



Exercise

Let's build! My first profile

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During the hands-on session of the FHIR Profiling Overview and Profiling in practice tutorials, you will learn how to build, publish and validate profiles. Create your very first FHIR profile based on some exercises of the Profiling Academy (<https://simplifier.net/ui/ig/ProfilingAcademy>). Play around with fixed values, cardinality, choice elements, value set bindings, slices and extensions. For those interested we can expand more on the creation of examples, value sets or other specific profiling questions.

After completing this tutorial, you will be able to:

- Create profiles and extensions in Forge
- Add slices and extensions in your profile
- Publish and validate your profiles in Simplifier

Requirements

The following preparations are necessary before starting this exercise:

1. Sign up for a Simplifier account: <https://simplifier.net/signup>
2. Download Forge R4: <https://simplifier.net/forge/download>
3. Create a Simplifier project: <http://docs.simplifier.net/simplifier/simplifierProjects.html>

Exercise

Complete the following steps for this exercise:

1. Complete the following exercises of the Profiling Academy
 - a. Start Profiling - <https://simplifier.net/ui/ig/ProfilingAcademy/Startprofiling#Exercise2>
 - b. Extensions - <https://simplifier.net/ui/ig/ProfilingAcademy/Extensions#Exercise53>
 - c. Slicing - <https://simplifier.net/ui/ig/ProfilingAcademy/Slicing#Exercise44>
2. Publish your work in your Simplifier project
3. Download the example resources from Simplifier and upload them to your own project: <https://simplifier.net/devdaysredmond2019letsbuildmyfirstprofile>
4. Validate the examples against your own profiles

The tutorial and code for this exercise can be found at:

- <https://simplifier.net/devdaysredmond2019letsbuildmyfirstprofile>

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