

## Title: SNOMED CT International Edition: Process for updating a National Extension

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### Audience

Users, Vendors, Implementers, NRCs

### Objectives

To describe the process of updating a national extension to align content with new versions of the SNOMED CT International edition.

### Abstract

The Uruguay Extension depends on the Spanish Edition, which depends on the International Edition. When planning the second release of the Uruguay Extension, changes in the International Edition and in the Spanish Edition affected content previously published in the Uruguay Extension.

This presentation describes the processes and methods implemented in order to align with new and updated content, detecting relevant change events and their impact on the extension content.

The kind of inconsistencies detected in our extension as a consequence of changes on its dependencies included:

- Equivalent concepts: same logical definitions
- Lexical duplications: new concepts with the same name
- Inactive targets in relationships
- Inactive references in the dialect language reference set
- Inactive reference set members

Some changes did not result in invalid states but required manual review:

- Changes in the Spanish translation of concepts included in reference sets
- Changes in logical definitions of concepts included in reference sets
- Changes in concepts that are referenced explicitly in the Uruguay language reference set

The strategy of adapting to these changes involves creating different reports and review lists to detect each of these specific changes. The Uruguay national extension maintains the national language reference set as an intensional language reference set, based on only managing exception to the International Spanish edition. This strategy minimizes maintenance overhead.