

DOC xPress to Database Mapper Migration

Last Modified on 25 May 2021

Update: SentryOne Document is now SolarWinds Database Mapper (DMR). See the [Database Mapper product page](#) to learn more about features and licensing. Want to explore Database Mapper? An [interactive demo environment](#) is available without any signup requirements.

Introduction

SolarWinds Database Mapper replaces the DOC xPress product. The **Import** option in the Database Mapper configuration tool is designed to migrate a DOC xPress metabase to Database Mapper (the cloud or [on-premises software](#) version).

Note: The **Import** option only appears if you have a [compatible version](#) of the Database Mapper configuration tool and are connected to a Database Mapper endpoint that supports the import functionality. This is not available by default for cloud.

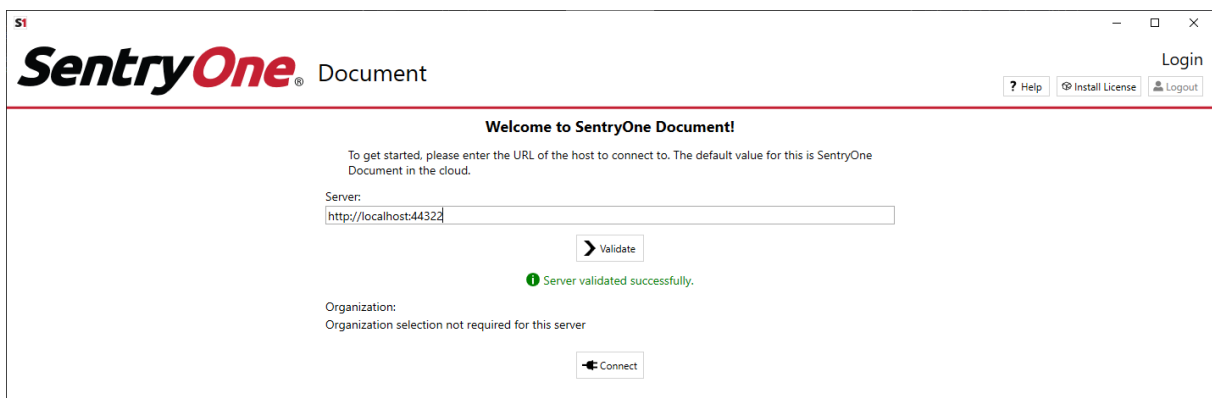
Import Process

Before you can migrate your data from DOC xPress to Database Mapper, you must install and configure a version of Database Mapper ([cloud](#) or [on-premises](#)). The import process uses the installed Database Mapper configuration tool to perform the migration.

1. Open the Database Mapper configuration tool

The Database Mapper configuration tool is installed on-premises for both the cloud and self-hosted versions of Database Mapper. The instructions for the import are essentially the same for either, but you will have different server endpoints.

1. On the **Welcome to Database Mapper!** screen you'll need to enter your **Server URL**.



The screenshot shows the 'Welcome to SentryOne Document!' screen. At the top left is the 'SentryOne Document' logo. On the top right are buttons for '? Help', 'Install License', and 'Logout'. The main content area has the heading 'Welcome to SentryOne Document!' followed by the instruction: 'To get started, please enter the URL of the host to connect to. The default value for this is SentryOne Document in the cloud.' Below this is a 'Server:' label and a text input field containing 'http://localhost:4432'. To the right of the input field is a 'Validate' button. Below the input field is a green status message: 'Server validated successfully.' Below that is an 'Organization:' label and the text 'Organization selection not required for this server'. At the bottom of the form is a 'Connect' button.

Note: The **Server** value defaults to the cloud server (<https://document.sentryone.com>). If you

are using the self-hosted version, you'll need to use your hosted server URL. In these instructions, we're using the self-hosted version with a **Server** value of .

2. Select **Validate** to test the connection. A **Server validated successfully** message appears.
3. Select **Connect** to open the **Solutions** screen.

2. Import

The **Import** allows you to choose a DOC xPress metabase to migrate to Database Mapper, as well as how much of the snapshot history you would like to include. Data is prepared on the machine running the configuration tool, then it is sent to the server hosting Database Mapper for additional processing.

1. Select the **Import** button on the **Solutions** screen to get started.



2. On the **Import** screen, enter the **Server name** for your existing DOC xPress database, select a **Security mode** for the connection, select a **Database**, and then select **Connect to DOC xPress Metabase** to continue.

Back

Import

Import allows you to import data from an existing DOC xPress or DOC xPress Server installation to make it available for use with SentryOne Document.

You will be able to choose how much of your snapshot history to import, and your Lineage and Data Dictionary data will also be imported. After some preparation on this computer, data will be sent to the SentryOne Document host system for further processing.

To begin, you need to specify the connection details to the DOC xPress metabase:

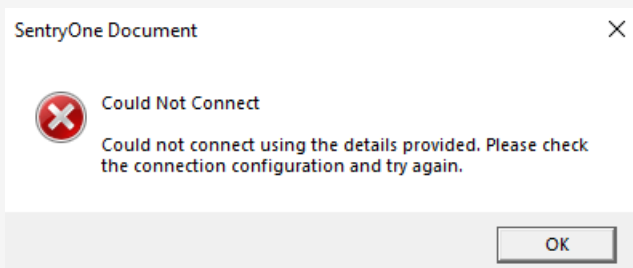
Server name: localhost
Find local SQL Server instances
Security mode: Integrated security
SQL Server security
Database: DocxPress

Connect to DOC xPress Metabase

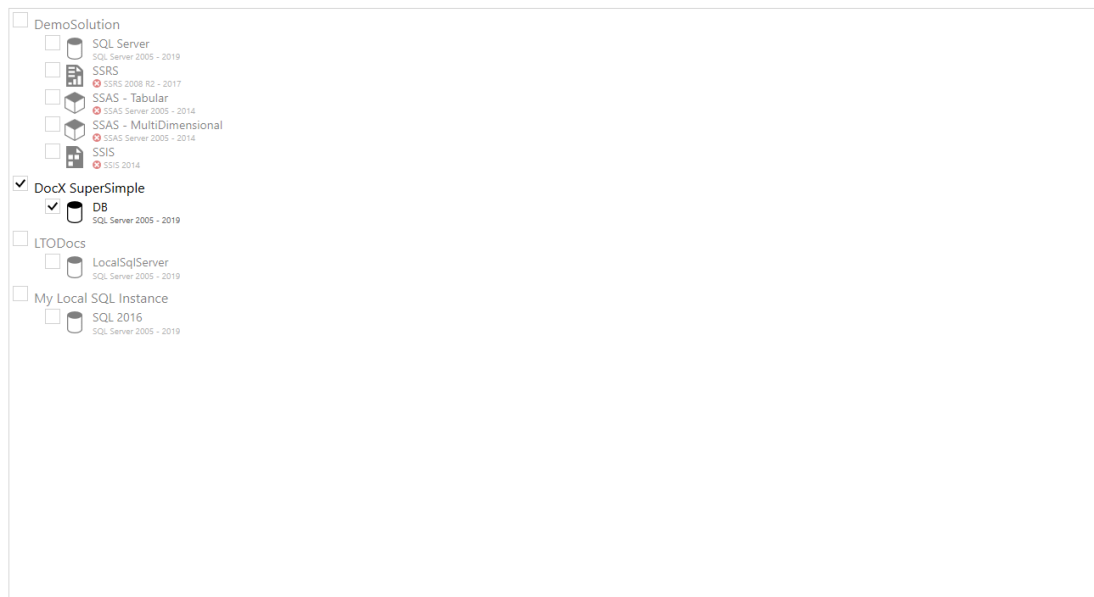
Connect to a DOC xPress Metabase in order to import data into SentryOne Document

Note: The default database is typically named DOCxPress.

If you select something that is not a DOC xPress metabase you will see a **Could Not Connect** popup error.

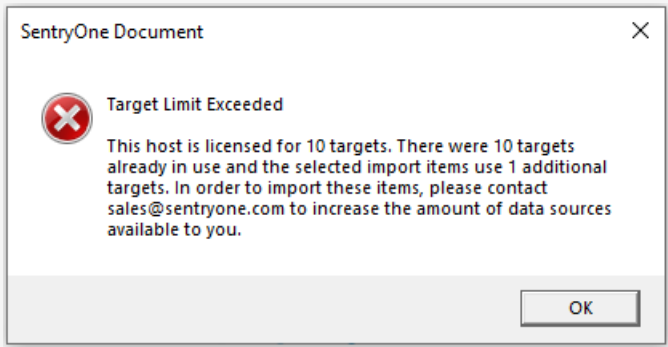


- On the **Select solutions to import** screen you will see a list of the available solutions and solution items from your DOC xPress database. Select the solutions that you would like to import by checking the boxes next to them. Select **Next** to continue.



Note: By default, selecting a solution will select all the associated solution items listed, however, you can deselect any items that you do not want to import into Database Mapper.

Note: The **Import** checks your licensing to verify how many data sources you are licensed for. If you select more data sources than you are licensed for, you will receive a **Target Limit Exceeded** popup message.



4. On the **Configure data range for import** screen, make a selection for the time range that you want to import snapshots into Database Mapper. Only snapshots from the time range you select will be imported.

Import Time Range

Select the time range that you want to import to SentryOne Document. Snapshots from this time range will be imported.

- Full
- Latest only
- Last month
- Last six months
- Last year
- Snapshots after
- None (Import configuration only)


Cancel

Start

Note: There's also an option called **None** to import only the the configuration. This provides a fresh start with the solution to start taking snapshots in Database Mapper without importing the historical data.

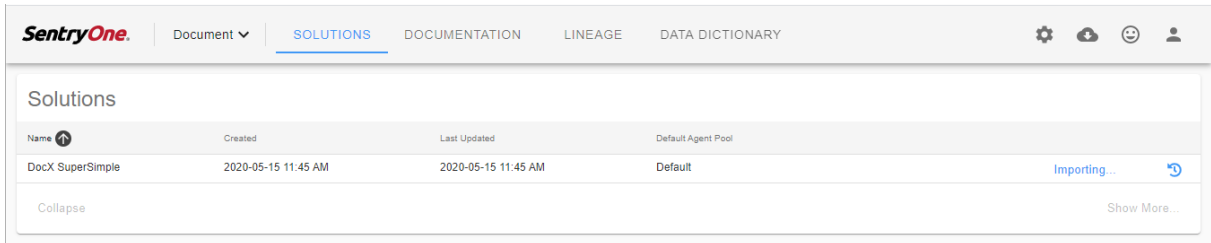
Important: Depending on how much history you have in your DOC xPress metabase, the **Full** option could take a significant amount of time to migrate.

5. Select **Start** to begin the migration. A screen appears to show you the progress of the data as it is prepared for the transfer.
6. A green check mark and **Preparation completed successfully** message indicates that the data has been taken from DOC xPress and the files have been generated and uploaded to Database Mapper. When the preparation step completes, you have the option to **Save Log** (save a file of the messages from the preparation process) or **Close** the screen.

<pre> INFO Converting data for solution 'DocX SuperSimple'... INFO Getting snapshot data for solution 'DocX SuperSimple'... INFO Initializing data dictionary register for solution 'DocX SuperSimple'... INFO Converting state chain for item 'DB...' INFO Exporting data dictionary entries for item 'DB...' ERROR Could not get 'Collation' property from object with path '/'; assuming case-insensitive. INFO Building object columns... INFO Scanning database 'SuperSimpleDB'... INFO Creating endpoints... INFO Scanning table 'dbo.ChinTable' (1 of 10)... INFO Scanning table 'dbo.Feb2020Table' (2 of 10)... INFO Scanning table 'dbo.Feb2020TableNumber2' (3 of 10)... INFO Scanning table 'dbo.May2019Table' (4 of 10)... INFO Scanning table 'dbo.NewChild' (5 of 10)... INFO Scanning table 'dbo.NewChild2' (6 of 10)... INFO Scanning table 'dbo.NewParent' (7 of 10)... INFO Scanning table 'dbo.ParentTable' (8 of 10)... INFO Scanning table 'dbo.Table_1' (9 of 10)... INFO Scanning table 'dbo.TenantRegistryTest1' (10 of 10)... INFO Scanning procedure 'dbo.Sproc1' (1 of 2)... INFO Scanning procedure 'dbo.WideTableSpec' (2 of 2)... INFO Scanning foreign keys... INFO Complete. INFO Creating dependency view... INFO Creating graph... INFO Preparing graph data... INFO Writing graph data... INFO Loading lookups... INFO Loading templates... INFO Loading structure maps... INFO Initializing lineage provider... INFO Initializing data dictionary register... INFO Applying document structure... INFO Document page count: 71 INFO Rendering... INFO Rendering content for solution item 'DE...' </pre> <p>Generating content (1/1).</p> <p style="text-align: center;">Uploading data...</p>	<div style="text-align: center;">  <p>Preparation completed successfully.</p> </div> <p>The host will now process the snapshots, documentation, lineage and data dictionary data to allow it to be accessed through the Web UI, depending on your license level.</p> <p>To view the progress of your solution imports, please log in to the SentryOne Document web portal.</p> <p>Solutions migrated: 1 Solution items migrated: 1</p> <p>Save Log</p> <p>Close</p> <p style="text-align: center;">Preparation completed successfully</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Note: If your import fails, see the [Failures](#) section at the end of this article.

- Open Database Mapper in a browser. You'll see that the solution has a status of **Importing...** while Database mapper processes the data that has been uploaded. You may need to hit refresh.

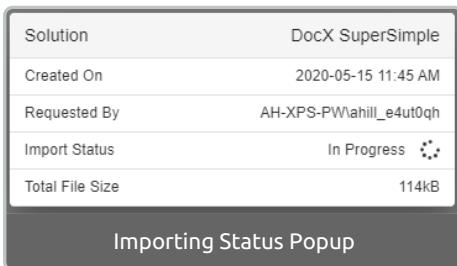


Name	Created	Last Updated	Default Agent Pool	
DocX SuperSimple	2020-05-15 11:45 AM	2020-05-15 11:45 AM	Default	Importing...

3. Import Status

While DOC xPress maintains a history of the snapshots, it does not maintain a history of the documentation at each of those points in time the way Database Mapper does. Database Mapper needs to generate all the documentation at each point in time from the data that is being migrated, as well as generate lineage if the [licensing level](#) allows for it.

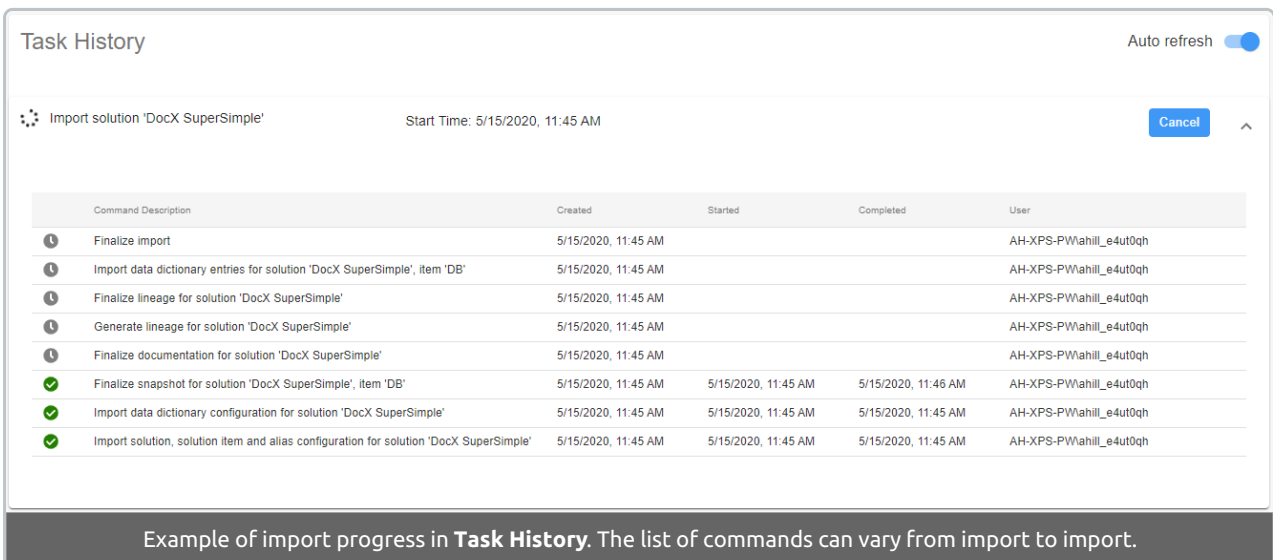
Within the Database Mapper web portal, you can select the **Importing...** status to view a high-level summary about the status (e.g. when the import was created, who requested it, the current status, and total file size).



Solution	DocX SuperSimple
Created On	2020-05-15 11:45 AM
Requested By	AH-XPS-PW\ahill_e4ut0qh
Import Status	In Progress
Total File Size	114kB

Importing Status Popup

You can also select the **Task History** button to view additional details. Task History will display all the steps that have been completed and all the steps that have yet to complete. There's also a **Cancel** option available on the **Task History** screen if you would like to cancel the import.



Command Description	Created	Started	Completed	User
Finalize import	5/15/2020, 11:45 AM			AH-XPS-PW\ahill_e4ut0qh
Import data dictionary entries for solution 'DocX SuperSimple', item 'DB'	5/15/2020, 11:45 AM			AH-XPS-PW\ahill_e4ut0qh
Finalize lineage for solution 'DocX SuperSimple'	5/15/2020, 11:45 AM			AH-XPS-PW\ahill_e4ut0qh
Generate lineage for solution 'DocX SuperSimple'	5/15/2020, 11:45 AM			AH-XPS-PW\ahill_e4ut0qh
Finalize documentation for solution 'DocX SuperSimple'	5/15/2020, 11:45 AM			AH-XPS-PW\ahill_e4ut0qh
Finalize snapshot for solution 'DocX SuperSimple', item 'DB'	5/15/2020, 11:45 AM	5/15/2020, 11:45 AM	5/15/2020, 11:46 AM	AH-XPS-PW\ahill_e4ut0qh
Import data dictionary configuration for solution 'DocX SuperSimple'	5/15/2020, 11:45 AM	5/15/2020, 11:45 AM	5/15/2020, 11:45 AM	AH-XPS-PW\ahill_e4ut0qh
Import solution, solution item and alias configuration for solution 'DocX SuperSimple'	5/15/2020, 11:45 AM	5/15/2020, 11:45 AM	5/15/2020, 11:45 AM	AH-XPS-PW\ahill_e4ut0qh

Example of import progress in **Task History**. The list of commands can vary from import to import.

Note:

- The **Generate lineage for solution** and **Finalize lineage for solution** steps will only display if your licensing level includes [lineage analysis](#).
- These lineage steps require at least one [remote agent](#) running in the default agent pool. The lineage steps above will not complete until you have a remote agent running.

4. Import Complete

Once the import process is complete, you will have all the Database Mapper features available with your licensing for that solution.

Name	Created	Last Updated	Default Agent Pool
DocX SuperSimple	2020-05-15 11:45 AM	2020-05-15 11:45 AM	Default

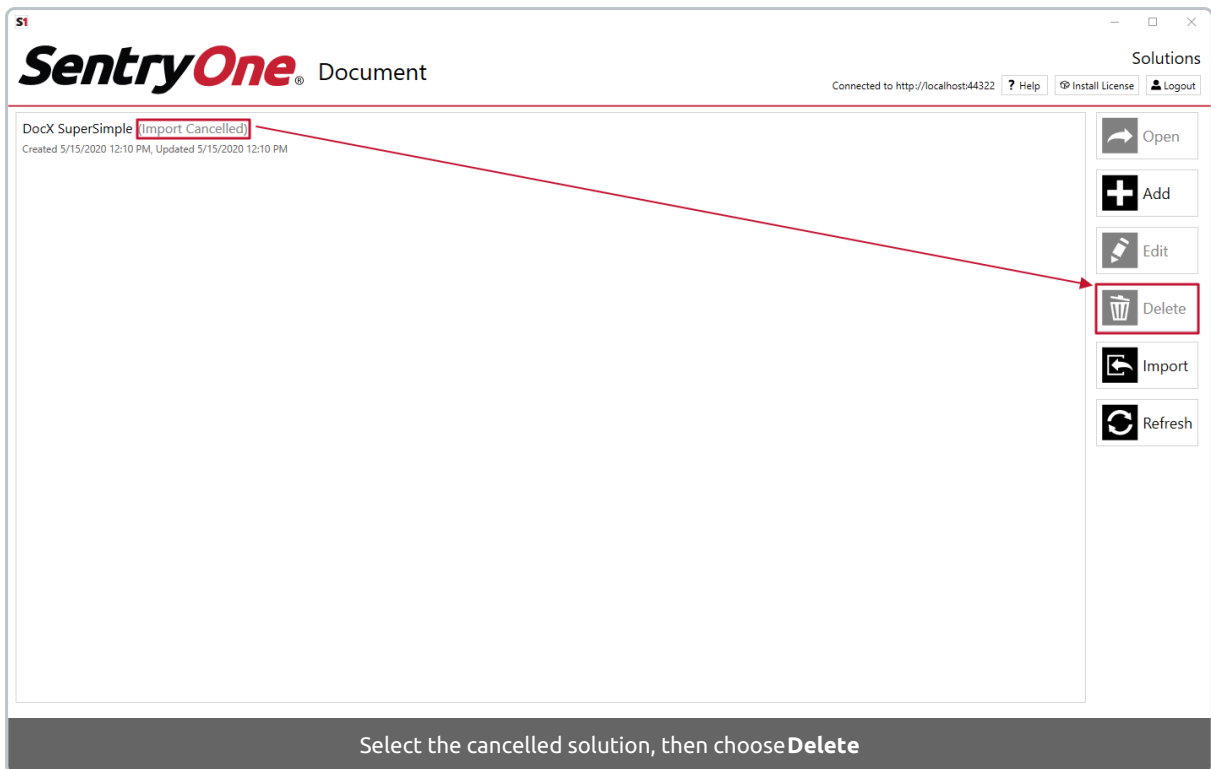
Once the import completes, the Database Mapper feature options are available for the solution

Success: You have migrated from DOC xPress to Database Mapper! Check out the [Using Database Mapper](#) articles to start exploring all the features.

Cancelling an Import

If you changed your mind about what you are importing while it is in progress (i.e. you selected more history than you need and the migration is taking longer than expected):

1. Select **Cancel** from the **Task History** page.
2. Go to the **Database Mapper configuration tool**, select the solution you have canceled, then select **Delete**.



Note: A cancelled import will show a solution in an **Import Cancelled** status in the web portal. The data deletion in the Database Mapper web portal is asynchronous and will be deleted in the background. There is no status displayed for this process. Attempting to import again right away may cause an error if the solution has not been fully deleted from Database Mapper.

Solutions				
Name	Created	Last Updated	Default Agent Pool	
DocX SuperSimple	2020-05-15 12:10 PM	2020-05-15 12:10 PM	Default	Import Cancelled
Collapse				Show More...

Example of a cancelled solution

Solution	DocX SuperSimple
Created On	2020-05-15 12:10 PM
Requested By	AH-XPS-PW\ahill_e4ut0qh
Import Status	Import Cancelled
Total File Size	114kB

Example of cancelled solution details

3. You can set up the import again by following the [Import process instructions](#), if needed.

Previously imported solutions

To prevent importing the same solution multiple times, you will see solutions listed under the **Previously imported solutions** section in the **Solution Configuration Tool** if you open it again after doing an import.

Previously imported solutions

- DocX SuperSimple
 - DB

Troubleshooting

Failures

If an import fails during the **Solution Configuration Tool Preparation** (step 6 from [Import](#)), you will see:

Process failed.

Save Log

Close

If this happens, select **Save Log** to view the log output.

If an import fails after the preparation and file upload (step 6 from [Import](#) completed successfully), you will

see an **Import Failed** status message next to the solution.

Solutions				
Name	Created	Last Updated	Default Agent Pool	
DocX SuperSimple	2020-05-15 11:57 AM	2020-05-15 11:57 AM	Default	Import Failed

Collapse Show More...

Select **Import Failed** to see more details in the popup.

Solution	DocX SuperSimple
Created On	2020-05-15 11:57 AM
Requested By	AH-XPS-PW\ahill_e4ut0qh
Import Status	Import Failed
Total File Size	114kB

Select **Task History** to see which steps failed.

Refresh the solutions list in the **Solution Configuration Tool** to check for the the **Import Failed** status.

The screenshot shows the SentryOne interface. At the top left is the SentryOne logo and 'Document'. At the top right, it says 'Solutions' and 'Connected to http://localhost:44322'. Below this, there is a list of solutions. One solution, 'DocX SuperSimple', has a status of '(Import Failed)'. A red arrow points from the 'Refresh' button in the right-hand menu to the '(Import Failed)' status. The right-hand menu contains buttons for Open, Add, Edit, Delete, Import, and Refresh. The Refresh button is highlighted with a red box.

View the log files for more information, particularly the **API.log** file, as described in the [Database Mapper Troubleshooting](#) article.