UTG Release Process Design and Implementation

This page will be the working documentation page for the UTG release generation process.

1. Architecture
   a. Source of Truth for maintenance is in the UTG HL7 Git repository - all xml files of code systems and value sets
   b. Release control will be specified by a set of List resources in the Git /Releases folder
      i. These List resources for the control manifests are called the ‘control manifests’. There is one for each type of release (enumerated below). Extra ones are created if some kind of special release is requested/needed by HL7. For the standard releases (overall, current, and product family specific) the artifacts (CodeSystem and ValueSet resources) do not have any versions specified.
   1. V3 Release Control
      a. List.entry for each code system and value set in the V3 release.
      b. Extension must be defined for the boilerplate text for the releases (so it does not have to be entered each time one is generated)
      c. Extension must be defined for the web folder location on the HL7 Release server for the release to be generated into
      d. (future) Extension must be defined for the email announcement for a new V3 release
      e. (future) XSLT to update the main UTG page at http://terminology.hl7.org for the new release
   2. V2 Release Control
      a. List.entry for each code system and value set in the V2 release.
      b. Extension must be defined for the boilerplate text for the releases (so it does not have to be entered each time one is generated)
      c. Extension must be defined for the web folder location on the HL7 Release server for the release to be generated into
      d. (future) Extension must be defined for the file location for the FrontMatter for the Chapter 2C generation when it is implemented
      e. (future) XSLT to update the main UTG page at http://terminology.hl7.org for the new release
   3. FHIR Release Control
      a. (TBD) Must determined with FMG how to do the FHIR releases so they can be accessed through UTG and pulled into the FHIR build as needed
   4. Full Release Control
      i. List.entry for each code system and value set in the Full HL7 terminology release.
      ii. Extension must be defined for the boilerplate text for the releases (so it does not have to be entered each time one is generated)
      iii. Extension must be defined for the web folder location on the HL7 Release server for the release to be generated into
      iv. (future) Extension must be defined for the email announcement for a new Full release of all HL7 Terminology
      v. (future) XSLT to update the main UTG page at http://terminology.hl7.org for the new release
   5. Current Release Control
      i. List.entry for each code system and value set in the V3 release.
      ii. Extension must be defined for the boilerplate text for the releases (so it does not have to be entered each time one is generated)
      iii. Extension must be defined for the web folder location on the HL7 Release server for the release to be generated into
      iv. (future) Extension must be defined for the email announcement for a new Current release of all HL7 Terminology
      v. (future) XSLT to update the main UTG page at http://terminology.hl7.org for the new release
   c. Operation
      i. Terminology Curator will create a new Release
         1. New Full release on demand or by scheduled - discuss with SGB
         2. New Current release after a set of approved proposals has been implemented
         3. New V2 release when the V2 MG schedules it for a new ballot or V2 publication - discuss with V2MG
         4. New V3 release when a new V3 ballot is to be generated - coordinate with Lynn
         5. New FHIR release - determine by discussion with FMG
      ii. Workflow will be implemented in the SoT Maintenance JIRA Project

2. Design
3. Implementation