



SNOMED CT July 2021 International Edition - SNOMED International Member Release notes



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1 Introduction

1.1 Background

This document is to provide visibility to the Members of relevant feedback received during the Beta Release period, and any actions taken as a result of this feedback.

1.2 Purpose

This document provides information related to differences between the files distributed as part of the July 2021 Beta Release of the SNOMED CT International edition, and the Members' distribution of the July 2021 SNOMED CT International edition.

Please contact SNOMED International at support@snomed.org with any questions related to the contents of this document.

1.3 Scope

This document relates exclusively to the July 2021 International Edition, and not any prior Releases.

1.4 Audience

This document is intended for use by SNOMED International Member National Release Centres only, and should not be distributed to Affiliate licensees without permission from SNOMED International.

2 Notes for the July 2021 Member Release

2.1 Summary

The feedback about the SNOMED CT International Beta Release that was received during the Beta period, was used to update the International edition release package ready for the Member release.

There was some feedback provided that, for a variety of reasons, didn't result in changes to this Release version, but instead will be resolved as part of the next editing cycle, ready for publication in future releases. Details of these "Known Issues" can be found in section 3.1 of the Release Notes that are published alongside the July 2021 International edition Member release package.

The feedback that resulted in changes being made to the Member Release package for the July 2021 International edition are detailed below in section 2.2.

SNOMED International thanks Members who contributed feedback.

NOTICE of changes to Member release

In order to include important COVID-19 Vaccines content in the July 2021 International Edition, that was not available until later in the Release cycle, SNOMED International introduced planned changes to the original content of the Beta Release.

This means that the Member Release (published on 30th Jun 2021) contains planned differences to the original Beta Release content - the current scope is circa. 40 vaccine-related component changes. Anyone interested in these changes should therefore ensure that they download the Member release even if they've already validated the BETA release.



2.2 Items Reported in the Beta feedback stage, that were resolved for the Member Release

The following items were resolved in the July 2021 International Member Release package, between the publication of the Beta Release and Member Release(s):

Key	Summary	Description	Resolved
ISR S-9 48	MRCM validation failures	<p>Some additional MRCM failures have been found by running the MRCM validation against the inferred view as well as the stated view.</p> <p>https://docs.google.com/spreadsheets/d/1e71VzDGWKq_c-mfpbpQGmNutmQyvPOAPCIwvd_wyzXI/edit#gid=0</p> <p>RESOLUTION: The content team have reviewed all the issues identified, and come to the following conclusion: The Rule is correct, but the failures have the correct value, and so the report is picking up false positives. No action required.</p>	2021 - Jun- 11



ISR S-1 059	UATG feedback - Unknown ModuleID's in the Description Inactivation Indicator refset	<p>When the test import of the July 2021-07-31 Beta Release files was run an error occurred saying that there are four Description Inactivation Reference Set Members that reference an unknown 'moduleID'. The records had to be removed in order to import the Beta package into their UAT database:</p> <ul style="list-style-type: none"> • aea46645-ca47-4709-8286-37691827e2da 20210731 1 1145237009 900000000000490003 1208224012 723277005 • ead0b94a-45a9-4d9e-bf2b-f9a8ce8f5e11 20210731 1 1145237009 900000000000490003 1776499019 723277005 • 10057def-1a25-4929-8f0c-b6783494e638 20210731 1 1145237009 900000000000490003 170673014 723277005 • 3fed3f08-c599-419d-b820-6bd7db593e2f 20210731 1 1145237009 900000000000490003 1210846018 723277005
		<p>The 'moduleID' 1145237009 could not be found in the Beta package, in any of the Delta/Snapshot/Full files.</p>
		<p>RESOLUTION: The AttributeValue records were confirmed to have invalid moduleID's. These records were therefore manually fixed in time for the July 2021 International Edition Production release, by amending the moduleID's to valid values.</p>
ISR S-1 060	UATG feedback - invalid SNOMED CT Concept ID	<p>During the test import, an incorrect SNOMED CT ID was discovered - with a partition ID of "2" - in one of the Concept file rows:</p> <ul style="list-style-type: none"> • 6024204 Vaccine product containing only Influenza A virus A/Indonesia/05/2005 (H5N1)-like virus strain split virion hemagglutinin antigen (medicinal product) <p>RESOLUTION: Concept and related components replaced with valid SCTID 1162629006.</p>



ISR Concepts inactivated
S-1 with no replacements
063 suggested

There were 1006 concepts inactivated in the July 2021 International Edition editing cycle, that had no replacements suggested. This can cause additional work for the Extension users which are using these concepts in their relationships.

RESOLUTION: The full set of inactive concepts and inactivation reasons were reviewed by the SNOMED International content team. The conclusion was that the majority of the concepts are physical object concepts relating to single use, kits, sets and these concepts do not have a replacement - the inactivation reason is therefore correct in these cases.

For a small number of the concepts, however, the inactivation reason was deemed to be insufficient, and therefore updates will be made for the January 2022 International Edition release for the following records:

- 371499003 - reactivated
- 399548004 - outdated
- 399618007 - erroneous
- 244577002 - erroneous
- 244655006 - erroneous
- 416631005 - ambiguous
- 699934001 - ambiguous
- 732166009 - ambiguous
- 42656008 - outdated
- 609344008 - erroneous
- 609346005 - erroneous
- 609347001 - outdated
- 16224631000119103 - outdated
- 130995001 - outdated
- 130996000 - outdated
- 250349006 - outdated
- 194282005 - outdated
- 236623005 - reactivated
- 420656008 - outdated

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ISR S-1 064	RVF Assertion failure: 5c6b6bc0-79b9-11e1- b0c4-0800200c9a66	testCategory: "release-type-validation", testType: "SQL", assertionUuid: "5c6b6bc0-79b9-11e1-b0c4-0800200c9a66", assertionText: "All relationships inactivated in current release must have been active in the previous release.", failureCount: 2, firstNInstances: [<ul style="list-style-type: none"> • {conceptId: "1149367008", detail: "Relationship: id=13763994028 is inactive but no active state found in previous release."} • {conceptId: "1149366004", detail: "Relationship: id=13764011027 is inactive but no active state found in previous release."} RESOLUTION: SNOMED International Content Team confirmed that the concepts were added as new for the July 2021 release with an effective time 20210731. However the related inferred relationships have been inactivated in the latest Vaccines work, and have effectively been created and inactivated within the same 20210731 release cycle (as they were never active in a previous release). They have confirmed that this is therefore an expected status and doesn't suggest any underlying issue with the content - no action is required.	2021 - Jun- 21
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ISR Redundant Inferred
S-1 Relationship records
065

There are 96 potentially redundant inferred relationships in the BETA release of the July 2021 International Edition. The entire list is attached to the ticket, however here is an example:

- 92945021 20210731 0 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 2756593026 20210731 1 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002

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RESOLUTION: After investigation by the SNOMED International development team, it has been confirmed that there is no redundancy - it just looks like there is because of a historical issue where the classifier didn't reconcile older relationships when they were re-activated during authoring (due to modeling changes). Taking the above relationship as an example, every time throughout history that it's been inactivated, the classifier re-activates it with the alternate ID - so putting them in chronological order:

- 92945021 20020131 1 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 92945021 20020131 1 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 92945021 20020731 0 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 2756593026 20050131 1 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 2756593026 20210131 0 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 92945021 20210131 1 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 92945021 20210731 0 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002
- 2756593026 20210731 1 900000000000207008 274183004 24257003 0 116680003 90000000000011006 900000000000451002



So whilst this makes it look as if there's redundancy in this release cycle, it's actually just the latest switch in the ID's that has been occurring for years. When a relationship becomes inferred again the classification service finds any previously published relationship to make active. This churn will be further reduced by making the classification service favour inactive relationships that changed this cycle rather than picking any inactive relationship when making a relationship active again - a ticket has been raised to refine this: MAINT-1684

In the meantime, there is no requirement to replace the relationships in this cycle for July 2021 because it should have no impact on implementers. The inferred relationships are correct and there are no born inactive rows as was originally suspected. Once the work is complete for MAINT-1684 even this small amount of churn will be reduced further for the following authoring cycles.

6 issues