



IHTSDO RF2 Conversion Tool

Quick Start Guide

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1 Introduction

1.1 Purpose

The purpose of this document is to describe a minimal set of steps to run the SNOMED CT International Edition RF2 conversion tool using the default configuration.

1.2 Who should read this document?

The intended audience for this document includes users and technical support teams interested in converting SNOMED CT content released under the Release Format 2 (RF2) into the equivalent Release Format 1 (RF1) distribution files to support existing implementations requiring the original RF1 format.



2 RF2 Conversion Quick Start

The RF2 Conversion Tool is an open source, Java-based, software tool to facilitate the conversion of SNOMED CT files released in RF2 format into RF1 format. The tool provides both a command line utility and a Graphical User Interface (GUI) to facilitate configuration, progress tracking and the maintenance of additional data whenever it is not available as part of an RF2 release.

This document describes the steps to run the utility from the command line, using the default configuration to convert the latest SNOMED CT International Edition RF2 release into RF1 format.

2.1 Requirements

The RF2 to RF1 Conversion Tool requires:

- Apple Mac OS X, MS Windows XP, Windows Vista, Windows 7 or Linux.
- 2 gigabyte (GB) RAM
- 10 gigabyte (GB) available hard disk space
- 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor

2.2 Installation

Execute the RF2 to RF1 Conversion Tool installer corresponding to your operative system.

NOTE: Users of Windows Vista and Windows 7 should avoid installing on the "Program files" folder; use the desktop or root disk folder instead.

The installation process will generate the application folder with an executable shortcut and a set of scripts, used for specific execution modes, like GUI, command line, and wizards.

2.3 SNOMED CT RF2 International Edition conversion from command line

For a fast and simple conversion of the International Edition from the command line tool follow these steps:

1. Install the RF2 to RF1 Conversion Tool
2. Download and unpack the latest version of the RF2 International Edition release
3. Download and unpack the latest version of the RF1 Compatibility Package
4. Open a command line window, position in the application root folder (i.e.

C:\Desktop\rf2-rf1-conversion)

5. Execute the command line International Edition Conversion script:

a. Windows: *SCT-INT-Default-conversion.bat pathToRF2Release
pathToCompatibilityPackage Release*

b. OS X: *./SCT-INT-Default-conversion.sh pathToRF2Release
pathToCompatibilityPackage Release*



Example

A screenshot of a Windows XP command prompt window. The title bar reads "C:\WINDOWS\system32\cmd.exe". The window content shows the following text:

```
Microsoft Windows XP [Version 5.1.2600]  
(C) Copyright 1985-2001 Microsoft Corp.  
  
C:\Documents and Settings\Administrator>cd Desktop\rf2-rf1-conversion  
  
My C:\Documents and Settings\Administrator\Desktop\rf2-rf1-conversion>SCT-INT-Default-Conversion.bat c:\rf2 c:\compatibilitypkg 20110731
```

6. The conversion will run using configuration defaults, while individual tasks in the conversion process will send notification to the screen about the progress of the conversion.
7. The output files will be created in folder: *application-root/output/rf1*

2.4 Using the Conversion tool Graphical User Interface (GUI) and Wizards

The installer creates a shortcut that opens the application in GUI mode. The “*startGUI.bat*” and “*startGUI.sh*” do the same function from the command line in Windows and OS X respectively. The Graphical User Interface is the best option if there is a need to change the configuration or perform additional conversions (i.e. recreating a specific snapshot, or producing a delta file)

Wizards to resolve specific conversion scenarios can be executed from the GUI menu, and also from the command line, with a list of specific scripts. For further information about this topic please see the RF2 Conversion Tool User Guide.