# SNOMED International Mapping Tool Home

## Overview

This page documents resources, links, and other information to support the IHTSDO Mapping Tool.

- Features
- Github Project
- UAT Deployment Site - Click here to see the Swagger API
    - Deploy Instructions - Details on installing and configuring the reference deployment site
    - Redeploy Instructions - Details on updating and configuring the reference deployment site

## Admin Documentation

- Prerequisites and Software Dependencies
- Building and Deploying in Eclipse
- Installing and Configuring Nginx Gateway
- Installing and Configuring Tomcat 7
- Configuring Swagger
- Admin Tools
    - Maintenance Page
    - Create/update DB
    - Lucene Reindex
    - Terminology Loader and Remover
    - Concept and Target Name Updater
    - Map Project Import and Export
    - Map Record Loader and Remover
    - Map Note Loader and Remover
    - QA Tools
    - Workflow Tools
    - Index Viewer Tools
    - Reporting Tools
    - Release Processing Tools
    - Maintenance Tools
- Updating a Source Terminology
- Updating a Destination Terminology
- User Management
    - Authentication
    - Adding Admin User via Webapp
    - Adding Admin User via Mojo
    - 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
- Error Handling
- Domain Model
- Unit and Integration/Functional Testing
- Third-party Javascript Components

#### Application Features

- Internal Service APIs
- Loading Terminologies
- Editing, Tracking, Workflow
    - Non-legacy Workflow Path (Conflict workflow)
    - Review Project Workflow Path (Non-conflict workflow)
    - Legacy Workflow Path
    - Simple Workflow Path

        - Fix Error Workflow Path
        - QA Workflow Path
        - Consensus Path
- Identifier Assignment
- Mapping Tool Release Process
- Quality Assurance
- Index Viewer

## User Documentation

- Editing Cycle
- General
    - Logging In
    - Header and Footer
    - Switching Focus Project
    - Role-based Dashboards
    - Viewing Map Project Metadata
    - Viewing Map Records for a Project
    - Viewing Mappings for a Concept
- Dashboard Widgets
- Specialist Features
    - Finding available work
    - Assigning work
    - Editing assigned work
    - Finishing work from the Main Dashboard
    - Recently edited work
    - Feedback
    - Feedback Conversations
    - Index Viewer
- Lead Features
    - Finding available work
    - Assigning work
    - Editing assigned work
    - Recently edited work
    - Feedback
    - Feedback Conversations
    - Project reports
    - QA checks
    - Editing map project metadata
- Admin Features
    - Map record admin
    - Application admin
- Maintenance and Automations
    - Quality Assurance Checks
    - Report Generation
    - Drip Feed
    - Daily Build
    - Terminology Updates
- Creating and Configuring Map Projects
    - Creating an Administrative User
    - Creating a New Project
    - Adding Metadata to a New Project
    - Setting Project Scope
    - Managing Reports and QA Checks
    - Customizing the Index Viewer
    - Including custom code
        - Custom Project Specific Algorithm Handlers
        - Custom Release Process
        - Custom Workflow Paths
        - Custom Terminologies
- Performing an RF2 Release
- Rest API documentation
    - REST Security Service
    - REST Metadata Service
    - REST Content Service
    - REST Mapping Service
    - REST Workflow Service
    - REST Report Service
- REST Clients

## User Training Video Tutorials

- MAP General Training 001
- MAP General Training 002
- MAP General Training 003

- MAP General Training 004

## Developer Details

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

## Project-specific Details

- Setting up a New Project
- ICD10 Mapping
- ICPC Mapping
- GMDN Mapping
- ICD-O Mapping
- ICD10 2016 Update
- ICD10CM Mapping
- ICD11 Mapping
- MedDRA Mapping

## Training

Use this Training Template for the tour/videos pages (REMOVE this note later)

- General Training
- Specialist Role Training
- Lead Role Training
- Admin Role Training

## Release Notes

Mapping Tool - Release Notes

## Meeting Notes

Meeting Notes and Actions

## References/Links

- Sample URL for authoring changes (e.g. replace the concept id at the end)
  - https://authoring.ihtsdotools.org/traceability-service/activities?conceptId=16301051000119102
    - Scroll to the bottom to see the most recent change
  - NOTE: if using Chrome, install the "JSON Formatter" addon (to pretty-print the output):
    - https://chrome.google.com/webstore/detail/json-formatter/bcjindcccaagfpapjjmafapmmgkkhgoa?hl=en
- 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
- End of Editing Cycle IHTSDO Discrepancy Reports for ICD10
- Recordings made using: Jing and Camtasia

## Recent space activity



Rick Wood
Mapping Tool - Release Notes updated 2024-Jan-16 view change
Mapping Tool Version 1.7.46 - XX January 2024 - Release Notes created 2024-Jan-05
Mapping Tool Version 1.7.45 - 18 December 2023 - Release Notes created 2023-Dec-18
Mapping Tool Version 1.7.44 - 20 November 2023 - Release Notes updated 2023-Nov-20 view change
Mapping Tool Version 1.7.42 - 11 August 2023 - Release Notes created 2023-Nov-07

## Space contributors

- Rick Wood (72 days ago)
- Deborah Shapiro (1113 days ago)
- Terance Shird (1504 days ago)
- Phuong Skovgaard (1590 days ago)
- Nuno Marques (1735 days ago)
- ...