Other Conformance resources

This exercise aims to allow you to familiarize yourself with creating other conformance resources that can be used in your project.

In this exercise, you will use an editor – FSH does not support SearchParameter creation.

The Alpha Hospital needs support for searching for Patients' birthplaces. This data is in an extension, so a SearchParameter resource needs to be created to define the search.

Exercises

1. Create a SearchParameter manually, by changing the details of an example SearchParameter resource:
    -   With your editor, open the *example-searchparameter* resource from the materials (you can choose between the XML and JSON format).
    -   Choose a canonical URL for your SearchParameter and set a name – usually reflecting the last part of the URL.
        If you want, you can set the publisher details to reflect who maintains the resource.
        A description is mandatory to fill in as well.
    -   The code for the SearchParameter is what will be used when performing the search. For standard FHIR search parameters the code is all lowercase, with a '-' between words to separate them. Choose one for your parameter.
    -   Set the base field to list the Patient resource type.
    -   The type depends on the type of value you want to search on:
        Use token for coded types, string for string types, etc.
        See http://www.hl7.org/fhir/search.html for more types.
    -   To search on an extension, you need to change the value of the expression to:

        ```
        <resourcetype.path>.extension('<canonical url>').value
        ```

    -   The .path part is only used when the extension is for a field in a resource, and not the top level. Change the '<>' parts to match your needs, but keep the single quotes around the canonical url.
    -   Save the SearchParameter resource to your folder.