























SNOMED CT Model Component

Definition	Types
Concepts and attributes necessary to organize and structure SNOMED CT terminology and its derivatives	900000000000442005 Core metadata concept (core metadata concept) 900000000000454005 Foundation metadata concept (foundation metadata concept) 106237007 Linkage concept (linkage concept) 370136006 Namespace concept (namespace concept)

SNOMED Model component module (metadata)

- ▼  SNOMED CT Model Component (metadata)
 - ▼  Core metadata concept (core metadata concept)
 -  Case significance (core metadata concept)
 -  Characteristic type (core metadata concept)
 -  Definition status (core metadata concept)
 -  Description type (core metadata concept)
 -  Identifier scheme (core metadata concept)
 -  Modifier (core metadata concept)
 -  Module (core metadata concept)
 - ▼  Foundation metadata concept (foundation metadata concept)
 -  Reference set (foundation metadata concept)
 -  Reference set attribute (foundation metadata concept)
 - ▼  Linkage concept (linkage concept)
 -  Attribute (attribute)
 -  Link assertion (link assertion)
 - ▼  Namespace concept (namespace concept)
 -  Core Namespace (namespace concept)
 -  Extension Namespace {1000000} (namespace concept)
 -  Extension Namespace {1000001} (namespace concept)
 -  Extension Namespace {1000002} (namespace concept)
 -  Extension Namespace {1000003} (namespace concept)
 -  Extension Namespace {1000004} (namespace concept)

Core metadata concept

Subtypes of [900000000000442005](#) | Core metadata concept (core metadata concept)| provide structural information required to support International Release data. This supporting information includes sets of enumerated values that apply to attributes of concepts, descriptions, and relationships.

Foundation metadata concept

Subtypes of the [900000000000454005](#) | Foundation metadata concept (foundation metadata concept)| provide supporting metadata and structural information for derivative release structures including Reference Sets.

Linkage concept

A [106237007](#) | [Linkage concept \(linkage concept\)](#) | links two or more concepts to express compositional meanings. All concept codes that can be used as a *Relationship Type* are included under Linkage concept (linkage concept). The Concept Model attributes are approved for use.

Linkage concept is a subtype of 900000000000441003 [SNOMED CT Model Component (metadata)]. The Linkage concept hierarchy has the subhierarchies:

- Attribute (attribute)
- Link assertion (link assertion)

Concepts in the Linkage concept subhierarchy are used to construct relationships between two SNOMED CT concepts; they indicate the relationship type between those concepts. Some attributes (relationship types) can be used to logically define a concept (defining attributes).

Unapproved attributes

[408739003](#) | [Unapproved attribute \(attribute\)](#) | is a subtype within this hierarchy with over a thousand descendants. Unapproved attributes in the SNOMED CT Concept model may be used to create post-coordinated expressions with caution. Use of unapproved attributes is neither supported by the MRCM nor recommended beyond intraorganizational use. Approved attributes are those that fit the MRCM for data sharing and interoperability between systems. Unapproved attributes are used for creating expressions within a single system for semantic matching of vendor terms (i.e. those that are used for mapping of interface terms, clinical decision support that use components within the expression, etc.).

Users should beware that unapproved attributes can potentially

- conflict with approved attributes if used without discretion
- change into an approved attribute if warranted by SNOMED International

Namespace concept

[370136006](#) | [Namespace concept \(namespace concept\)](#) | is a subtype of 900000000000441003 [SNOMED CT Model Component (metadata)]. Each of its subtypes has an integer term which is an assigned extension namespace identifier.



For more information

New namespace concepts are requested via email to info@snomed.org. A SNOMED International staff terminologist will add new extension namespace identifiers as requests are received. It is also necessary to change the Module ID per the following:

The screenshot displays the SNOMED International Single Concept Authoring (SCA) interface. The browser address bar shows the URL: <https://authoring.ihtsdotools.org/sca/#/tasks/task/INTQA/INTQA-525/edit>. The page title is "Single Concept Authoring - Dashboard Providing Feedback / INTQA / INTQA-525".

The interface is divided into several sections:

- Task Title:** Module ID changed to SNOMED CT module (core metadata concept). Concept ID: 725515007. Module ID: SNOMED CT model component module (core metadata concept).
- Task Details:** ONLY Extension Namespace (1000206) (namespace concept). The others definitions were removed.
- Diagram:** A diagram showing a relationship between "Extension Namespace (1000206) (namespace concept)" and "270138006 Namespace concept (namespace concept)".
- Table:** A table listing extension namespaces for "Extension Namespace (1000206) (namespace concept)".

Extension Namespace (1000206) (namespace concept)	FSN	us: P	gb: P
Extension Namespace (1000206) (namespace concept)	ci	us: P	gb: P
Extension Namespace 1000206	SYN	us: P	gb: P
Extension Namespace (1000206)	SYN	us: A	gb: A

Below the table, there is a section for "0 Total Comments for Extension Namespace (1000206) (namespace concept)" and a "Mark Feedback Unread" button. A search bar is also present at the bottom right.

For further details, see *Namespace identifiers* on the SNOMED website at: <https://www.snomed.org/snomed-ct/Use-SNOMED-CT>. Find the Namespace Identifier Registry at <https://cis.ihtsdotools.org/info/>