Theme: Shanghai library FOLIO project

Time: August 2, 2022 07:00pm (EDT) / August 3, 2022 07:00am (GMT+8)

Attendees:
Vincent Bareau (Enterprise Architect, EBSCO)
Gang Zhou (Project manager, Shanghai library)
Sha Jiang (Technical Director, Jiatu)
Lucy Liu (Product Owner, Folio China)

Notes:

Could you share some information on the FOLIO Z39.50 server? I have read some documents in Github and am going to set it up in our env. (Sha Jiang)

Sha Jiang: We are sitting on this service just for testing. It's not an actual use case for library services. We have many apps using this server from other libraries. When we test other apps, we need this server for testing. Can we set up a server for testing purposes? Can this server in folio serve as a traditional server?
Vince: The question is if this will be the same server as other Z39.50 servers you have. This is the specific one for folio. You don't intend to replace the other Z39.50 servers. Right?
Sha Jiang: Correct.
Vince:
- The server in question will produce standard output. So it will have the same response as the other Z39.50 servers. And it supports two different protocols in base. That should be the same. The server is specific to Folio. So it knows how to retrieve information from folio.
- The version of Z39.50 server is very much dependent on the version of folio that it attempts to reach because it will consume specific apis on the folio side. So it needs to have the proper version of apis on folio.
- It probably won't work if you set up on an old version of folio, for example Goldenrod, because the modules that are required by the latest Z39.50 and even recent versions may not completely found or not be compatible with Goldenrod, particularly thinking about mod-search or mod-graphql.

Sha Jiang: We can use higher versions of these modules. I think it won't be very difficult to update these modules or implement the apis of these modules.
Vince: It might be. Some of those modules may not run on Goldenrod. Mod-search relies on ElasticSearch. I don't recall how much support Goldenrod has for ElasticSearch.
Sha Jiang: We will not run it on Goldenrod. We have a newer version of folio. We are sitting on a testing server. We can run a completely new folio instance. We can set up the most recent version of folio. We don't replace any one. We just set up an end folio for this server. It's not library services. I think that version is not a problem for this case. We're trying to set up Morning Glory.
Vince: Ok. There are very small changes to Z39.50 that work with Lotus compared with Morning Glory.

Sha Jiang: I will read the documents in GitHub and maybe provide an update in our next meeting.
Lucy: If you have any questions before our next meeting, please feel free to post them to the Slack chat. Vince will be happy to answer any questions. Also, feel free to share any updates on Slack.

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Lucy reached out to the community to get advice on the implementation of Z39.50 before the meeting. Below are the communications:

Lucy Liu 11:35 AM
Hi folio implementers, we will start to set up Z39.50 in Shanghai and would like to know your experience. Is there anything we need to pay attention to in this work?

Tod Olson 12:55 PM
We have two different "databases" with different configurations set up for Z39.50/SRU. Our main use case is the usual discovery that ILL and citation managers use. And some of our lookup services also use. But the application that our bindery uses needs some special formatting, so we could work with our hosting provider to configure the special mappings and string manipulation that the bindery application needs.
I was really very happy that Mike Taylor could push so much flexibility into the Z39.50/SRU configuration, it has really made some unusual configuration possible.

👤 **1 reply** Today at 1:49 PM

Tod Olson 12:57 PM
I guess that means look closely at your use cases and see whether they all can consume exactly the same data in the same way, or whether there is conflict between the use cases.

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Lucy Liu 1:52 PM
Will there be any limitations if we set up Z39.50 on an old version of FOLIO, for example, Goldenrod?

New

Tod Olson 2:11 PM
You would need to look at the dependencies for the precise modules version. It is possible that there were changes in Inventory that that Net-Z3950-FOLIO needs. I believe that it currently relies on `mod-graphql`, which I think has some specific knowledge of Inventory and might be sensitive the Inventory version. And if I understand correctly, with Morning Glory, the Z39.50/SRU module will need to use `mod-search` for all of its searching.
This is partly from memory and partly from reviewing ZF-26. And I could be mistaken about any of that.
I can say the current version is doing well for us in production on Lotus.

👤 **1 reply** Today at 3:45 PM

Lucy Liu 2:01 PM
Hi Mike, is there anything we need to pay attention to if we set up Z39.50 on Goldenrod? Okapi has been upgraded to the latest version. I think you might be an expert on this and want to get your advice.

Thank you in advance for helping answer the question!

Mike Taylor 🦕 4:40 PM
Nothing springs to mind. The module is pretty well documented. But feel free to let me know i you run into specific problems. (Of course, Goldenrod is pretty old now.)