

BECAUSE TERMINOLOGY MATTERS 75 Sgt William B Terry Dr, Suite 2005, Hingham, MA 02043

+1 (203) 431-2530 www.APELON.com www.ApelonDTS.org

DTS 4: Bringing Data Into DTS

Table of Contents

A.	Introd	uction	. 3
В.	Tools 1	for Importing Data into DTS	. 3
E	B.1 DTS	Distribution Client	3
E	B.2 DTS	Modules	6
	B.2.1	Import Wizard plug-in	. 6
	B.2.2	Import Module	. 7
E	B.3 Subs	cription Import Wizard	9
	B.3.1	Enabling the Subscription Import Wizard on Windows	. 9

A. Introduction

This guide discusses the different options available to import data into the DTS Knowledgebase. This guide was prepared to provide users a comprehensive summary on all the methods to import data into DTS.

B. Tools for Importing Data into DTS

B.1 DTS Distribution Client

The DTS Distribution Client is a Subscription Content distribution system designed to keep DTS Knowledgebases up to date with the most current releases of content. It is the recommended method of importing subscription content data into DTS.

The DTS Distribution Client is configured to connect to your DTS Knowledgebase, download Subscription Content package files from the DTS Distribution Gateway, and apply the files to the DTS Knowledgebase.

To import a subscription namespace to your DTS Knowledgebase, first subscribe to a namespace from the **Content Portal** tab.

💈 DTS Subscription Portal						
File Options Help						
My Subscriptions Content Portal						
Title	Outparited	Annround		Current Item		
The	Subscribed	Approved				
HL7 V2.5 Vocabulary				ICD-10-CM (International Classification of		
ICD Reimbursement Mapping		×		Disease 10th Edition Clinical Modification		
ICD-10-CA				(US) #5440		
ICD-10-CM	v	r		(03)) #3140		
ICD-10-PCS		~		IOD 40 Oldeen he wood to end		
ICD-10-R				ICD-10-CM can be used to code and		
ICD-9-CM		v		classify morbidity data from the inpatient		
ICD-9-CM to SNOMED CT US		×		and outpatient records, physician offices,		
ICPC				and most National Center for Health		
ICPC2EENG				Statistics (NCHS) surveys.		
LOINC	~	~				
LTC - DRG		~		Updated annually by the World Health		
MED-RT		¥		Organization		
MedDRA						
MedKnowledge-RxNorm Map				http://www.cdc.gov/nchs/icd/icd10cm.htm		
MedKnowledge_DP						
MedlinePlus Health Topics		~				
MeSH		~				
MIMS						
Minfos				Subscribe		
MS-DRG		∠				

Next, select the **My Subscriptions** tab, select the content you wish to apply, and select **Manage Subscription**.

E	Image: State							
P	File Options Help							
ſ	My Subscriptions Conte	ent Portal						
	Title	Status	Last Applied	Current Item				
	LOINC	Pending Pending		ICD-10-CM (International Classification of Disease, 10th Edition, Clinical Modification (US)) #5140				
				ICD-10-CM can be used to code and classify morbidity data from the inpatient and outpatient records, physician offices, and most National Center for Health Statistics (NCHS) surveys.				
				Updated annually by the World Health Organization				
				http://www.cdc.gov/nchs/icd/icd10cm.htm				
			Manage Subscription	Unsubscribe				

Finally, select the version of the namespace you wish to obtain. If the package name contains the word **full**, then you are obtaining a new subscription namespace. If the package name contains the word **diff**, then you are updating an existing subscription namespace in your DTS Knowledgebase.

Once a selection is made, select **Approve**. This will change the Status from 'Pending' to 'Approved' and then begin the process of applying the selected version to your DTS Knowledgebase.

Content Subscription Manager			
Subscription Name: ICD-10-CM			
Last Applied:	Auto-Approv	/e future updates	
Package Files:			Content Description:
File Name	Publish Date	Status	Namespace ID 5140
5140_full_v4_2018.1.17AA_bin.zip	06/23/2017	Approved	 Version ID 201801
5140_0III_V4_2019.1.16AA_0III.20	00/14/2018	renoing	Version Date 2017-10-01 00:00:00.0 Publish Date: 06/23/2017 Received Date: 06/05/2018 Applied Date:
Reports Approve Pending			Close

The Status will change to 'Processing' while the content is loading. When the package apply process is complete, the 'Status' will change to 'Applied'. At this point, the content will be available in your DTS Knowledgebase.

B.2 DTS Modules

The DTS Editor Modules are plugins which are installed through the DTS Editor to extend the capabilities of your DTS instance. User Guides on all installed modules are accessible from the Help menu of the DTS Editor. There are two plugins available to facilitate importing data into your DTS Knowledgebase:

B.2.1 Import Wizard plug-in

The Import Wizard plug-in enables users to import data into DTS Namespaces and Subsets.



For Namespace imports, data can be imported into either new or existing (populated) Namespaces; Thesaurus, Ontylog and Ontylog Extension Namespaces are supported. For Subset imports, expression creation (from specified Concepts) and building are supported.

Import data can come from either delimited text files (such as those resulting from TermWorks mapping sessions), Excel files (.xls or .xlsx) or specially formatted XML files (Namespace import only, files can be created by the TQL Editor or written independently).

The Import Wizard plug-in can also be ran as a Windows batch file (**DTSImport.bat**), located in the *DTSIntall\bin\importwizard* folder after installing it via the DTS Editor Module Manager. This method may be preferable because it may reduce load time by avoiding DTS Editor GUI overhead.

B.2.2 Import Module

The DTS Import Module for the DTS Editor provides a way to "package" multiple Import Wizard load operations to accommodate more complex importing procedures. These packages, called Actions, can then be easily executed using a simplified Import Module GUI.

The Import module is useful for batch importing different sets of data into separate DTS Namespaces and Subsets based on specification files defined for the data sets being imported.

Actions can be created by selecting Tools > New Import Action Panel. Select the data file and the specification files using the Browse button and determine a name for each import in the Action.

8	The Manage Actions						
Ir	Import Action: Import 2 Namespaces		- New				
	Text Fi	e Delimiter: (t	ab) Includes Header				
	Fielde	-					
	Fields						
	Step	Element	Value				
	1	Name	Namespace 1 Import				
		Import File	C:\Users\astainrod\Desktop\n1.txt	Browse			
		Spec File	C: \Program Files \Apelon DTS 4.7.0 \bin \n1.xml	Browse			
	2	Name	Namespace 2 Import				
		Import File	C: \Users \astainrod \Users	Browse			
		specnie	C. Program Files (Apelon D13 4.7.0 (pin (12.xin)	browse			
			Up Down Add Remove Clear				
- 1							
		Sav	e Rename Copy Reload Delete Cancel				

After the Action has been saved, it can now be selected as an Action to run by going to Tools > New Import Panel

F Import						
Import Action: Import 2 Namespaces						
Import Close Messages [Status] Processing Step 'Namespace 1 Import'						
<pre>[Status] Step 'Namespace 1 Import' completed. 3 recor processed with no warnings and no errors. [Status] Processing Step 'Namespace 2 Import'</pre>	ds					
[Status] Step 'Namespace 2 Import' completed. 3 recor processed with no warnings and no errors. Import operation has completed.	ds					

B.3 Subscription Import Wizard

The Subscription Import Wizard is a GUI-based data import tool which guides users through the initial import of Subscription Content. This tool has been officially retired as of DTS 4.5.1 and should only be used for DTS content evaluation and special circumstance purposes only. Diff packages will not import using the Subscription Import Wizard.

On Windows, the Subscription Import Wizard must be enabled. On Linux, it is accessible by running the subscriptionImportWizard.sh file from the *DTSInstall\bin*.

B.3.1 Enabling the Subscription Import Wizard on Windows

To enable the Subscription Import Wizard and display the option from the DTS folder on the Start Menu:

1. Navigate to your C:\Program Files\Apelon DTS xxx\bin directory

Julei VVIII	ndov	vs7_OS (C:) Program Files Apelon	DTS 4.6.1-838 bin bin			
ools Help						
pen Bur	'n	New folder				
-		Name	Date modified	Туре	Size	
)		🕌 editor	6/25/2018 3:09 PM	File folder		
		import	6/25/2018 3:09 PM	File folder		
		importwizard	6/25/2018 2:27 PM	File folder		
		🚡 kb	5/30/2018 2:28 PM	File folder		
		\mu logs	6/25/2018 2:24 PM	File folder		
n, Inc		\mu tqleditor	6/25/2018 2:27 PM	File folder		
		🚳 acp.bat	5/29/2018 4:17 PM	Windows Batch File	1 KB	
		🚳 ajc.bat	5/29/2018 4:17 PM	Windows Batch File	2 KB	
		🚳 ajwc.bat	5/29/2018 4:17 PM	Windows Batch File	2 KB	
		auth.conf	5/29/2018 4:17 PM	CONF File	1 KB	
E		drivers.xml	5/29/2018 4:17 PM	XML File	2 KB	
		import-precedence.txt	5/29/2018 4:17 PM	TXT File	1 KB	
		🚳 InfoManager.bat	5/29/2018 4:17 PM	Windows Batch File	1 KB	
		ModuleMgrInfo.xml	6/4/2018 3:56 PM	XML File	20 KB	
		pre-task-list-sample.txt	5/29/2018 4:17 PM	TXT File	1 KB	
		🚳 runApp.bat	5/29/2018 4:17 PM	Windows Batch File	3 KB	
		🚳 runApp_cw.bat	5/29/2018 4:17 PM	Windows Batch File	1 KB	
		🚳 runEditor.bat	5/29/2018 4:17 PM	Windows Batch File	1 KB	
		🚳 runEditor_cw.bat	5/29/2018 4:17 PM	Windows Batch File	1 KB	
		👔 runEditor_cw.bat - Shortcut	6/4/2018 5:07 PM	Shortcut	2 KB	

2. Create a shortcut from the **runApp_cw.bat** file

- 3. Right-click the created shortcut and select Properties
- 4. Append a space and then the following to the end of the Target field: 1024 com.apelon.apps.dts.kbimport.gui.KbImportGui com.apelon.apps.dts.kbimport.gui.WelcomeWizardPanel com.apelon.dts.db.admin.config.DBContentMgrConfig

5. Select **Apply** and then **OK**

🔊 runEditor_cw.bat - Shortcut Properties						
Compatibility	Security	Details	Previous \	/ersions		
General Sho	ortcut Optio	ns Font	Layout	Colors		
runEditor_cw.bat - Shortcut						
Target type:	Windows Batch	n File				
Target location:	bin					
Target:	.apelon.dts.db	.admin.config.D	BContentMgr	Config		
Start in: Shortcut key:	"C:\Program Files\Apelon DTS 4.6.1-838\bin" None					
Run:	Normal window	/		•		
Comment:						
Open File Lo	cation Ch	ange Icon	Advance			
	ОК	Ca	ncel	Apply		

- 6. Rename the shortcut to "Subscription Import Wizard"
- Copy the Subscription Import Wizard shortcut to the following folder to add it to the Apelon DTS 4.X.X folder in the Start Menu.

The process of using the Subscription Import Wizard is straightforward. On each screen, please do the following:

1. Select your database type

* DTS	DTS Subscription Import Wizard 📃 🗖 🗙				
Welcome to the DTS Subscription Import Wizard.	This wizard helps you import new subscription data into your DTS Knowledgebase Please select the database type you are using: Orade SQL Server MySQL				
	Back Next Einich				
Cancel Help	Back Next Finish				

2. Enter the connection parameters for accessing your DTS Knowledgebase

*	DTS Sul	oscription Import Wizard	_ 🗆 X				
Enter Conn Create a data	Enter Connection Parameters Create a database connection.						
Please en	Please enter the connection parameters to your knowledgebase:						
	User	dts4					
	Password:	••••					
	host:	localhost					
	Port:	1521					
	Instance:	ORCL					
	Driver:	oracle.jdbc.driver.OracleDriver					
		Use these values as default.					
Cancel Help)	Back	Next Finish				

Navigate to the directory where the Subscription Content zip file was downloaded to

 Check the Check if you have zip files to unzip checkbox, and select Add Zip File

K DTS Subscripti	ion Import Wizard 📃 🗖 🗙				
Download File Location Where is the download file?					
Please enter the directory location of	or browse:				
C:\Program Files\Apelon DTS 4.7.0\bin	Browse				
C:\Program Files\Apelon DTS 4.7.0\5190_full_v4_2018.09.14_bin.zip					
	Add Zip File Remove Zip File				
Cancel Help	Back Next Finish				

- 4. Select **Next** on the following screens to select and confirm the namespace import and proceed with importing your Subscription Namespace
- 5. Upon completion of the import, a window will pop up stating that the 'Wizard completed successfully' and the content will now be available in your DTS Knowledgebase

× DTS	Subscription Import Wizard	_ 🗆 X
Import Complete		
Wizard completed successfully.		
Cancel Help	Back	Next Finish