

UTG Project Tasks

This page includes all open UTG tasks as of 10/06/20 categorized by milestones.

Tasks to be addressed prior to large-scale rollout:

Task Name	Task Category	Resource	Status	Comment (if applicable)
Add Naming System for every Code System	Content	Reuben	IN PROGRESS	
Straighten out interaction with V2 Content	Content	V2 group		
Correcting of remains erroneous v3 coremif-imported NUCC bad codes (those ending in 'N')	Content	Rob McClure /Ted	IN PROGRESS	Need to create retired tab and moving of the NUCC retired value set to it. Ted is moving to a retired Value Set tab, but requires extension from Grahame.
Get the new codes for Designation Use value set into FHIR properly	Content	Grahame, Rob H	IN PROGRESS	Some are already in approved tracker tickets but have never been implemented. FHIR content (code systems) include the code 'display' - addressing the missing 3 values will remove nearly 1700 warnings/errors from UTG build. This will likely be addressed in FHIR 4B. Will continue to follow up on it but not required for Go-Live
Update uris from Canada	Content	Ted, Dave T	WON'T DO	This is being handled through HTA and Andrea
Expansion Versions Date for V2 Value Sets Incorrect (Should be UTG Version)	Content	Grahame	DONE	
Add Copyright Statement for All External Code Systems with Content	Content	Reuben	IN PROGRESS	SNODENT and HealthcareProviderTaxonomyHIPAA have content. HPC, Iso_3166_2, MediaType, PHManufacturersOfVaccinesMVXCDCNIP, PHRaceAndEthnicityCDC (dup), and PHVaccinesAdministeredCVXCDCNIP display a subset of content (unsure if action needed for those). Note from Reuben: all code system resources in UTG for external code systems should have a copyright data element regardless of whether it is a stub or has actual content. So, to that end, I'm going to mapping all the fields from the HTA external code systems information pages to the FHIR CodeSystem resource so that we can start moving that content into UTG. Copyright is definitely one of those elements. To discuss on UTG call 10/13
Update R2.0 CDA Domains (Add them as Synonyms)	Content	Ted	DONE	
Fix URL for NamingSystem.title extension where still not fixed	Content	Ted/Reuben	DONE	
Fix FHIR R5 versions being imported to UTG	Content	Ted, Grahame	DONE	We absolutely need a solution for the versioning issue with the imported FHIR code systems rooted at terminology.hl7.org -they were all 4.2.0 when imported, the R5 preview set then to 4.4.0 whether or not they changed, and we have an adopted and approved Vocabulary WG policy on CS versioning which this also violates. We need to solve this and apply the solution for the 2.0.0 release
Fix coremif generator	Content	Lloyd	DONE	1.0.0 mif is identical to 1.0.18 mif
Add deprecation information in Provenance resources for value sets and code systems for coremif gen support	Content	Ted, Dave	IN PROGRESS	
Fix Table 0910 Issue	Content	Ted, Reuben		Discuss with Reuben, related to DICOM
Deprecated field using codes instead of dateTime	Content	Ted	NEEDS RESEARCH	For v2 and some of this is breaking v3 generator
Add Support for Printname and Description in Multiple Languages (CodeSystem.concept.designation.*)	Content	Grahame, Lloyd	DONE	Done as far as the tooling and rendering. There may be more translations added later.
Import of Foreign Language Translation Files (Base or Supplement?)	Content	Dave T	DONE	Done as far as the tooling and rendering. There may be more translations added later.
Add HL7VersionIntroduced	Content	Grahame	DONE	
Add Extension for Historical Ids	Content	Graham	WON'T DO	Will be done in Naming System

Add Support for Printname and Description in Multiple Languages (CodeSystem.concept.designation. *)	Content	Grahame, Lloyd	DONE	Done as far as the tooling and rendering. There may be more translations added later.
Import of Foreign Language Translation Files (Base or Supplement?)	Content	Dave T	DONE	Done as far as the tooling and rendering. There may be more translations added later.
Finding some way to suppress the classes of warnings so the build is more tractable for finding 'real' errors.	IG Publisher	Grahame	DONE	
Ensure Objects are Listed Alphabetically	IG Publisher	Ted	DONE	V3 Code Systems needs fixing
Fix Link for 'Propose a change'	IG Template	Ted		Right now this goes right to Jira and people are entering many tickets without understanding the process. Should be linked to the Terminology at HL7 page. Steps to propose a change as a subpage of vocabulary maintenance at hl7 streamlined and links for further info, then link to jira project if this is the first time you are proposing, go to... Ted needs to ask Lloyd where this setting is. Need to wait until Melva is done with the page to link to.
Get process for merging approved ticket changes into the UTG Git Master more repeatable and less fragile so we can go to industrial production	Workflow	Ted, Josh	DONE	
Mailing list setup for UTG participants to sign up to be a reviewer/voter.	Workflow	Ted, Josh	DONE	The plan is for this to be a simple send to an email address which will be rerouted to Joshua Procius and Ted Klein to add the person's permissions settings to the UP JIRA project. The other half is a system for WG cochairs to request SGB to add a named person as an oversight group voter to one of the identified Groups for the change request types. Can use same mail system so it can be vetted and then forward to SGB.
Implement HTA Interaction	Workflow	Ted, Josh, Julie, Reuben	IN PROGRESS	Include the change handling for the external content changes requests and Coordination required with each organization that we have an agreement with. Discuss with HTA
Modification of utg.xml file in branch for version ID	Workflow	Josh, Ted	DONE	Manual first (must document process steps), automate later. Just need to document the steps.
Modification of utg.xml file for CI Build version updates	Workflow	Josh, Ted	DONE	Manual first (must document process steps), automate later. Just need to document the steps.
Document Manual Workflow for Publishing a Release	Workflow	Ted, Josh, Grahame	80%	
Add Ability to Report a Tooling or Content Issue	Workflow	Josh, Ted	DONE	Need to have a way to report tooling issues. Maybe something in the Confluence Page (email or chat log)
Obtain Approval and Counts for Final Voting Weights (from SGB)	Workflow	Ted	DONE	Did not receive communications about it so it is considered done and can be configured later.
Configure Final Voting Weights and Requirements	Workflow	Josh	DONE	
Add StatecoX for User to Verify that they have checked all referenced Code Systems	Workflow	Josh	DONE	
Bug with Value Set's Displaying 'All Codes From' When Not True	IG Publisher	Grahame	DONE	
Update Verbiage on Rendered Pages	IG Template	Ted	DONE	Initial verbiage in, will be continuously updated
Add links to UTG pages on IG	IG Template	Jess	DONE	Added links to UTG pages on Confluence as well as educational materials
Document how to check Status of Branch	Documentation	Ted, Josh	DONE	Sourcetree should notify if master has been updated so you can look, and decide to pull or disregard
Document how UTG will use Naming Systems	Documentation	Ted	DONE	
Document all Vocabularies that are Out of Scope (structural, ballot-bound)	Documentation	Ted	IN PROGRESS	Convenience copies out of scope for maintenance AND Ballot-bound content
Document Updating Value Sets if affected by Code System update	Documentation	Jess	DONE	See https://confluence.hl7.org/pages/viewpage.action?pagelD=90900816#SpecifyingtheDetailsInsidetheProposal-DeterminingifValueSetChangesareNeeded
Discuss Education with Sadhana and Education Committee	Education	Ted	DONE	There are 4 categories of target audiences: community at large (overall description), HL7 membership and vocab users (access and download), reviewers (getting login w/ permissions, understanding voting, viewing content, etc.), proposal writers (tooling)

Create Intro Video for General Public	Education	Jess	DONE	
Create Introduction to HL7 Terminology and UTG for HL7 Community	Education	Jess	DONE	
Create Training Video for Submitting Proposals	Education	Jess	IN PROGRESS	
Create Training Video for Reviewing Proposals	Education	Jess	DONE	
Run through harmonization process with UTG tooling	Pilot Prep	Ted, Jess	DONE	
Unify Observation Interpretation	Pilot Prep	Rob Hausam		

Tasks to be addressed following large-scale rollout (these are post rollout priorities):

Task Name	Task Category	Resource	Status	Comment (if applicable)
Should Table Content Point to Particular Version of CS?	Policy	Ted, Vocab, V2		Yes, agreed between Ted and Carol. Ted to add property for this for v2tables.xml, and to write up the instructions for the value to be placed in there for Dave. Update: No, on discussion with Lloyd. Needs review with Carol. It may need to be done for the ballot-bound V2 code systems.
Determine if Expansions Should State 'Active Codes From' Instead of 'All'	Content	Grahame		
Some V2 Concept Statuses are Listed as both 'A' and 'Deprecated'	Content	Ted		Need a list of which ones. These are wrong in the source.
Locate and Document Code and Processes to Create Cached Local Images for External Standards	Content	Ted		Needs discussion with Ted, Lloyd, Grahame
Create Manifest for Ballot-Bound Content	Content	Ted		Ted must create the manifests for the ballot-bound content in all the product lines. This is to properly handle the erroneous submissions (see task ballot bound content below). Need to review with Paul and Austin.
Unify use of 'status'	Content	Ted, Grahame		Product families are using different status values. Need to determine how to address this.
Unify use of 'publisher'	Content	Ted		Publisher field varies across product families
Talk to V2 publishing group to see when v2-published list should be updated	Content	Ted		
Represent Authoritative Source	Content	Ted		
Check some erroneous V3 value sets	Content	Ted		There are some value sets that seem erroneous from V3. A few examples are Flush, Dissolve, Douche, and PatchDrugForm. Many include a code and then exclude the same code.
Workflow Handling of Ballot-Bound Content	Workflow	Josh, Ted		<ol style="list-style-type: none"> When in a proposal, reject on submit validation and notify submitter that this content is not maintained through the UTG Process. When a new spec version normative is released (any product family) the de-facto new terminology object in that new version that are ballot bound get imported in the SoT workflow. Operations to do this must be defined psst UTG initial release (Ted)
Add validation check at issue submission to ensure branch has been committed	Workflow	Josh, Ted		
Reload Page Upon Vote	Workflow	Josh		
Validate Proforma ballot ticket	Workflow	Josh, Ted		
Bypass Consensus Review and go Directly to Approved	Workflow	Josh, Ted		
Sourcetree keeps asking for credential helper	Workflow	?		Need to look into settings to see how to avoid this for Mac users
Add Scripts to Enable Changes to Resource History	Workflow	Ted		Manual unix scripts for now, will automate in Jira later
Checkbox Bypass for Republishing New External Content (Before New HTA Workflow Link is Ready)	Workflow	Carol, Julie		Need to re-discuss with HTA

FHIR Pages Update Integration (FHIR publishing)	Publishing	Ted		Discuss with Grahame
Error installing FHIR R4 Toolkit	UTG Editor	Grahame		Known issue with FHIR R4 toolkit (to be addressed)
Issue Selecting 'Enumerated' Rule for Value Sets in UTG Editor	UTG Editor	Grahame		Clicking in the Radio button does nothing, but if you click on the word 'Enumerated' it let's you add codes. Once you add codes it moves it to the 'Selected' radio button even though it is still enumerated. The available area for the Enumerated section needs to be a little taller as you can't tell you have the option to add codes.
Fix Help > About	Vocab Server	Grahame		
Server will not start without CDA folder present	Vocab Server	Grahame		
Describe History Tracking in Background Page	IG Template	Ted		
Create tabs for Naming Systems (Identifier Systems, Code System Identifier Registry Items)	IG Template	Ted		Per Lloyd
Template Change for Multiple CLD	IG Template	Lloyd		Ted needs to determine what is going on
Need Better Definitions for Properties, including type of property	Documentation	Jess, Ted		Not showing the element type. Need to talk to Lloyd and Grahame as this is really a FHIR issue.
Pull out Extensions and Document	Documentation	Ted		
Document Use of Control Manifests for Releases	Documentation	Ted		
Add Documentation for Developers using UTG	Documentation	Jess, Ted		So that Git users can use cmd and not deal with Sourcetree

Tasks to be addressed in 2021 update:

Task Name	Task Category	Resource	Status	Comment (if applicable)
Discuss How to Address FHIR Value Sets in Trial State	Content	Ted, Grahame, Lloyd		
Import Inferred V2 History	Content			
Document Date URIs were Taken From / Effective Since	Content	Ted, Dave T		Requires new element in Naming System
Determine How to Access SOLOR Content with SOLOR API	Content	Ted, Keith		
Automate Update of Manifests for Newly Added CS and VS	Content	Grahame		
Improve Narratives and Descriptions in the Manifests (List Resources)	Content	Ted		
Render the Lists (A List Resource Display Tool)	Content	Ted		
Publisher Values need Unification	Content	HL7 Community		
Copyright statements differ for each product family	Content	HL7 Product Line Management Groups		
Include Capitalization of Steward Name	Content	Ted		
Content Unification to Address Standard Naming Conventions Across Product Families	Content	HL7 Community		

Address Objects With Non-Unique Symbolic Name Across V2 Content	Content	HL7 Community		
Many V2 Code System Descriptions Refer to XAD Segments (Should be Data Type)	Content	HL7 Community		
FHIR I to Review List of Schema Bound Code Systems and Determine if any need to be moved to UTG	Content	FHIR I		
Enable Updates back to Lantana	Content	Ted, Rick, Sean		
Compile List of VSAC Issues	Content	Ted, Rob M		
Handle Updates of External Content	Content	Josh, Ted		Coordination required with each organization that we have an agreement with
Fix Missing Line Breaks in V2 Code Definitions	Content	Ted, Dave Trig		Ted to discuss with Lloyd and V2 best way to handle line breaks in IG. HTML markup doesn't support embedded carriage returns. update: speak with Grahame about possible issues with the processing of markdown for the definition test blocks.
Additional Characters Being Added to Concept Domain Definition	Content	Dave Trig		Concept domain definitions are stored in markdown language, and underscore is a special character in markdown, indicating italics. This is why the underscores are escaped with a backslash character. Without the backslash, your example, "Employee_Employer_statusCode" would render in markdown as "EmployeeEmployerstatusCode", which we do not want. If you still want definitions in markdown language, then the backslashes are necessary. Ted to talk to Lloyd to see if anything can be done. Bulletin: Ted to follow up by asking Eric Haas.
Table 0340 Should Not Be Listed as Concept Domain Only	Content	Ted		This is a much larger issue than at first appeared. The codes historically published are only guidance notes, and never intended to be used in messaging instances in v2. They have been deprecated some time ago, and there is no current active HL7 content for this table. It does need to be a concept domain only, but work has to be done to fix it properly. UTG description tuned up to better describe the situation
Needs to be easier to find V2 Tables	Content	Ted		In addition to having this on our Background pages, a paragraph describing it will be put on the main tab text under CodeSystems->V2
Improve Automation of steps for Submitters to establish BitBucket /SourceTree	Workflow	Development Resource		
Link to Documentation based on state of Proposal	Workflow	Josh, Ted		
Allow User to Re-Cast Vote	Workflow	Josh		
Add validation check at issue creation that searches for possible duplicates	Workflow	Josh, Ted		
Automation of Ballot-Bound Content Handling	Workflow	Josh, Ted		
Consider Removing 'Create Issue' from Bottom of JIRA Open Issues Page	Workflow	Josh, Ted		
Refine Sponsors to Include Dropdown of WGs or Allow Text Entry	Workflow	Josh, Ted		
Consider Allowing Search for Existing HL7 Artifact	Workflow	Josh, Ted		
Remove Comment Field Upon Clicking 'Draft A Proposal'	Workflow	Josh, Ted		

Automate Transition to Merge Branch from BitBucket into GitHub Trunk	Workflow	Josh, Ted		
Create Workflow for when New CS or VS is Proposed	Workflow	Josh, Ted		Involves new version number, utg.xml updates, control manifest edits, all committed with GitHub. Consensus review needs to add manifest entry so it renders. Needs to be documented. Currently manual, will automate in R2
Consider Renaming 'Change Objects' to 'Related HL7 Artifact (s)'	Workflow	Josh, Ted		
Status Code is Missing in Expansion	IG Publisher	Grahame		
Make Property URLs Clickable	IG Publisher	Grahame		
Allow Way to Differentiate Objects with same <name>	IG Publisher	Grahame		
Allow a Way to Search for Objects	IG Publisher	Grahame		
Allow Import of Multiple Stewards	IG Publisher	Grahame		
Add Time Stamp to Date on CI Build	IG Publisher	Grahame		
Add Ability to edit Lists (Manifests) in Editor	UTG Editor	Grahame		
Update UTG Editor to support added extensions	UTG Editor	Grahame		Need to see what extensions are missing. Create Zulip record.
V2 Publishing Database Interfacing (V2 publishing)	Publishing	Ted		
Create Diagram to show how Templates, Construction, and Recording of Process is in UTG	Documentation	Ted		
Add Release Documentation for Individual Changes in a Release	Documentation	Lloyd		

Tasks to be addressed post-Release 2:

Task Name	Task Category	Resource	Status	Comment (if applicable)
Support Supplements and Fragments	Content	Grahame		
Add Support for ConceptMap	Content/IG Publisher	Grahame		
Art Décor Publishing	Publishing	Ted, Alexander		
FHIR I to Review Internal FHIR Value Sets and Determine if any need to be moved to UTG (and create manifest)	Content	FHIR I		
Agreements for Republishing New External Content	Content	Carol, Julie		
Figure out Process for Creation of New IG	Workflow	Vocab, FHIR I		Response will use HTA template but go through Jira and back into UTG
Add JIRA Configuration for Watching IGs in Progress	Workflow	Ted, Josh		
Come Up A Better Way to Represent 'Draft A Proposal'	Workflow	Josh, Ted		Draft a Proposal is done after you enter most proposal information. Perhaps use "Define Change Detail".
Difficulty Navigating to object in Proposal	Workflow			The 'Published Example' link brings you to the Home page for a proposal branch. It can be difficult to figure out where to go to find the modified object. A branch is associated to a set of things you vote on together so they must be controlled together.

Automate Push to GitHub	Workflow	Development Resource		
Properly Render Extensions	IG Publisher	Grahame		
Address Difficulty Navigating Pages with Many Columns	IG Template	HL7 Community		Determine if some columns could be removed for ease of use
Improved Display of Multiple Hierarchy	UTG Editor	Grahame		

CLOSED MILESTONES AND RELATED TASKS:

Tasks to be addressed that were identified in the Pilot Test that will be addressed pre-Go Live (all other identified issues not required for Go Live were categorized into the appropriate release below):

Task Name	Task Category	Resource	Status	Comment (if applicable)
Add HL7Realm CS to unified	Content	Ted	DONE	
Unable to see diff in Sourcetree	Workflow		CANNOT REPRODUCE	Attempting to reproduce
Implemented Proposals still show as 'Unresolved'	Workflow	Josh	DONE	
Clicking 'Clone in Sourcetree' doesn't work until the user logs in to the Sourcetree app	Workflow	Jess	DONE	Need to document this for first time users
Voting issues with 'Other' Proposal Types	Workflow	Josh, Ted	DONE	Did not display voting requirements and groups. This was not an issue with 'Other' but rather linking tickets in Jira.
Not able to see Development section in Jira to create branch	Workflow	Josh	DONE	This is a permission thing that has to do with the first time a user is set up with a Jira login. They must choose to allow Jira to communicate with BitBucket. Instructions need to be noted in the documentation.
Define Process for External Proposals	Workflow	Josh, Ted	DONE	Might use check box that acts as a blocker
Fix 'ValueSet' tab on build pages	IG Publisher		DONE	ValueSet should be Value Set for consistency
May want to add documentation about making multiple changes in parallel	Documentation	Jess	WON'T DO	While multiple changes in parallel (multiple instances of UTG Editor and Vocab Server) are possible, we might want to encourage users to start with one instance at a time. Advanced users will likely go ahead and do this anyway if needed.
Need to Document Concepts	Documentation	Jess	DONE	Does not exist on build pages or Word doc
Need Documentation for Removing Code Systems and Value Sets	Documentation	Jess	DONE	This involves editing lists.
Need Documentation for Adding Code Systems and Value Sets	Documentation	Jess	DONE	This involves editing lists.
Slashes in branch name cause build to fail	Documentation	Jess	DONE	Document that no slashes should be used in the branch name. Characters that are valid in the URL are OK.
Clarify documentation for cloning a branch to select the proposal branch (not master)	Documentation	Jess	DONE	Probably make it step 20b (or part of 20a) rather than 21.
Need better explanation for adding 'cda' folder (this is a temporary work around)	Documentation	Jess	DONE	Reword to: IMPORTANT: There is a bug with the Vocabulary Server that requires creating an empty folder labeled "cda" in the downloaded UTG Source of Truth content. Add the empty folder to the 'sourceOfTruth' folder prior to starting the Vocabulary Server. The folder path location should be like: C:\Users\username\Documents\UP-65\input\sourceOfTruth\cda.
Final Layout of Intro Confluence for HL7 Terminology Maintenance	Documentation	Jess	DONE	Need instructions on how to be a submitter or reviewer
Provide guidance for naming cloned repository (i.e. UP-66)	Documentation	Jess	DONE	Need to update in documentation

Tasks to be addressed post-initial release of UTG Content and pre-Pilot test (Pilot test week of 5/11):

Task Name	Task Category	Resource	Status	Comment (if applicable)
Enlist Frank to do final test V2 Resources	Content	Frank	DONE	
Determine how OIDs will be generated	Content	Ted	DONE	see OID Generation
Rework Product Family Check Boxes	Workflow	Ted, Josh	DONE	V2 Vocabulary (Including Tables) Unified Vocabulary (Including Concept Domains) V3 Vocabulary Other (do we need to mention CDA here?) Remove CIMI
Rename UP Project	Workflow	Ted, Josh	DONE	Should be something like 'UTG Terminology Change Proposals'
Configure Notifications for UTG Proposals by Workflow State	Workflow	Josh	DONE	These filters, along with a link to opt-in (subscribe), are: Consensus Review: https://jira.hl7.org/issues/?filter=13111 Meeting Needed: https://jira.hl7.org/issues/?filter=13114 Rejected: https://jira.hl7.org/issues/?filter=13113 Sent for Implementation: https://jira.hl7.org/issues/?filter=13115 Withdrawn: https://jira.hl7.org/issues/?filter=13112
Ensure Version History Link Works	IG Publisher	Grahame	DONE	This is on the bottom banner of the rendered pages
Redirects Not Working	IG Publisher	Ted	DONE	
Create Structured Guidance for UTG Resources to Support v2, v3, CDA, and fhir	Documentation	Jess	DONE	Floyd may be able to help for V3 and Rob Hausam for FHIR. Done for Pilot.
Contact all Individuals who submitted an applicable Notice of Intent to Ballot (NIB)	Pilot Prep	Jess	DONE	
Discuss Craig's V2 HL7nnnn Proposal	Pilot Prep	Ted, Carol, Craig	DONE	
Create Jira logins for testers	Pilot Prep	Josh	DONE	Need to verify permissions
Create Jira logins for reviewers	Pilot Prep	Josh	DONE	OSG voters and Super voters have been configured per Working Group. Anyone with a Jira login can participate
Hold Training session for testers	Pilot Prep	Ted, Jess	DONE	Held on 5/26

Tasks to be addressed prior to the initial release of content (for release date of on or around May 1; most fixes need to be done manually):

Task Name	Task Category	Resource	Status	Comment (if applicable)
Update CDA Value Sets	Content	Ted	DONE	
Set Dates for Context Bindings with MnM	Policy	Ted, Grahame, Lloyd, Dave Trig	DONE	Ted and Lloyd concur that this has always been reset to the coremf release date, and there is little reason to put much extra effort into discovery of the real dates way in the past and try to apply them. Set all dates for these to January 1, 2020 as boilerplate in the next import.
Address Missing Code 'att' for Attachments	Content	Ted	DONE	Needs to be added manually post-last load. May still be an issue since we are referencing R4. Also need to discuss with Grahame.
No Expansions for Several Value Sets (Reference is Incorrect)	Content	Ted	DONE	Lookup when VS does not have a local CS. Hard to find until we remove the thousands of other errors so we can find these
Publisher Not Displaying OID in Resource of External Code Systems	Content	Ted	DONE	
Implement Release Versioning	Content	Ted, Grahame	DONE	Coordinate folders with DJ. Plan is set. Only remaining item is figure out the workflow to document changes going forward. Requires publisher v0.88 or later.
Create UTG logo and color scheme	IG Template	Ted	PUNT	The one that Grahame and Ted threw together is what we are going with since we cannot get any input or response from anyone else at HL7.
Provide Text for Disclaimer banner	IG Template	Ted	DONE	I think; all banners actually look ok right now (Ted)
Extend Capability of the FHIR Release Process to do UTG Release	IG Publisher	Grahame	DONE	

Fix Issue with Value Set Expansion using Is-A as Filter	IG Publisher	Grahame	DONE	Something is broken with the value set expansions on the UTG publisher build - many of them are not expanding a hierarchy with include.filter.op value="is-a". Details on one that illustrates the problem can be found in the Google Doc at https://docs.google.com/document/d/1hM3TubYKop1XWei7Is5j8O9LxfGUd-LU7gacGnXIX8k/edit?usp=sharing
Allow Expansion of Value Set Fragments	IG Publisher	Grahame	DONE	
Add Warning when Expansion is Based on Value Set Fragment	IG Publisher	Grahame	DONE	
Integration of Core MIF Generation to UTG Build	Publishing	Grahame, Lloyd, Ted	DONE	ready to go once a new coremif is generated, which cannot happen until the extensions cleanup - generator breaks now until this is done
Generate Updates on UTG Current Releases Page in Published Script	Publishing	Ted	DONE	
Generate the Initial Release	Publishing	Grahame, Ted	DONE	Planned for May 3-4
Create the Workflow for when Content Issue is Identified but No Proposal for Change	Workflow	Josh, Ted	DONE	Ted will review with Josh.

Tasks to be addressed prior to the last import of content. These must be completed IMMEDIATELY, prior to April 24 (pushed out three weeks as content issues are still being addressed):

Task Name	Task Category	Resource	Status	Comment (if applicable)
Add Usage Notes for V2 and V3 Content	Content	Dave Trig	DONE	
Fix URIs for a Handful of Extensions	Content	Lloyd, Ted	DONE	Most of the bad URI errors are in extensions to be removed; revisit once import addressing the documented extensions errors is done
Remove Extensions No Longer Being Used	Content	Dave Trig	DONE	Remove code-system-legalse and resource-history extensions
Remove V2 'generate' Properties	Content	Dave Trig	DONE	
Fix CLD Value Being Assigned 1 By Default	Content	Dave Trig	DONE	
Missing V2 Usage Notes, Comments, Comment as Pub	Content	Dave Trig	DONE	
Define All Extensions	Content	Lloyd	DONE	Extension Google Doc is Up-to-date (minus the new ones - need to update)
Fix Display value being populated instead of Code value where extra language designations exist	Content	Dave Trig	DONE	Example is v3-RoleCode
Fix incorrect system URI for hl7TermMaintInfra	Content	Dave Trig	DONE	Needs to be http://terminology.hl7.org/CodeSystem/hl7TermMaintInfra
Determine why Binding Strengths are not Rendered	IG Publisher	Dave Trig	DONE	Not publisher issue, importer issue
Errors thrown from Concept Domains about Extensions not being allowed	Content	Ted, Lloyd	DONE	
Valueset-hl7-assocConceptProp extension 'not allowed'	Content	Ted, Lloyd	DONE	
Import Values for Supported Properties	Content	Dave Trig	DONE	Need to import extension properties
Import Committee for FHIR Objects	Content	Ted, Lloyd	DONE	this is a Grahame issue; Ted needs to raise it with him. Was supposed to be fixed inn publisher v0.83, but still seems to be some problems.
Add extension for Naming System version and populate	Content	Lloyd	DONE	Versions were added post R4 but IGs reference R4. Extension was added but needs to be populated. Extension is http://terminology.hl7.org/StructureDefinition/ext-namingsystem-version
Many FHIR Links are not resolving	Content	Ted, GG	DONE	See consentAction. Need to verify with Grahame that they will go away when we do first release.
Internal build error for several resources	Content	Ted, GG	DONE	Ex: vs-v2-0725 which likely references v3. Might be after last import, need to investigate.
Fix FHIR Import issues	Content	Ted, Lloyd, Grahame	DONE	Might be issue when canonical URI and ID don't match. Policy says that they should match. Need to discuss with Grahame.
New Tasks for next import from 3/28-4/9:				Added by Ted as a result of weekend work with Lloyd
In conceptdomains.xml, duplicate binding strength property entries (see AcknowledgementDetailCode)	Content	Dave Trig	DONE	Was due to an invalid extension and a populated concept property as well.

Remove resource-concept-binding-strength extension	Content	Dave Trig	DONE	<p>There is an extension being generated in conceptdomains.xml which should have been removed; it was replaced with properties like these:</p> <pre><property> <extension url="http://hl7.org/fhir/StructureDefinition/resource-concept-binding-strength"> <valueCode value="CWE"/> </extension> <code value="contextBindingC1-valueSet"/> <valueString value="2.16.840.1.113883.1.11.19638"/> </property></pre> <p>have not been removed. They need to be as they were replaced with properties.</p>
For V2 tables with code system information mapped to FHIR CodeSystem resources, it is unclear where the Effective Date value is mapped to. For example, in 0001 (Administrative Sex) the Effective Date value is "01.11.2000" (1-Nov-2000). However, this date does not appear in the generated FHIR CodeSystem (http://terminology.hl7.org/CodeSystem/v2-0001). Instead, CodeSystem.date has a value of "2019-12-01T00:00:00+00:00".	Content	Dave Trig	NON ISSUE	It is the effective date of the table, not the Code System. Ted will discuss with Reuben why this isn't an issue.
For V2 tables with code system information mapped to FHIR CodeSystem resources, is HL7 Version Introduced (from Code System Version Information in Chapter 2C) deliberately not being mapped to the FHIR CodeSystem?	Content /Policy	David Trig, Ted	NON ISSUE	See above.
Populate extension for http://terminology.hl7.org/StructureDefinition/ext-mif-assocConceptProp	Content	Ted	DONE	<p>Turns out an additional extension is needed for value sets that we didn't think we needed (incorrect material there from original IMO work). URI for the associated concept properties is now http://terminology.hl7.org/StructureDefinition/ext-mif-assocConceptProp not the one in there from IMO at the FHIR location. Lloyd created the new extension over the weekend.</p> <p>Ted needs to talk to Lloyd.</p>
Need <title> in NamingSystem generated resources	Content	Dave Trig	DONE	this will get rid of many errors. It must be populated with the Code System name from the corenif or the v2 database. It is a new extension http://terminology.hl7.org/StructureDefinition/ext-namingsystem-title
Incorrect version-introduced values in V2 Tables	Content	Dave Trig, Ted, Brian	DONE	<p>In the V2Tables CodeSystem, the value for version-introduced (in CodeSystem.concept.property.value, where property.code="v2-version-introduced") all have a value of "2.9"</p> <p>Discuss with Brian Pech, might need property for tables-version for v2-tables.xml and should be set for 2.9 initially.</p> <p>Ted to add additional property for table introduced HL7 version. Dave to populate with the mob column for version introduced.</p> <p>Property for version the table was a introduced (column HL7tables.version_introduced in mdb) is:</p> <p>"v2-version-tbl-introduced"</p> <p>Note that a his integer must be used to look up the version id in table HL7Versions. The column with the integer is version_id, the column to be put in the string property is hl7_version.</p> <p>Property that we previously used for introduced now refers explicitly to v2 cs and vs.n. The value for this property should be set to "2.9"; the name of this property is now:</p> <p>"v2-version-csvs-introduced"</p> <p>This will be updated manually after the last import for those tables that are associated with V3, FHIR, or External code systems and/or value sets.</p>
Value of V2 CodeSystem.valueSet does not include a version (as is allowed for the canonical(ValueSet) data type	Policy	Ted	WILL NOT DO	<p>Need clarification from Reuben. Probably requires a content change.</p> <p>I updated the description to make the requirement more clear.</p> <p>For V2 tables with code system information mapped to FHIR CodeSystem resources, the CodeSystem.valueSet element is included for the implicit value set consisting of all the concepts in the CodeSystem. However, the value of CodeSystem.valueSet does not include a version (as is allowed for the canonical(ValueSet) data type e.g. "http://terminology.hl7.org/ValueSet/v2-0001 2.1.0") as opposed to "http://terminology.hl7.org/ValueSet/v2-0001" />. I would suggest this be included.</p> <p>Do only for those based on FHIR code systems. Do manually after last import</p> <p>Discussed with Lloyd and he believes this should NOT be done, especially in light of the Vocab WG polices that the v2.x published spec is a snapshot of the current tables but for all nonn-ballot-bond tables the latest versions should be used.</p>

Error in concept domains.xml	Content	Dave Trig	DONE	The canonical url and id must match. we currently generate: <pre><id value="conceptdomains"/> <url value="http://terminology.hl7.org/CodeSystem/ConceptDomain"/></pre> Needs to both be the same as current id: "conceptdomains"
Remove HCPCS and the four NUBC Code Systems from external	Content	Ted to remove manually	DONE	Per HTA decision on 4/1/20
Add the entry for table 396 to the v2 code system manifest	Content	Ted	DONE	
The deprecation information extension is still be generated. Needs to be removed.	Content	Dave Trig	DONE	The entry http://hl7.org/fhir/StructureDefinition/resource-deprecationinfo is still being generated in a bunch of the code systems and value sets. We agreed in the extensions document that this would be done later in Provenance. This needs to be removed from the import.
There are still Open Issue extensions in some of the resources, they have not all yet been removed. e.g. v3/codeSystems/v3-AcknowledgementType.xml. The extension http://hl7.org/fhir/StructureDefinition/resource-openIssue is unknown, and not allowed here	Content	Dave Trig	DONE	
Fix URI for <version> element in the NamingSystem resource generation - the extension has been created	Content	Dave Trig	DONE	the URI of the extension is <pre><url value="http://terminology.hl7.org/StructureDefinition/ext-namingsystem-version"/></pre>
In many of the v3 resources, the id of the object has a hyphen in l and <name> does not - e.g. <pre><name value="xLabProcessClassCodes"/> <id value="v3-xLabProcessClassCodes"/></pre> The <name> and <id> must match, and neither can have hyphens; these can only be in <title>	Content	Dave Trig	DONE	This was originally fixed for <name> but not for <id>. Needs fixing. <name> can have underscores, but no other punctuation. <id> can have periods and dashes. URL must end with the id <name> and <id> do not need to match <name> needs to be UpperCamelCase <title> is unrestricted and should hold what we extract from V2 mdb and V3 coremf for the names. <id> is typically lower-case, though that's not mandatory Dave did fix the <name> of some Value Sets so that they are upper camel case
The generated NamingSystem resources need to have added to them the url element	content	Dave Trig	DONE	add <pre><url value="http://terminology.hl7.org/NamingSystem/nnnn"/></pre> where "nnnn" is the same value as used in the <id> (previously was specified to use <name> but that's incorrect)
Import Deprecated status and dates	Content	Reuben	DONE	