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DTS 4: Bringing Data Into DTS

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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.

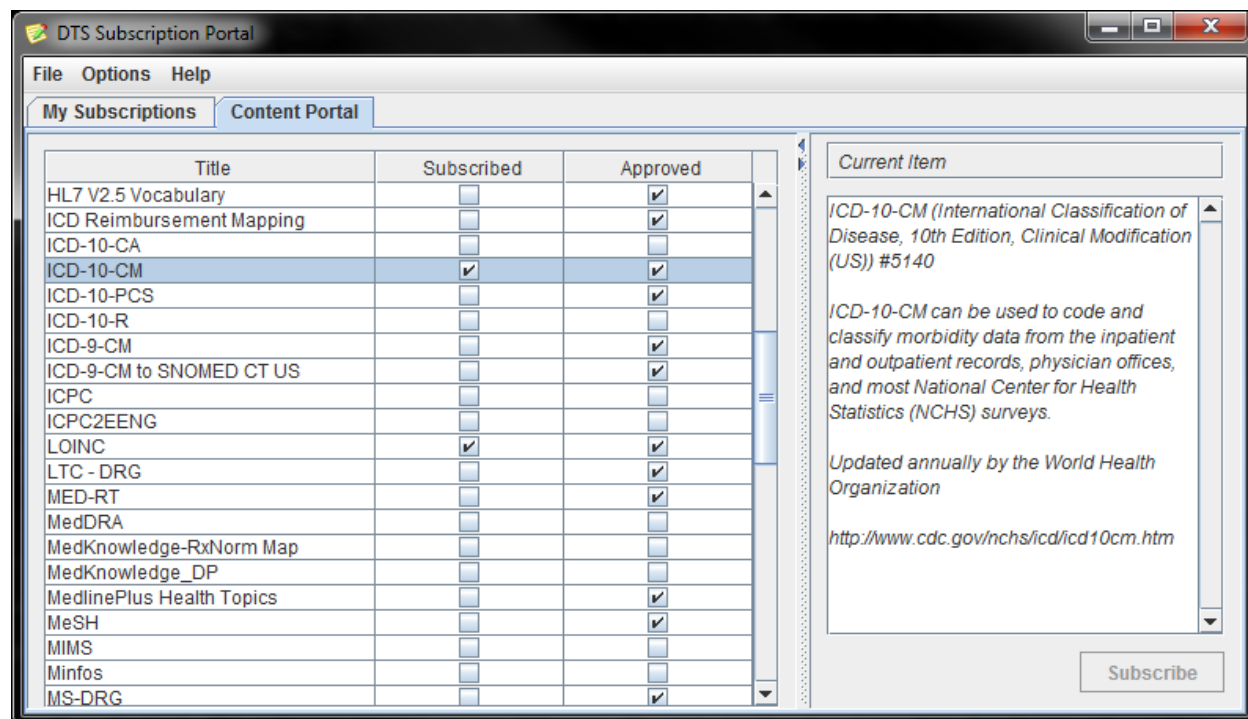
B. Tools for Importing Data into DTS

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.

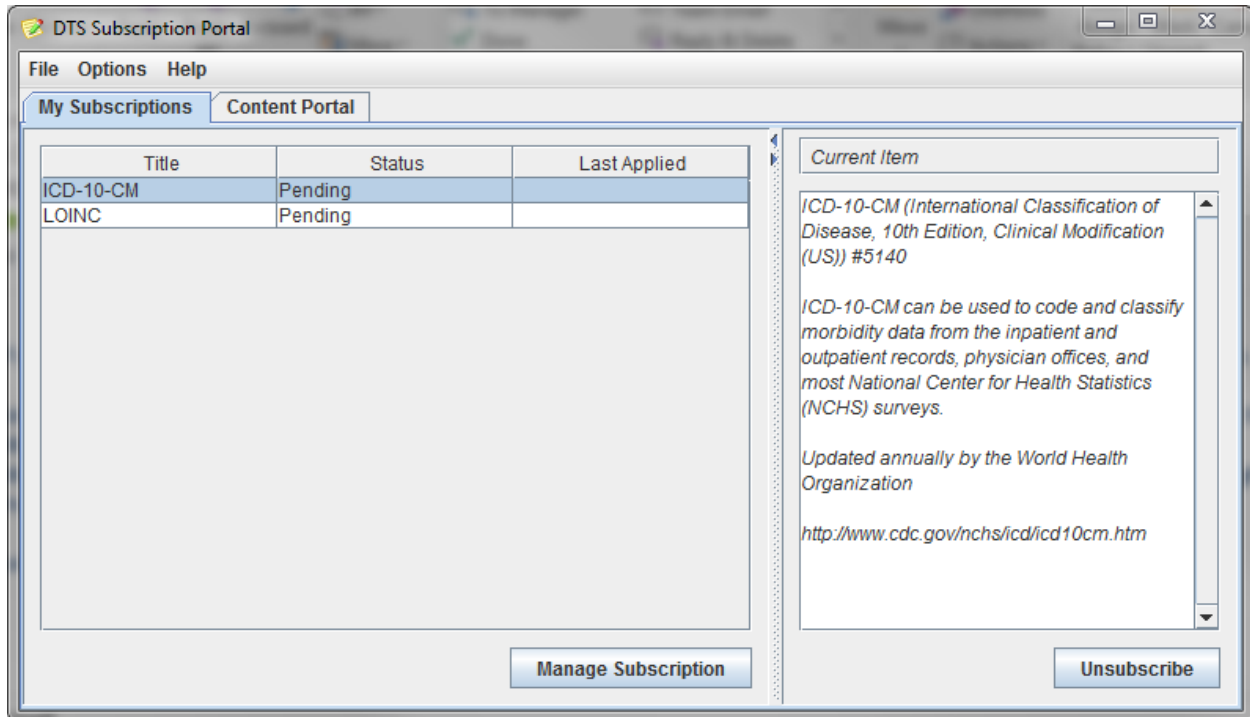
The DTS Distribution Client is configured to connect to your DTS Knowledgebase, download Subscription Content package files from the DTS Distribution Gateway, and apply the files to the DTS Knowledgebase.

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



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



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.

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The screenshot shows the 'Content Subscription Manager' window. At the top, there's a 'Subscription Name' field with the value 'ICD-10-CM'. Below it is a 'Last Applied' field and an 'Auto-Approve future updates' checkbox. The main area is divided into two panes. The left pane, titled 'Package Files:', contains a table with three columns: 'File Name', 'Publish Date', and 'Status'. It lists two files: '5140_full_v4_2018.1.17AA_bin.zip' with a publish date of '06/23/2017' and status 'Approved', and '5140_diff_v4_2019.1.18AA_bin.zip' with a publish date of '06/14/2018' and status 'Pending'. The right pane, titled 'Content Description:', shows details for the selected file, including 'Namespace ID 5140', 'Version ID 201801', 'Version Name 2018.1.17AA', 'Version Date 2017-10-01 00:00:00.0', 'Publish Date: 06/23/2017', 'Received Date: 06/05/2018', and 'Applied Date:'. At the bottom, there are buttons for 'Reports', 'Approve', 'Pending', and 'Close'.

File Name	Publish Date	Status
5140_full_v4_2018.1.17AA_bin.zip	06/23/2017	Approved
5140_diff_v4_2019.1.18AA_bin.zip	06/14/2018	Pending

Content Description:

Namespace ID 5140
- Version ID 201801
- Version Name 2018.1.17AA
- Version Date 2017-10-01 00:00:00.0

Publish Date: 06/23/2017
Received Date: 06/05/2018
Applied Date:

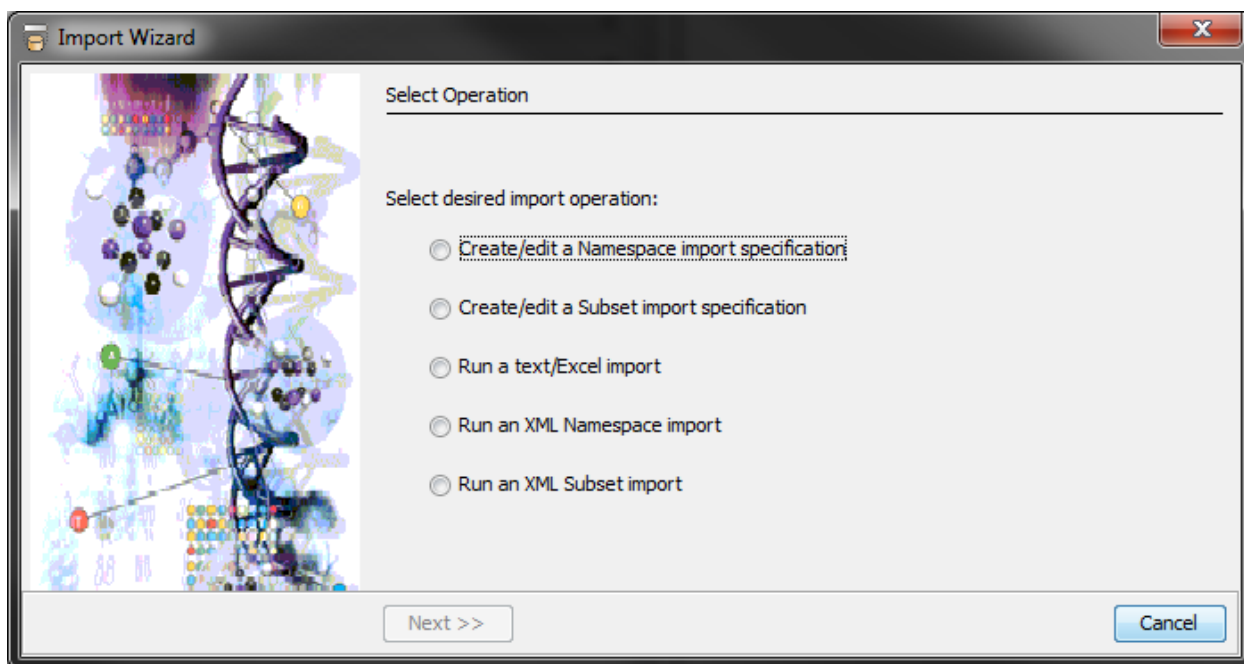
The Status will change to 'Processing' while the content is loading. When the package apply process is complete, the 'Status' will change to 'Applied'. At this point, the content will be available in your DTS Knowledgebase.

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).

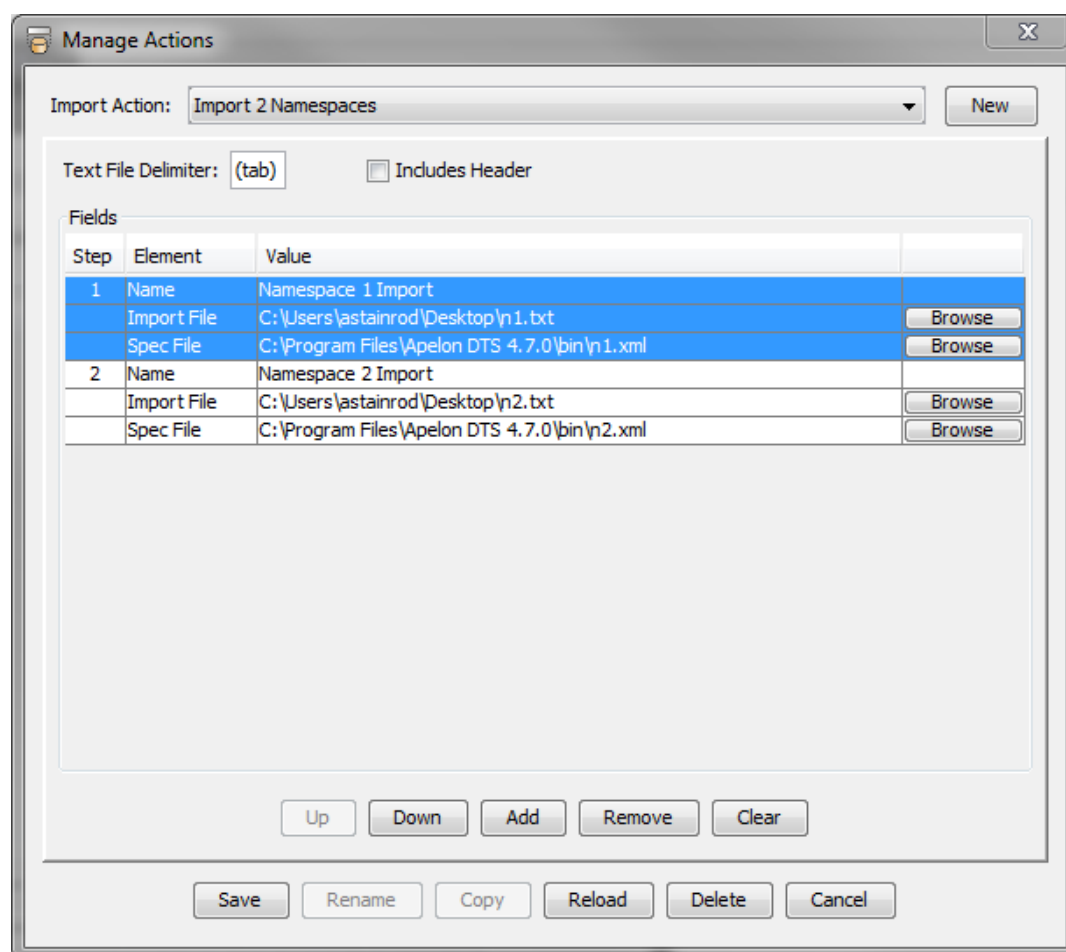
The Import Wizard plug-in can also be ran as a Windows batch file (**DTSImport.bat**), located in the *DTSIntall\bin\importwizard* folder after installing it via the DTS Editor Module Manager. This method may be preferable because it may reduce load time by avoiding DTS Editor GUI overhead.

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.

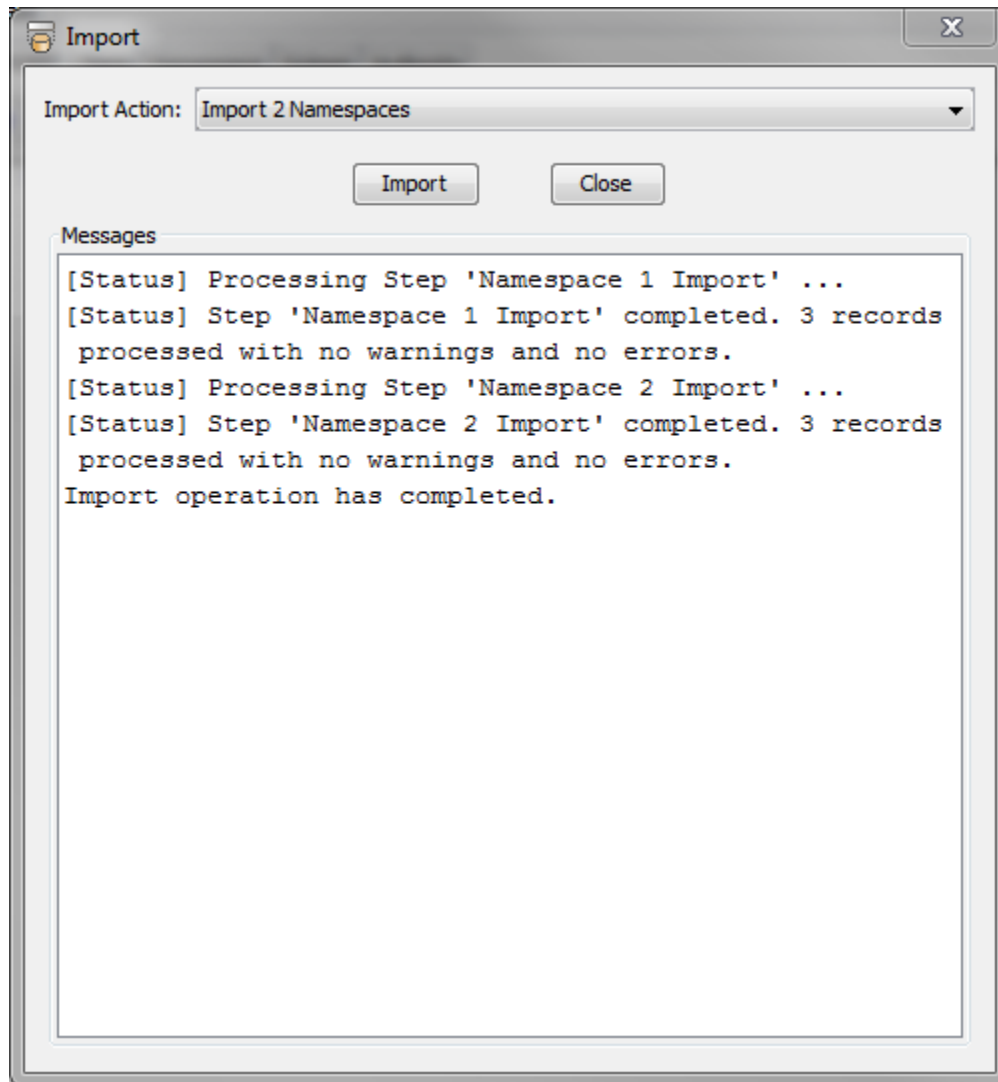
The Import module is useful for batch importing different sets of data into separate DTS Namespaces and Subsets based on specification files defined for the data sets being imported.

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.



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



B.3 Subscription Import Wizard

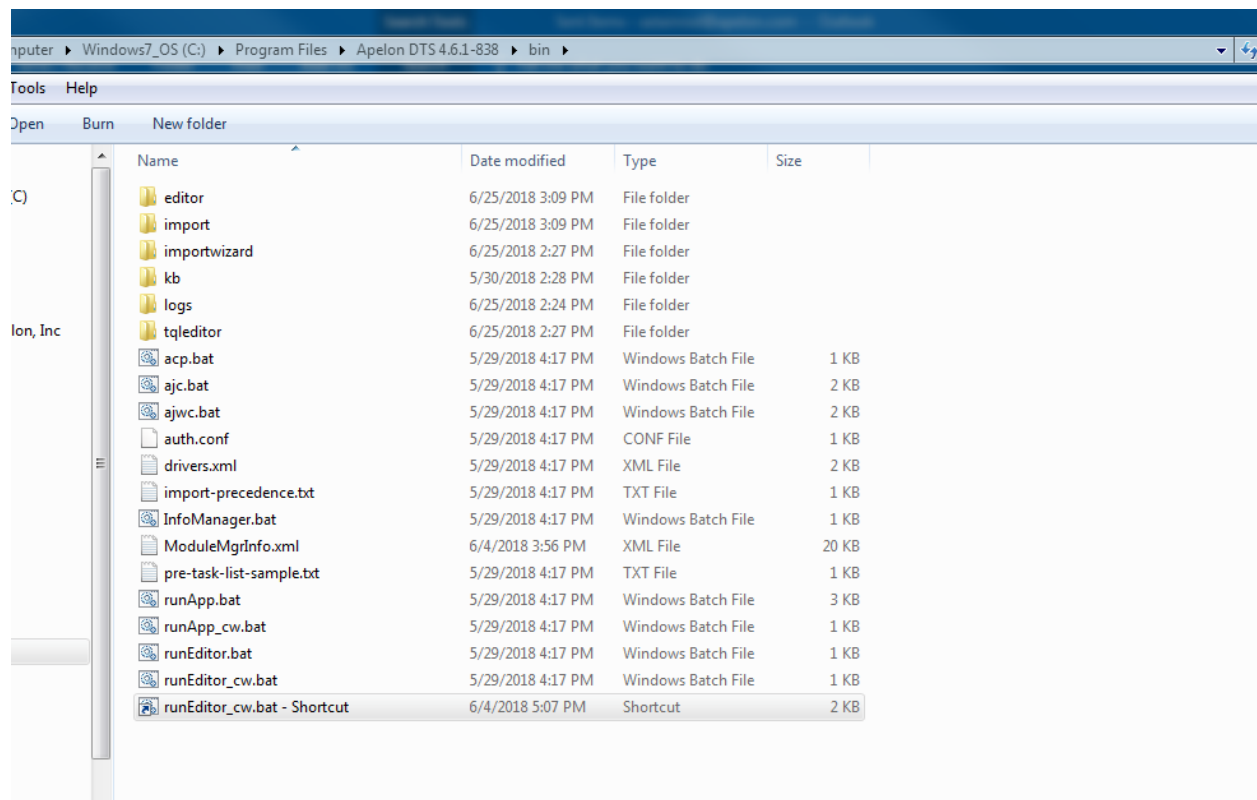
The Subscription Import Wizard is a GUI-based data import tool which guides users through the initial import of Subscription Content. This tool has been officially retired as of DTS 4.5.1 and should only be used for DTS content evaluation and special circumstance purposes only. Diff packages will not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

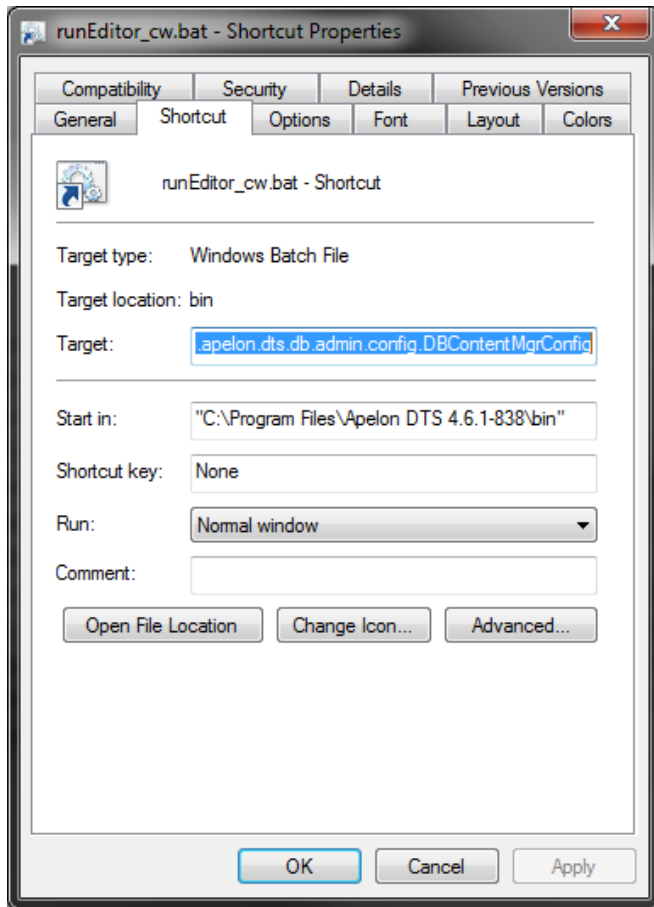
To enable the Subscription Import Wizard and display the option from the DTS folder on the Start Menu:

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



6. Rename the shortcut to “Subscription Import Wizard”
7. 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.
 - a. *C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Apelon DTS xxx*

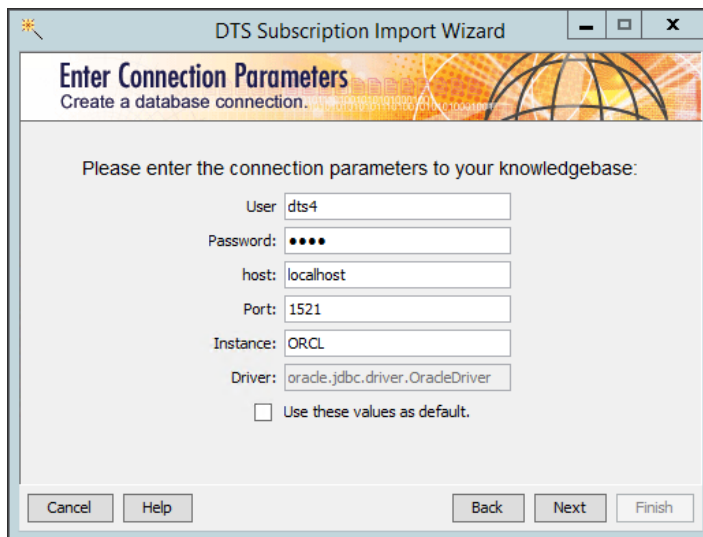
The process of using the Subscription Import Wizard is straightforward. On each screen, please do the following:

1. Select your database type

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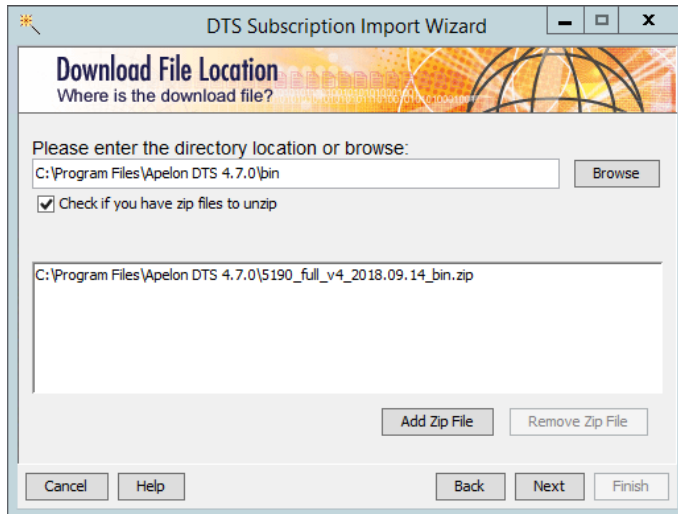


2. Enter the connection parameters for accessing your DTS Knowledgebase



3. Navigate to the directory where the Subscription Content zip file was downloaded to
 - o Check the **Check if you have zip files to unzip** checkbox, and select **Add Zip File**

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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

