lab sources are currently on bitbucket. They will now be versioned on github. The team is currently planning the transition to github.

Next Meeting

Date: 15 Oct 2014

Agenda: Prof Raghu to review the work in progress