**FPB Profile Editor Demonstration-Video Transcript**

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2019-08-18

* This is a brief demo of the web-based template editor, proposed for the FHIM Profile Builder.
* This is a very simple web-application that allows users to create templates based on FHIM class content and then generate FHIR profiles from those templates.
* The first screen shows you the login screen.
* Right now, the only authorization provider supported is Google.
* So, we login with our Google credentials.
* Next, the search screen allows us to search through the FHIM model for certain classes by name, by organization ID, and by other criteria.
* In this case we're going to look for a class called immunization report.
* If we provide a sub-string, we're going to get more matches.
* The more precise the search string the more-narrow the scope of searches.
* Here we're going to see, in the response bundle, any structures that match this name.
* So, the structure may be a class as in this case immunization report is a class but there may also be a set of existing templates.
* This approach would ensure that users don’t create duplicate templates by accident, so, they would be able to see the class and the entire family of templates, based on that class.
* If they choose to edit an existing class or an existing template, they can select the template.
* But, if they wish to create a new template from the immunization report, they will select the class itself and they will see all the data elements available in this class, ten entries at a time, and by default the data element is going to show supported unless the use case is a mix of mandatory, in which case, we make sure that this information is present in the underlying profile, or perhaps not supported.
* So, encounter in this case, is not supported in the immunization report.
* We then add meta data elements related to the usage of this template.
* For example, they are going to say a “Big-org” and an implementation guide “Big-IG” and a template name that maybe “my immunization”, and a business-specific business-relevant version of this template. In this case it might be version 1.0 since this is the first time we have created the template.
* Notice that the generate FHIR profile button is not enabled, until we save the template and make sure it's been stored in the FHIM repository.
* So, now, we can go in and we can invoke the generator, and when we generate a FHIR profile we will get access to a structure definition resource, consisting of the FHIR representation of all the data elements in our template
* And, we can examination it and we can store it locally or we can, in the future, register it to an official national registry of profiles, as necessary.
* So, once we cancel out of this, we can now go back and make changes to existing templates, we can add new templates based on other classes, and when we're done with all the work, we just logout.