

Theme: Shanghai library FOLIO project

Time: Oct. 12, 2022 07:30pm (EDT) / Oct. 13, 2022 07:30am (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. **It takes a long time (20-30 minutes) to compile the StripesUI platform. Is this normal? Is there any way to shorten it? Our StripesUI platform now has more than ten modules, which will be added in the future. We are worried that the compilation time will be longer and longer. The version of StripesUI we are using is 7.1.7, which was released in June this year. (Sha Jiang)**

Vince: That is too slow. At EBSCO FSE we build StripesUI in between 6.5 and 8.5 minutes with approx. 50 modules.

Building is broken up into 3 steps:

1. yarn install (installs dependencies)
2. transpile code
3. create bundle.

For an 8 minute build the first step is less than 1 minute. This is achieved by maintaining a good cache, so that the dependencies don't need to be retrieved from external sources at build time.

You may need to identify which part is the slowest in your building before we can focus on details.

It's possible that you have a lot of delays from the first part. If you don't have caching, when you start your build, it will go to the internet and retrieve dependencies each time. So there are options when you run yarn install to build the cache that you can maintain. So you don't keep refreshing from the internet all the time. Especially when you are fetching from China into repositories that might be placed around the world, it might be slow.

Sha Jiang: Can the network condition be the problem?

Vince: Maybe. You need to analyze to decide which of the three steps is the slow one.

Sha Jiang: How about the hardware condition? How many CPUs and memory are needed?

Vince: We run it on the Jenkins server. I can find details if you want. But I don't think hardware matters that much. People who build the UI elements do it locally on their laptop.

Sha Jiang: We will diagnose and find the pain point.

2. Updates to the opening of Shanghai Library East (Gang Zhou)

The Library opened Sept. 28, 2022. So far nothing wrong has happened in the FOLIO circulation.

3. When will the LOC project start? (Gang Zhou)

Vince: It has started. We are still planning. As LOC required, EBSCO will help the Library go live within three years.

Gang Zhou: Will EBSCO or LOC announce progress periodically?

Vince: Some LOC staff joined Slack channels. Maybe they will send out announcements on Slack. And we need to make progress first before we can make announcements.

4. Was it formally decided to switch from Java 11 to Java 17 and migrate/upgrade to Springboot 3.0? (Lucy)

Vince: Yes. Some work has started. The changes should be done by the [Orchid release](#).