

SNOMED CT Refset Management & Translation Tool

For training videos, please go here - [SNOMED CT Refset Management & Translation Tool#Training](#)

Availability - LIVE

[Refset & Translation Tool](#)

Overview

This page documents resources, links, and other information to support the SNOMED CT Refset Management & Translation Tool.

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- [Features](#)
- [Github Project](#) (on IHTSDO Git Labs site, requires login)
- [UAT Deployment Site](#) - Click here to see [the Swagger API](#)
 - [UAT Deploy Instructions](#)
 - Terminology Server Integration: <https://sct-rest.ihtsdotools.org/api/snomed>
 - Identity Management Integration: <https://ims.ihtsdotools.org>
 - Component Identifier Service Integration: <https://uat-cis.ihtsdotools.org/api>
 - (Auto) Translation Integration: Google Translate
 - PATCH LEVEL: 20170110
- [PROD Deployment Site](#) - Click here to see [the Swagger API](#)
 - [PROD Deploy Instructions](#)
 - Terminology Server Integration: <https://sct-rest.ihtsdotools.org/api/snomed>
 - Identity Management Integration: <https://ims.ihtsdotools.org>
 - Component Identifier Service Integration: <https://cis.ihtsdotools.org/api>
 - (Auto) Translation Integration: Google Translate
 - PATCH LEVEL: 20170110

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Admin Documentation

- [Prerequisites and Software Dependencies](#)
- [Building and Deploying in Eclipse](#)
- [Installing and Configuring Nginx Gateway](#)
- [Installing and Configuring Tomcat 7](#)
- [Admin Tools](#)
 - [AdHoc and Patch Data](#)
 - [Create Database](#) (also for updating database)
 - [Reindex Objects](#)
 - [Generate Sample Data](#)
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- [Creating and Configuring Refset and Translation Projects](#)
 - [Creating a New Project](#)
 - [Assigning Users to a Project](#)
- [User Management \(IMS\)](#)
 - [Authentication and Authorization](#)
 - [Creating an Admin User](#)
 - [Adding Users and Setting Project Roles](#)

Technical Documentation

High-level Documentation

- [System Architecture](#)
- [Persistence Framework](#)
- [Auditing and Revision History](#)
- [Logging](#)
- [Indexing](#)
- [Security, Users, and Roles](#)
- [Concurrency and Locking](#)
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- [Domain Model](#)
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- [Configuration Settings Overview](#)
- [Unit and Integration/Functional Testing](#)
- [Third-party Javascript Components](#)
- [IHTSDO Integration Points](#)
 - [IHTSDO Identity Management Service](#)
 - [IHTSDO Terminology Server](#)
 - "Editions" and "Languages" supported are cached, so if/when new editions and or language support is added to the Browser or IHTSDO terminology server, it would be appropriate to bounce the server.

- IHTSDO Component Identifier Service
 - Google Translate
- APIs and Services
 - Security Service
 - Project Service
 - Release Service
 - Refset Service
 - Translation Service
 - Workflow Service
 - Validation Service

Application Features

- Editing, Tracking, Workflow
 - Refset Workflow
 - Translation Workflow
- Identifier Assignment
- Release Process (including release properties, artifacts, etc)
- Migration

User Documentation

- Logging In
- Projects, Refsets, Translations
- Public User Features - Directory
 - Published, Beta Refsets
 - Published, Beta Translations
- Refset Features
 - Adding, Updating, and Removing Refsets
 - Local Set vs. Refset
 - Developing and Maintaining Intensional Refsets
 - Developing and Maintaining Extensional Refsets
 - Developing and Maintaining External Refsets
 - Importing and Exporting Refsets
 - Upgrading Refset to a New Version
 - Releasing a Refset
- Translation Features
 - Adding, Updating, and Removing Translations
 - Developing and Maintaining a Translation
 - Importing and Exporting Translations
 - Upgrading a Translation to a New Version
 - Releasing a Translation

Developer Documentation

- IHTSDO DevOps
 - Versioning "develop" and "master"

Training

Use this [Training Template](#) for the tour/videos pages.

- Refset Tool Tutorial - Login/Logout
- Refset Tool Tutorial - How to Make a Project
- Refset Tool Tutorial - How to Make an Extensional Refset
- Refset Tool Tutorial - How to Make an Intensional Refset
- Refset Tool Tutorial - How to Make a Translation
- Refset Tool Tutorial - Editing an Extensional Refset
- Refset Tool Tutorial - Editing an Intensional Refset
- Refset Tool Tutorial - Editing a Translation
- Refset Tool Tutorial - Refset Release Process
- Refset Tool Tutorial - Translation Release Process
- Refset Tool Tutorial - Migrating an Extensional Refset
- Refset Tool Tutorial - Migrating an Intensional Refset

Release Notes

[Refset Tool - Release Notes](#)

References/Links

- IHTSDO Component Identifier Service
 - IHTSDO Identity Management Service
 - IHTSDO Terminology Server
 - Google Translate
- SNOMED International Translation Tooling
 - IHTSDO Translation Documentation
 - Translation Tooling Requirements
 - Translation Tooling User Features
- Importing and Exporting Refsets
- Importing and Exporting Translations
- Indexing
- Installing and Configuring Nginx Gateway
- Installing and Configuring Tomcat 7
- Local Sets
- Local Set vs. Refset
- Logging
- Logging In
- Migration
- Persistence Framework
- Prerequisites and Software Dependencies
- PROD Deploy Instructions
- Product requirements
 - Requirements Revision
 - Requirements
 - Visual Designs
 - Refset Tooling User Features
- Projects, Refsets, Translations
- Public User Features - Directory
 - Published, Beta Refsets
 - Published, Beta Translations
- QA Database
- Refset Features
- Releasing a Refset
 - Releasing a Translation
- Requirements Matrix
- Security, Users, and Roles
- System Architecture
- Translation Features
- Upgrading a Translation to a New Version
- Upgrading Refset to a New Version
- Configuration Settings Overview
- Unit and Integration /Functional Testing
- Third-party Javascript Components
- Editing, Tracking, Workflow
- Versioning "develop" and "master"
- Refset Workflow
- Translation Workflow
- Identifier Assignment
- Release Process

- [SNOMED CT Release Format 2 - Refset Specifications v1.0.docx](#)
- [SNOMED_CT_Release_Format_2_-_Data_Structures_Specification_v1.0.pdf](#)
- [Developer Space](#)
 - [Cloning PROD Database to UAT](#)
- [Code and XML Formatting in Eclipse](#)
- [Static Code Analysis](#)
- [Glossary](#)
- Recordings made using: [Jing](#) and [Camtasia](#)

- [Refset Tool - Release Notes](#)
 - [Refset Tool Version 1.1.2 - 03 March 2018 - Release Notes](#)
 - [Refset Tool Version 1.1.3 - 21 March 2018 - Release Notes](#)
 - [Refset Tool Version 1.1.3_a - 25 May 2018 - Release Notes](#)
 - [Refset Tool Version 1.1.4 - 24 February 2019- Release Notes](#)
 - [Refset Tool Version 1.1.4_a - 13 May 2019 - Release Notes](#)
 - [Refset Tool Version 1.1.4_b - 16 May 2019 - Release Notes](#)
 - [Refset Tool Version 1.1.5 - 24 May 2019- Release Notes](#)
 - [Refset Tool Version 1.1.6 - 11 July 2019 - Release Notes](#)
 - [Refset Tool Version 1.1.7 - 02 August 2019- Release Notes](#)
 - [Refset Tool Version 1.1.8 - 04 September 2019- Release Notes](#)
 - [Refset Tool Version 1.1.9 - 16 September 2019- Release Notes](#)
 - [Refset Tool Version 1.2.12 - 26 November 2019- Release Notes](#)
 - [Refset Tool Version 1.2.13 - 4 December 2019- Release Notes](#)
 - [Refset Tool Version 1.2.14 - 11 February 2020 - Release Notes](#)
 - [Refset Tool Version 1.2.16 - 04 March 2020 - Release Notes](#)
 - [Refset Tool Version 1.2.17 - 20 March 2020 - Release Notes](#)
 - [Refset Tool Version 1.3.0 - 10 July 2020 - Release Notes](#)
 - [Refset Tool Version 1.4.1 - 29 September 2020 - Release Notes](#)
 - [Refset Tool Version 1.4.3 - 07 October 2020 - Release Notes](#)
 - [Refset Tool Version 1.4.4 - 15 October](#)

2020 - Release
Notes

- Refset Tool Version 1.4.5 - 05 November 2020 - Release Notes
- Refset Tool Version 1.4.8 - 10 December 2020 - Release Notes
- Refset Tool Version 1.4.9 - 18 March 2021 - Release Notes
- Refset Tool Version 1.4.10 - 22 March 2021 - Release Notes
- Refset Tool Version 1.4.11 - 29 April 2021 - Release Notes
- Refset Tool Version 1.4.13 - 1 July 2021 - Release Notes
- Refset Tool Version 1.4.14 - 23 July 2021 - Release Notes
- Refset Tool Version 1.4.15 - 05 August 2021 - Release Notes
- Refset Tool Version 1.4.16 - 31 August 2021 - Release Notes
- Refset Tool Version 1.4.17 - 14 October 2021 - Release Notes
- Refset Tool Version 1.4.18 - 09 November 2021 - Release Notes
- Refset Tool Version 1.4.19 - 25 August 2022 - Release Notes
- Refset Tool Version 1.4.20 - 03 November 2022 - Release Notes
- Refset Tool Version 1.4.21 - 23 November 2022 - Release Notes
- Refset Tool Version 1.4.22 - 08 December 2022 - Release Notes
- Refset Tool Version 1.4.23 - 14 December 2022 - Release Notes
- Refset Tool Version 1.4.24 - 15 March 2023 - Release Notes
- Refset Tool Version 1.4.26 - 05 April 2023 - Release Notes
- Refset Tool Version 1.4.27 - 19 April 2023 - Release Notes

