

DevMtg 2014-04-30 - Let's Talk About Features

Developers Meeting on Weds, April 30, 2014

Let's Talk About Features!

This entire meeting will be devoted to discussion/brainstorming of possible new features to add to [DSpace 5.0](#) (and beyond).

The purpose of this meeting is to share and discuss:

- New DSpace features you or your institution are already working on (or may have already completed)
- New DSpace features or ideas you'd love to collaborate with others on
- Anything you'd like to "give back" to the community and donate to the next release of DSpace (version 5.0 scheduled for late 2014)

It is an opportunity to share your ideas or half-finished code with other DSpace developers and committers (and get early feedback or find collaborators). It's also an opportunity to brainstorm new collaborative projects, and/or locate others developers who may want to help you turn your idea into code.

We plan to hold these "Let's Talk About Features" meetings approximately once per month until the [DSpace 5.0](#) Feature Freeze (date TBA - likely late Sept or early Oct)

Agenda

Feature Discussions / Brainstorms

1. *From Anja Le Blanc:* REST API updates
 - a. I already got a pull request ([DS-1854](#) / [PR#434](#)) for improving the search capabilities and adding the context to the search results. At the moment I am working on (well, nearly finished) adding the request for stats histograms to the API. e.g.
 - i. <http://dspace.jorum.ac.uk/rest/items/10949/16838/stats?start=2013-01-01&end=2015-01-01&interval=month>
 - ii. <http://dspace.jorum.ac.uk/rest/items/10949/16838/stats/view?start=2013-01-01&end=2015-01-01&interval=month>
 - iii. <http://dspace.jorum.ac.uk/rest/items/10949/16838/stats/download?start=2013-01-01&end=2015-01-01&interval=day>
 - b. I still want to implement the same for any search results, so that API users can request things like usage data for their institution, or for their subset of items.
2. *From Anja Le Blanc:* Stats recording
 - a. I have not done anything about this point, but I would like to see an additional field in each stats record which indicates the component from which the view/download was generated. I would like to see how much traffic is coming in via the XMLUI/REST and possibly adding some stats for OAI harvesting requests.
3. *From Jeb Schiefer:* Embargo support on commandline
 - a. My name is Jeb Schiefer. I am an undergraduate at Virginia Tech. This semester I have been enhancing DSpace for the Virginia Tech library (<http://vtechworks.lib.vt.edu/>). I have been working with another student - Paul Sharma.
 - b. We were asked to add embargo support to the item import command line tool. We have forked the DSpace project at <https://github.com/jebbschiefer/DSpace> and are working out of the "cli-embargo-4_x" branch. You will notice that we are currently targeting the DSpace 4.0 because Virginia Tech will be updating to that version in the future. Some of the code we've written isn't done "the DSpace way" in order to accommodate some requirements of our semester project, however, we can refactor to code in order to be accepted in to DSpace 5.0 if that is a feature you agree should be added.
4. *If you have a feature Idea or code that you wish to add to the discussion, either add it to this list or email [Tim Donohue](#)*
 - a. Please provide a general overview of the use cases or needs which you are trying to meet
 - b. Please also provide any relevant links to JIRA ticket(s) or code or mailing list discussions, etc.
 - c. PLEASE NOTE: While we will attempt to discuss every item in this list, our meeting usually only lasts approximately one hour. If we are unable to discuss your topic, we will reschedule it for the following week.

Meeting Notes

Meeting Transcript

- Full IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2014-04-30>

Action Items

(Action items go here, if any)