

Early Visibility - Planned changes to upcoming SNOMED International Release packages

Overview of Current Notices

For additional Relevant links with regards to [Content Development Information](#) please click here [Content Development Information](#)

| Proposed improvement | Planned Release date (*this is provisional only and is subject to change) |
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| 1 LOINC timeline changes - please refer to Roadmap link here LOINC | July 2018 and potentially other future releases. |
| <p>2 <u>Revision of IS A relationships for anatomy concepts</u></p> <p>The new anatomy concept model has implemented the new Description Logic features, e.g. reflective and transitive property, general concept axioms, for consistent logical modeling. However, the new model cannot be implemented in production because these DL features currently are not available in production. The implementation of them will depend on the enhanced logic profile for SNOMED CT which is under development by the Modeling AG. Yet, the inferred IS A relationship from the OWL anatomy ontology can be reviewed and implemented in the production. This will utilise the outcomes of the new anatomy model as well as evaluate the design of the new model. In particular, it is important to review the changes of IS-A relationships in anatomy for quality assurance and minimise impact to other hierarchies, such as disorders, procedures, observables, situations etc.</p> <p>The first subject area for revision is the sub-hierarchy of skin structure. The majority changes have been made in the January 2018 release. The rest will be completed in July 2018 and following releases.</p> <p>The subject area for revision of IS A relationships will be determined and updated in the following confluence page. https://confluence.ihtsdotools.org/display/IAP/Revision+of+IS-A+relationships+for+anatomy</p> | July 2018 International Edition |
| <p>3 <u>Summary of Drugs changes</u></p> <p>New semantic tags, attribute and hierarchies added and MRCM changes to support National Extension Model. SNOMED CT Drug Model for supporting National Extension V0.3 (work in progress) and won't be available to download</p> <p>MP-only 90%+ of concepts planned for Jan2019 Release are included in the DEMO release</p> <p>MPF-only 90%+ of concepts planned for Jan2019 Release are included in the DEMO release</p> <p>Role: a subset of content planned for Jan2019 Release is included in the DEMO release</p> <p>Documentation Ed Guide is being updated accordingly and is not available at this point in time.</p> | Jan 2019 DEMO Release |

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| <p>4 <u>Summary of Substances Changes</u></p> <p>Flattening of Substance hierarchy</p> <p>Regular maintenance of substance hierarchy - Add missing structural parents and Disposition and Structure groupers</p> <p>Review of the remaining existing JIRA tickets for Substance project</p> <p>Review of the existing JIRA tickets for Allergies project</p> <p>Replace Substance concepts with product concepts, where role concepts have been used to define procedures or findings</p> <p>1. Retirement of role concepts</p> <p>Gap analysis on selected national extensions Substances to support the product Active ingredients not in SNOMED - RxNORM, AMT</p> | <p>Jan 2019 DEMO Release</p> |
| <p>5 <u>Internal QA - Situation and Findings</u></p> <p>Test and procedure status: Inactivated 143 concepts in the Situations and Findings hierarchies with pattern "Test/procedure OFFERED" and "Test/procedure NOT OFFERED" as these represent an administrative status.</p> | <p>Jan 2019 International Edition</p> |
| <p>6 <u>Internal QA - Qualifier Value</u></p> <p>Inactivation of Agencies and organizations (qualifier value) and subtypes: moved to UK extension i.e. 66 concepts inactivated.</p> | <p>Jan 2019 International Edition</p> |
| <p>7 <u>Replacement of OWL conversion script with a link to the open source directory</u></p> <p>In January 2017 the original OWL conversion script (a.k.a. the "Spackman OWL script") was removed from the International Edition package, and has since been published as a separate artefact alongside each Release.</p> <p>Because this script does not recognize the two new OWL refsets (see section 3.3.2 of these Release Notes), the Terminology Release Advisory Group has determined that the script should no longer be distributed.</p> <p>Going forward, Release Notes will now include a link to the new open source OWL conversion toolkit that can be found in the following repository (including documentation on its use):</p> <p>https://github.com/IHTSDO/snomed-owl-toolkit</p> <p>Please contact SNOMED International at support@snomed.org if you would like to provide any feedback on ways to extend and improve the new toolkit.</p> | <p>July 2018 International Edition</p> |
| <p>8 <u>Deprecation of the Technical Guide Exemplars document from the International Edition release package</u></p> <p>The Terminology Release Advisory Group has confirmed that there should be no impact from removing this almost entirely static document from the International Edition release package, and hosting it instead in a Confluence Page. From the July 2018 International release then, we will deprecate this file (doc_lcd10MapTechnicalGuideExemplars_[date].xlsx) from the Release package, and instead provide a link in the Release Notes to the new Confluence Page. Please see section 2.4.1.3 of the Release Notes for the relevant link.</p> | <p>July 2018 International Edition</p> |

9 **Replacement of the Stated Relationship files with the new OWL Axiom refset files**

Jan 2019 International Edition

In the January 2019 release, the stated relationship file will be replaced by the OWL Axiom refset files, that will include all logical definitions and other features specified in the SNOMED CT logic profile specification. The stated relationship file will NOT be included in the international release; however, it may still be available on request to support migration to the OWL Axiom refset.

IMPORTANT NOTE FOR USERS

Users should carefully analyse any potential impact to their systems (upload routines, etc) and make provisions for these changes urgently (if not already done), in order to prevent any issues when these changes come into effect in January 2019. Please contact SNOMED International at support@snomed.org with “OWL Axiom refset files implementation question” in the subject line.

The inferred relationship file will maintain the same format and structure, though it will no longer contain all necessary and sufficient conditions. The inferred relationship file is represented in Necessary Normal Form for distribution of relationships. It is a collection of all the necessary conditions and represents a subset of the full semantics from the 2018 July release and onwards. Most users will benefit from the improvements in the inferred relationships without requiring changes to their existing systems.

A set of documentations has been developed to support the Logic Profile Enhancements.

- [SNOMED DL Profile Enhancements](#)
- [SNOMED CT Logic Profile Specification](#)
- [SNOMED CT OWL Guide \(OWL Refsets specification\)](#)
- [Necessary Normal Form for Inferred Relationships](#)
- [Snomed OWL Toolkit - https://github.com/IHTSDO/snomed-owl-toolkit](https://github.com/IHTSDO/snomed-owl-toolkit)
- [Classifying SNOMED CT using the Snomed OWL Toolkit - https://youtu.be/-91egY9mJqA](https://youtu.be/-91egY9mJqA)
- [Creating an OWL file containing SNOMED CT - https://youtu.be/sfFbMMioA_4](https://youtu.be/sfFbMMioA_4)