Use your profiles

This exercise aims to allow you to familiarize yourself with validating a resource instance against your profile.

In this exercise, you will use FHIR Shorthand (FSH).

Exercises

1. Creating a resource instance
   - In FSH, with the Instance keyword, create an example resource instance for each of the profiles that you have created – you may look at an example from the core FHIR specification and convert it to FSH for inspiration.
   - Use the InstanceOf keyword to have the canonical url of your profile added to the metadata of the instance.
   - Repeat this for every resource type profile you have created
   - Convert the FSH file to a FHIR resource with the Simplifier.net playground, FSHSchool.org or the sushi tool

2. Validating the resource instance with Simplifier.net
   - Go to Simplifier.net, login, and go to your portal.
   - Choose your project, and choose "Upload" → "Upload file" to upload your resource instance
   - Browse to the uploaded resource to view it, and click on "Validate".
   - Fix any errors in the FSH file, and repeat the steps to validate again. Or – if all was okay – introduce some errors and see if the validator catches them.

   Note: When you convert your FSH files with sushi or in the Simplifier playground, the examples will already be validated against the profiles, and you should see the error messages.