

**Subject:** Ongoing projects - status update as of 2024/03/06 / requests for clarification

**From:** "Michal Siemaszko" <mhs@into.software>

**Date:** 3/6/24, 03:52

**To:** Jürgen Albert <j.albert@data-in-motion.biz>, "Mark Hoffmann" <m.hoffmann@data-in-motion.biz>

Hi,

Status update as of 2024/06/06 is the following:

## Smart City

### Gecko EMF Persistence for OSGi

I started working on "Implement Multidimensional Arrays Support in DBObjectBuilder and EObjectBuilder #25" (<https://github.com/geckoprojects-org/org.gecko.emf.persistence/issues/25>), which you mentioned in <https://github.com/de-jena/ogc-features/pull/1#issuecomment-1973787966>.

Two questions I have pertaining to this are:

- Should this be billed under "SmartCity 01" in Toggle ?
- Please confirm regarding starting branch to be used -- new branch (`issue25-multidimensional-arrays-support`) was created off `snapshot` branch ( <https://github.com/geckoprojects-org/org.gecko.emf.persistence/tree/snapshot> ) as that is where I found most recent commits;

### OGC Features

In PR <https://github.com/de-jena/ogc-features/pull/1> I shared a week ago, I mentioned two (2) issues ("Problems / Issues" section of <https://github.com/de-jena/ogc-features/pull/1#issue-2157939344>) and asked five (5) questions ("Questions / Next steps" section of <https://github.com/de-jena/ogc-features/pull/1#issue-2157939344>).

All (2) issues were addressed, however not all questions were, therefore I'd like to ask for clarification:

1. **Should "GeoJSON" model be linked with and "contained" by "OGC API Features" model ?**

You have not replied to this question it seems. Please clarify.

**2. Can query consist of columns for both container and contained ?**

You have not replied to this question it seems; perhaps <https://github.com/de-jena/ogc-features/pull/1#issuecomment-1978346883> refers to this, but it quotes a different question, plus it is not clear what you mean. Please clarify.

**3. Does Gecko EMF Push Stream Provider (EPushStreamProvider) support creating push streams for contained collections ?**

You replied via <https://github.com/de-jena/ogc-features/pull/1#issuecomment-1978389100>. Yes, your assumption here is correct, i.e. I need to use EMF Push Stream Provider to index `Feature` Eobjects which are contained by `FeatureCollection`. I already tried the "flatMap" approach and got compilation errors, hence my question; I will try again, perhaps I overlooked something.

**4. Which sub-sets of "Common Query Language" (CQL2) should be implemented ?**

You have not replied to this question it seems; we also discussed this during our call on 2024/02/21, when you mentioned you will ask Stefan. Please clarify.

**5. Should SOAP API, in addition to already implemented REST API, be implemented now or after "Part 3: CQL" is ready ?**

You replied "No", however, this is a two-part question -- i.e. "now" OR "after CQL is ready". Please clarify.

Also: what does comment <https://github.com/de-jena/ogc-features/pull/1#issuecomment-1978346883> refer to ?

## AVATAR

Mark, reporting issues, along with working solutions, along with asking questions, is part of work I do.

Please clarify regarding the following:

1.

- I found one open issue in <https://github.com/DataInMotion/avatar-libraries> repository ("Open HL7 Features for spec compliancy #9" <https://github.com/DataInMotion/avatar-libraries/issues/9>), which implies items outlined there should be implemented;
- However, Mark's comment (<https://github.com/DataInMotion/avatar-libraries/issues/17#issuecomment-1961454208>) in reply to my question "*Considering all these issues and time needed to fix those, should a fully compliant backend using "HAPI FHIR – Java API for HL7 FHIR Clients and Servers" (<https://github.com/hapifhir/hapi-fhir>) be set up then? Perhaps it could be run in a docker container, like the consent management solution suggested (<https://www.ths-greifswald.de/en/researchers-general-public/gics/>) and the two integrated; The trade-off would be using different tech stack – i.e. what "HAPI FHIR" is using*" **appears contradictory** to having <https://github.com/DataInMotion/avatar-libraries/issues/9> still open;
- i.e. in <https://github.com/DataInMotion/avatar-libraries/issues/17#issuecomment-1961454208> Mark wrote: (...) Navimatix/Fraunhofer AST will create a initial fhir server setup from <https://github.com/hapifhir/hapi-fhir>. So not our task anymore (...);
- Does that mean entire "Avatar Libraries" project ( <https://github.com/DataInMotion/avatar-libraries> ) should is not to be worked on anymore ?
- I would have started with <https://github.com/hapifhir/hapi-fhir> was it not for the technology stack imposed for this project by Mark in <https://github.com/DataInMotion/avatar-libraries/issues/1>

2. What about the other AVATAR project ("HIMSA") we discussed during our meeting in Jena ? Was <https://github.com/DataInMotion/avatar-dataspaces> created for this purpose ?
3. What about connecting those to consent management system via "gICS" project (<https://www.ths-greifswald.de/en/researchers-general-public/gics/>) ?
4. Please clarify your statement "*You are lost in discussions about if you are right and if you did something wrong*", as it appears you have not read technical documentation I provided as part of PR containing working solution, made multiple contradictory / illogical statements regarding root cause of **issues which I reported as is required of my work**, and insisted on such, instead of calming down, re-reading what was provided in writing and as part of that PR, which, again, was a working solution, and clarifying / supplementing information I asked, as, again is part of work I do.

Regards

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