**Theme**: Shanghai library FOLIO project

**Time**: September 14, 2021 07:00pm (EST) / September 15, 2021 07:00am (GMT+8)

**Attendees**:
Vincent Bareau (Enterprise Architect, EBSCO)
Gang Zhou (Project manager, Shanghai library)
Lucy Liu (Product Owner, Folio China)

**Notes:**

1. **Does/Will FOLIO support RDF databases, such as OpenLink, Virtuoso?**

   **Gang Zhou**: In addition to the circulation module, we decided to develop some other modules in the FOLIO architecture, such as human cultures. We want to use RDF in these applications. Now we use OpenLink and Virtuoso and want to know if FOLIO can support RDF databases.

   **Vince:** FOLIO currently doesn't support it. But in some cases it doesn't matter because if the module can support it, it should be good enough. Modules can interact with databases as needed.

   **Gang Zhou**: Does RMB support it, or do we need to rewrite RAML?

   **Vince**: RMB only supports Postgres right now. Furthermore, we don't really encourage the development of anything new with RMB. We encourage any development moving forward with Spring Way, the new framework. Spring Way does not explicitly support it, either. But Spring Way may support the use of additional components which might be able to support RDF databases.

2. **Updates from the community**

   **Vince**:

   - We are wrapping up everything so that we can move forward with the R3 2021 Bugfest and proceed with the next release.
   - A draft document has been created to establish standards for inclusion of external apps into the release. It's being tested with mod-ldp.

3. **Updates from Shanghai**

   **Gang Zhou**: We are test running the self-check machines in the circulation department with our vendors. If the machines can handle all the scenarios of patron services in the next 2-4 weeks, we plan to go live with more self-check machines. (Most of our circulation services are supported by self-check machines. Manual services are used in special cases, for example, card loss, etc.) If the trial run at the closed stack is successful, we will announce the go-live with open stacks.

4. **Minimal platform and extended apps**

**Gang Zhou**: What's the fundamental environment or minimal platform to build in FOLIO? There are so many apps in FOLIO and more will be added in the future. It's confusing to some vendors and small and medium libraries about what are the minimal apps they need to adopt?

**Vince**:

- We had and will have more conversations with the SysOps SIG about this in the TC meetings. We hope to come up with a platform plan that involves how to restructure/package the FOLIO distributions.
- We had a separate discussion on the technical side. We wanted to create a bare balanced platform which essentially has almost nothing but user apps and permissions apps, and to work out a mechanism that will allow easily adding apps as needed. This will solve several problems. It will
  - make the platform smaller;
  - make service providers to easily add/deploy/remove apps to the platform they set up.
- The problem we need to solve first is to reduce the dependencies between the different apps. The current minimal platform is too big. For example, the platform needs to include users and permissions, but it shouldn't include mod-inventory. The only reason that mod-inventory is included is because of its dependency with user creation. We have to remove the dependency so that mod-inventory is not necessary. There are other dependencies we need to remove as well.
- We don't know who is going to do it yet. We will first identify the problem, identify the design that is approved by the TC. It will probably be designed by the solution architects from the EPAM team. It will be discussed heavily by the Tech leads, probably. The capacity planning team needs to work out who will do it.