5.4.4.3 Inactivate Relationship in an Extension

Purpose

There are a variety of reasons for inactivating a relationship in an extension, including:

- An extension concept has been inactivated, which requires all relationships that it participates in to be inactivated
- To correct errors in the definition of a concept
- To remove any redundant | is a| relationships, generated when classifying the extension edition
- To remove any 'temporary' relationships that were added to correct errors in the International Edition that have since been fixed in the International release

Principles

Inactivating Extension Relationships

Relationships in an extension can be inactivated if required. This is done by creating a new version of the extension relationship with a more recent *effectiveTime* and the *active* attribute set to '0' (for 'inactive').

Inactivating Relationships from the International Release

Relationships which belong to the International Edition (or to a module on which the extension depends) should *not* be inactivated in an extension. When relationships from the International Edition need to be excluded, this can be done by creating a simple reference set of either 'included' or 'excluded' relationships.

The only situations in which an extension producer may inactivate a relationship specified in the international edition (or a module on which the extension depends) are:

- Where an international | is a| relationship becomes redundant after classification is performed. For more information, refer to 5.4.2.1 Add Concept in an Extension and 5.6.1.1 Classifying an Edition.
- Where there exists an erroneous relationship in the International Edition (or in a module on which the extension depends), that may cause incorrect inferences in the extension edition. If this occurs, the error may need to be temporarily corrected in the extension edition. In addition, SNOMED International must be notified of the error so that it can be permanently corrected in the international edition.

In these situations, the relationship from the International Edition (or module on which the extension depends) is inactivated by creating a new version of the relationship in the extension module with a more recent *effectiveTime* and the *active* attribute set of '0' (for 'inactive').

Process

The table below provides a summary of the process to follow when inactivating a relationship in an extension.

File Type	Process
Relationship	A new row representing a new version of the relationship being inactivated is added to the file.
	The attributes of the new relationship version are set as follows: - *id* is set to the same relationship identifier as the relationship being inactivated - *effectiveTime* is set to the date the extension will be published - *active* is set to 0 to indicate that the relationship will become inactive at the time of publication - *moduleId* is set to identify a module in the extension - sourceId*, destinationId*, *typeId*, *characteristicTypeId*, *typeId* are set as per the previous version of this relationship