

Exercises*

Track: **Developers**
Tutorial: **HAPI FHIR for Beginners**
Speaker: James Agnew

The speaker will be in the hands-on area to answer your questions!

Note that all sample code for the tutorial is available in the following Git repository:

<https://github.com/furore-fhir/fhirstarters>

Exercise: Play with the FHIR Data Model and Client

The following sample project contains a number of samples to get you started in playing with the FHIR data model:

<https://github.com/furore-fhir/fhirstarters>

Try some of the following things with the model and parser:

- Construct a Patient who is a male with the birthday of January 26, 1978 and encode this patient as both XML and JSON
- Parse the same patient String back into a Java Patient model object

Next, try playing with the client:

- Create a “generic” client with a base URL of: <http://fhirtest.uhn.ca/baseDstu3>
- Search for all patients named “smith” and print/log the results
- Create a patient object and upload it to the server, then print the ID assigned by the server
- Read back the same Patient from the server using its ID

Have fun, and remember to ask for help if you get stuck !

*This exercise will not be evaluated and no prizes are attached to any result. The exercise can only be used at HL7 FHIR DevDays 2017.