


2015-06-26 Developer Meeting

Attendees

- [Unknown User \(mfreemon\)](#)
- [Lengyue Chen](#)
- [Unknown User \(mfelarca\)](#)


Notes

-  [NDS-19](#) - Jira project doesn't exist or you don't have permission to view it.

- Discussed initial draft diagrams
- [Lengyue Chen](#) will break into 3 different diagrams
- 6/26 general discussion -- new revisions on their way

-  [NDS-24](#) - Jira project doesn't exist or you don't have permission to view it.


- [Unknown User \(mfelarca\)](#) will review tools/libraries for the web services app at the developer meeting on Wednesday
 - functionality needed includes REST API/impl generation support and authn/z
- 6/25 discussion
 - tentative direction is the MEAN stack – mongodb, express, angular.js, node.js
 - also loopback
 - from github: LoopBack is an open source Node.js framework built on top of Express optimized for building APIs for mobile, web, and other devices.
 - no problem calling the python OpenStack APIs
 - focus is getting alpha1 up and running quickly
- 6/26 more general discussion

-  [NDS-22](#) - Jira project doesn't exist or you don't have permission to view it.

- [Lengyue Chen](#) will draft initial REST API to be implemented
- [REST API for the Management of NDS Labs Environments](#)
- 6/25 discussion
 - good initial draft
 - will deemphasize authn/z in alpha1
 - pass parms only if it is "free" in terms of time and complexity
 - attach username and project id to environments only if it is "free" as above
 - alpha2 or later will use these fields
 - will discuss more at next dev meeting
- 6/26 more general discussion

-  [NDS-14](#) - Jira project doesn't exist or you don't have permission to view it.

- [Unknown User \(mfelarca\)](#) will demo existing web app at the developer meeting on Friday 6/26
- 6/26 discussion
 - old app up and running on mario's dev system
 - not connecting to yt-webapp
 - working with kacper on connectivity to yt-webapp problem

-  **NDS-18** - Jira project doesn't exist or you don't have permission to view it.
 - Unknown User (mfelarca) will rename/redefine bitbucket hg repository yt-webapp to nds-web-services
 - the name of the nds-explorer repository does not change (this is the web user interface)
 - will be done by Monday 6/29
- General NDS Explorer / NDS Web Services Design/Implementation Topics
 - NDS Explorer Design and Implementation
 - 6/22 No decision yet on how to store Environment or Service definition information
 - 6/26 discussion
 - use mongodb for store environment information
 - use flat file (not mongo) for service definitions – format of flat file to be proposed by Unknown User (mfelarca)
 - note previous input: ... having service definitions that can be expressed as JSON would be ideal, since that's readily and easily parseable (and constructable) in a fully client-side app.

Other

- Unknown User (mfreemon) is on vacation next week
- Developers will continue to meet on the regular schedule
- Goals for next week are
 - web service repo created and both (nds explorer and nds web services) repos made ready for active shared use
 - includes the "scaffolding" for our MEAN stack
 - first two pieces of functionality working end-to-end – from browser to explorer to web service to backend systems (openstack)
 - list environments
 - create environment
 - along the way, details will be worked out, such as
 - how we will be calling the python nova apis from our web services implementation
 - initial version of html pages
- Unknown User (mfelarca) will publish notes on either Wed 7/1 or Thu 7/2