

**Theme:** Shanghai library FOLIO project

**Time:** October 13, 2020 07:00pm (EST) / October 14, 2020 07:00am (GMT+8)

**Attendees:**

Vincent Bateau (Enterprise Architect, EBSCO)

Gang Zhou (Project manager, Shanghai library)

Sha Jiang (Technical Director, Jiayu)

Lucy Liu (Product Owner, Folio China)

**Notes:**

**1. System down followup**

**Vince** talked to the FSCT and Hongwei about this. They have seen this problem before, but everytime it relates to memory leaks. There are some known memory issues with the Q1 2020 release. We fixed some during Q2. Q3 will contain some more fixes for memory problems.

**Sha Jiang** learned from Hongwei that [MODFEE-93](#) in the Hotfix 3 release might have addressed this issue. Shanghai is upgrading and will provide feedback.

Reference resources:

- [https://wiki.folio.org/display/REL/Q2+2020+%28Goldenrod%29+Release+Note+s#Q22020\(Goldenrod\)ReleaseNotes-Hotfixrelease#3-GreenreleasedatOctober10](https://wiki.folio.org/display/REL/Q2+2020+%28Goldenrod%29+Release+Note+s#Q22020(Goldenrod)ReleaseNotes-Hotfixrelease#3-GreenreleasedatOctober10)
- <https://issues.folio.org/browse/MODFEE-93>

**2. How to remove the maximum amount allowed in settings, for example, maximum number of locations, service points, policies, etc?**

**Lucy** learned from Holly that the development teams consulted with POs in charge of each functional area when they set the limit. The limit might vary in different modules and function by function.

**Vince:** The problem here is that we are able to store more than 3000, but cannot retrieve more than 3000 to display on the screen. I also talked with Kate about this and asked if we have a list of the maximum numbers that we will support on different interfaces or different storage cases. But there is no centralized list for any of these things. I suggest that you submit a bug on this. This probably is not a defect, but a feature. It's a big change because we need to solve the navigation issue.

**Lucy's notes:**

- Cate suggested that we report this issue as a bug. Lucy created a ticket in Jira [STRIPES-704](#).
- Cate just started a statistics page where implementers can report how many of various objects they have. This will help with UX design and performance testing. The SHL statistics is used as an example in the survey.  
<https://wiki.folio.org/display/~cboerema/Implementer+Statistics+DRAFT>

**Sha Jiang:** Are there other implementers who have the same problem?

**Vince:** I think the biggest I've heard about was Duke University. They had 900 rules in their old circulation rules. They may have cleaned up some of that. But I don't know if they've dealt with the issue of how to represent all of that on the settings page. I don't know of any others. You are the most extreme case.

**Lucy:** Is it too much if we ask to make the limit configurable and let the implementers decide how many entries to display on each page? If only SHL has this problem, maybe this task won't be of high priority because the other implementers don't necessarily think it important or urgent.

**Vince:** I don't think it's too much. You just have to put it in Jira and let the community know SHL has this problem. Not sure about the ranking. But the other implementers need navigation as well even though they only have hundreds of items.

**Gang Zhou:** We hope to remove the limit or increase it to 5000-6000 rows. The ideal is to make it configurable.

### 3. ES plan

**Lucy:** Mikhail mentioned that the community had a plan to leverage code provided by Shanghai and to adjust it to cover all the needed business logic. Would you mind sharing with us some details in the plan?

**Vince:**

- Mikhail and I presented to the tech Council the Wiki page that you're familiar with. We described the implementation from Shanghai, which is a very good starting point for what we need to do.
- We're going to present to the TC tomorrow. I have a plan for how to incorporate elasticsearch into the Folio platform. The suggested approach is to build upon the work you've done and add additional pieces that the community will need, for example, multi-tenancy, etc. We will start with inventory, then extend to SRS, add APIs and build indexes. We will use ES for log aggregation and collect bugs from across the platform. We will add functionality to the

capabilities, things like facets, missing keywords, Didyoumean, etc, the typical things of more sophisticated search. At the third phase, we will consider implementing it for other modules like acquisition, circulation, users and more.

- We will get it passed by the tech Council tomorrow. Then it will be presented to the Product Council so that they agree that we prioritize this. Then we'll proceed to put a team together, probably start in early November. We hope to include this in the Iris release (Q1 2021).

**Lucy's note:**

- [TC meeting notes 2020-10-14](#)
- [The plan](#) with more details was shared on Google Drive

**Lucy:** Who will be in that team?

**Vince:** Mikhail will lead the team. He has a collaborator that he's worked with before and implementing ES for different ILS. We need at least another person who can help make the code production grade. Cornell, people from QA and PO from functional areas might help. We have some interest from community members who are pushing for elasticsearch. Maybe they can also provide some assistance.

**Lucy:** Any comments from Gang Zhou and Sha Jiang?

**Gang Zhou:** We hope Sha Jiang's code can be merged into the release of the ES solution.

**Vince:**

- We will build upon the work you've done. But we also need to add a lot of pieces.
- You may receive questions from Mikhail to get clarifications to your code.
- If the community has a more robust ES solution with the equivalent functionality you have, will you use the community one?

**Sha Jiang:** It depends. We also need to consider the cost.