

Ellie integration

This is a guide for installing the Ellie Integration Enablement Pack for WhereScape 3D 8.6.6.0 or higher

Prerequisites

- Python 3.8 or higher
 - Download python installer from <https://www.python.org/downloads/>
 - Select "Add Python 3.x to PATH" from installation Window
- PIP Manager
 - From Command Prompt (Run As Administrator) run below command

```
PIP Manager Install  
  
python -m pip install --upgrade pip
```

Enablement Pack Installation

Installing the Ellie Integration Enablement Pack involves adding the following components to your WhereScape 3D repositories:

- A script for reading data from the Ellie API.
- A new Category for importing Ellie models into.
- A workflow set for use with the Ellie Category.
- Icons

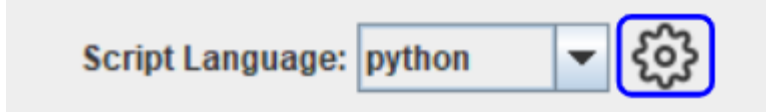
In addition to this some Python libraries will need to be installed and an images folder will be created in the WhereScape 3D installation directory.

The steps required to install the Enablement Pack are:

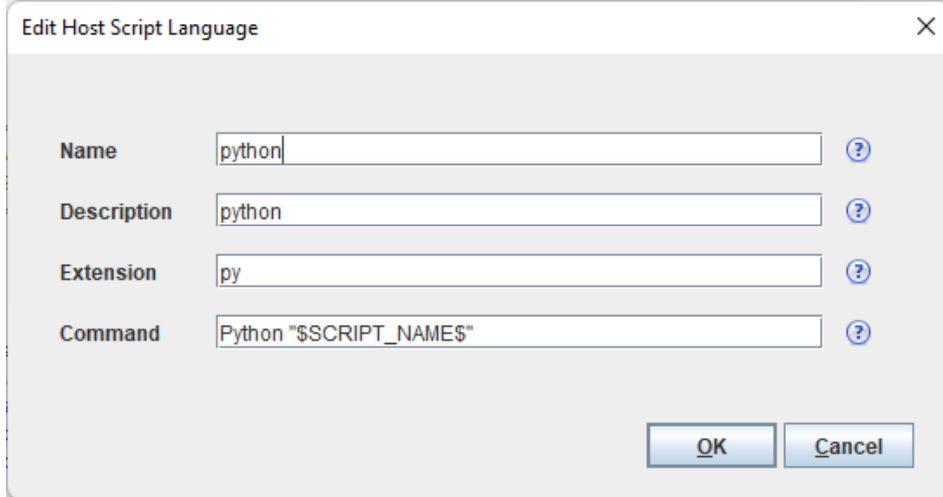
Step	Description
Download the Enablement Pack	The Enablement Pack files should be downloaded from the WhereScape Enablement Pack site and unzipped.
Execute the Install_WS3D_EP.ps1 script	The Install_WS3D_EP.ps1 script contained in the Enablement Pack folder can be used to add all required components to your existing WhereScape 3D repositories. The script must be run as an administrator. Execute Install Script <Script Location > Powershell -ExecutionPolicy Bypass -File .\Install_WS3D_EP.ps1
Select Repositories	After executing the Install_WS3D_EP.ps1 script you will be prompted to select which repositories you will want to use the Enablement Pack with. (If WhereScape 3D has not been installed in the default location, you will also be prompted to specify the WhereScape 3D installation directory).

Specify Python command

1. After successful execution of the install script go to Tools Manage templates in WhereScape 3D and view the 'Import_Ellie_Metadata' script.
2. Click on the settings icon in the top right hand corner of the screen.



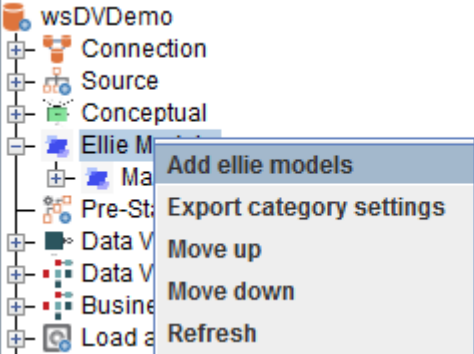
3. Ensure that the file extension and command are set correctly, as per the screen shot below.



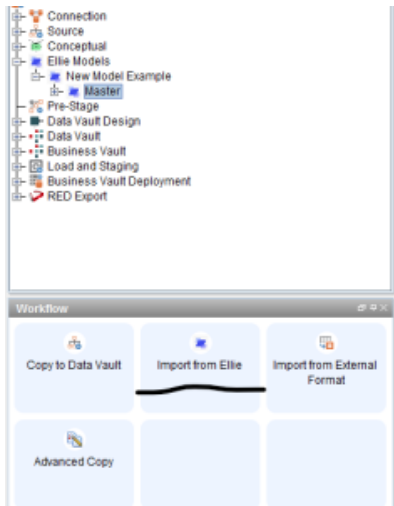
Enablement Pack download

- <https://www.wherescape.com/support/software-downloads-documentation/enablement-packs/>

Steps to import Ellie models

Step	Description
Add Ellie Model	 <p>Right click on the new Ellie Model category</p> <p>Select Add ellie models</p> <p>Create Model and Version</p>

Import from Ellie

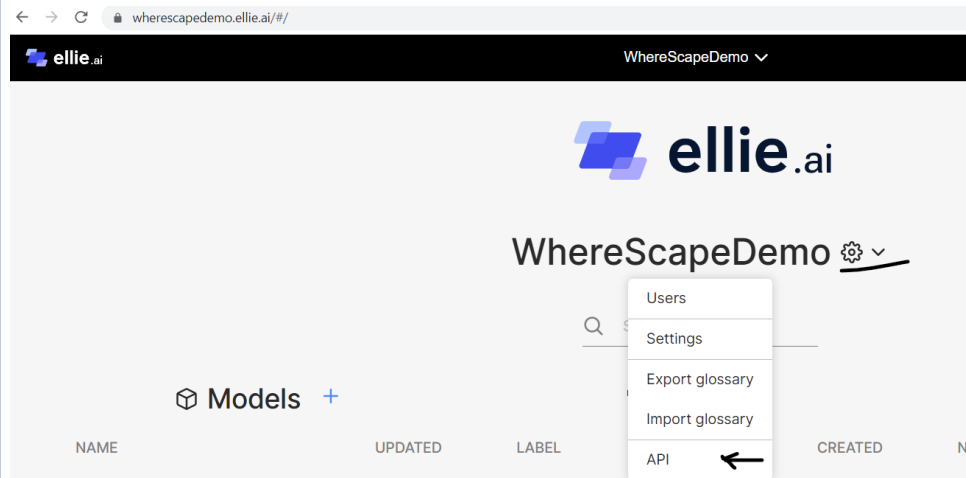


Select version just created

Select Workflow button Import from Ellie

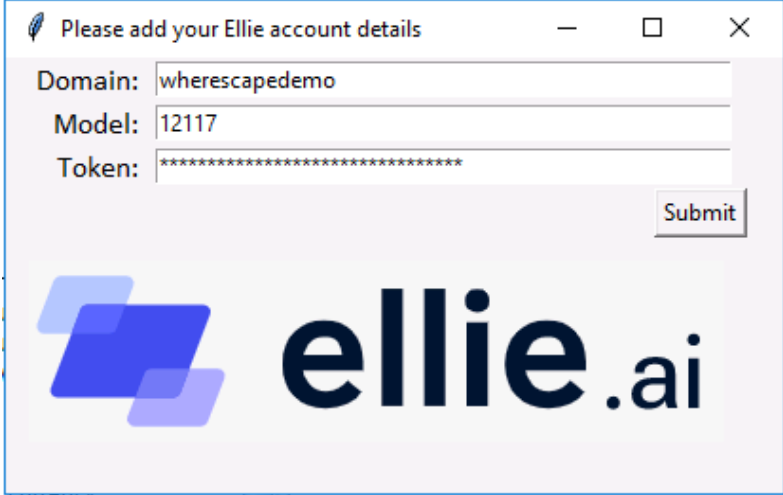
Add Ellie Account details

First make sure you have all your Ellie account details



In your Ellie account you can view the API details under settings API (including fetching or generating a new API token)

Once you have selected the **Import from Ellie** button, the following popup will appear for you to add you account details

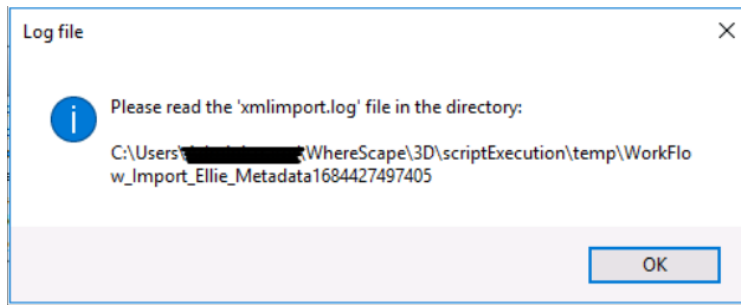
A screenshot of a modal window titled 'Please add your Ellie account details'. The form contains three input fields: 'Domain:' with the value 'wherescapedemo', 'Model:' with the value '12117', and 'Token:' with a masked value of '*****'. A 'Submit' button is located at the bottom right of the form. The Ellie.ai logo is displayed at the bottom of the modal.

Add your Ellie Domain name (e.g. wherescapedemo)

Add the model number you would like to import

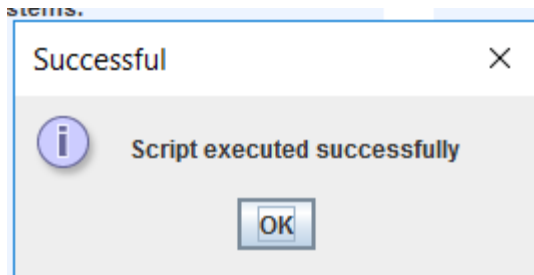
Add the Token of your Ellie account

Script successful



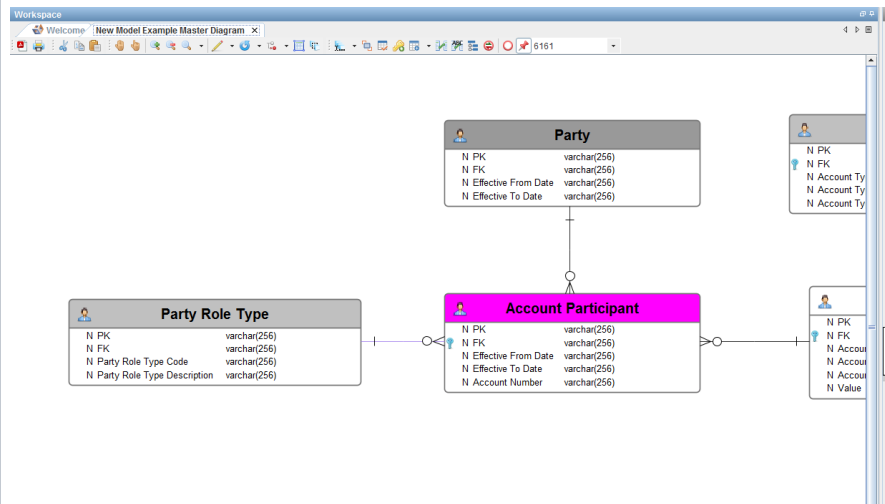
This popup is informational only, however, if there was an error in the import, all logging for the WhereScape 3D CLI command is placed into this file

Once you selected **ok** the following popup will appear if there were no other errors



View results

Refresh and Display result



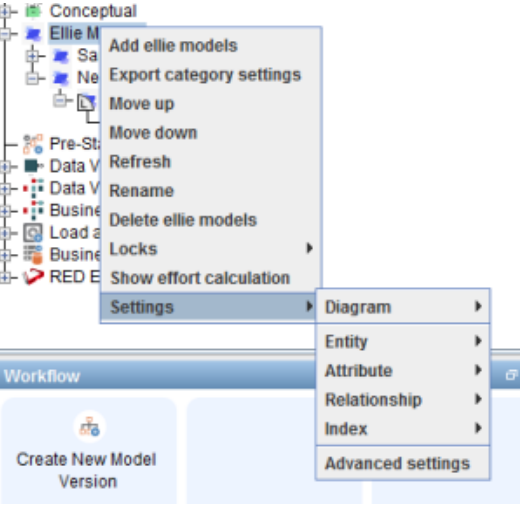
As with all other workflow scripts, if there are errors the logging will appear under:

C:\Users\<USER>\WhereScape\3D\scriptExecution\temp

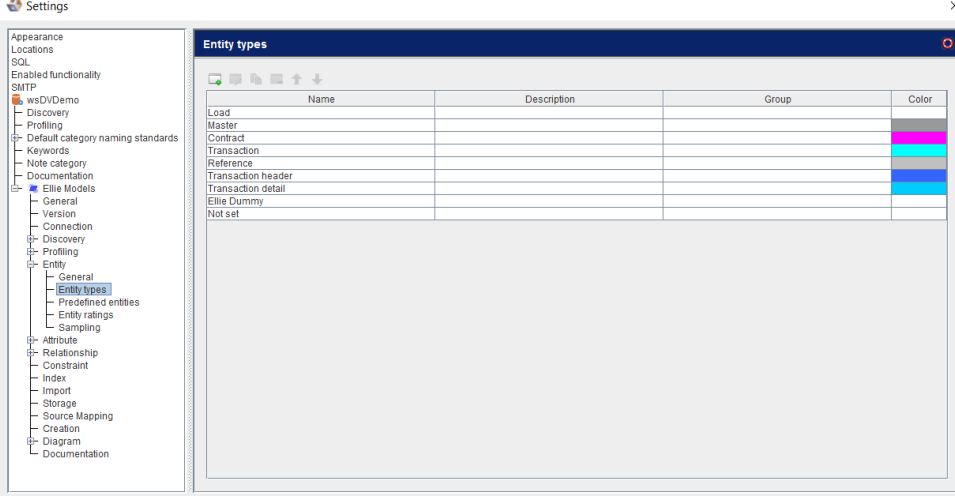
The files that you can expect to always appear in these folders are:

- api.json
 - The Ellie API JSON response
- output.xml
 - The constructed WhereScape XML that gets automatically imported
- xmlimport.log
 - The CLI log for the import of the file

Other notes

Step	Description
Navigate to advanced settings	 <p>The screenshot shows a tree view on the left with 'Ellie M' selected. A context menu is open over it, listing actions like 'Add ellie models', 'Export category settings', 'Move up', 'Move down', 'Refresh', 'Rename', 'Delete ellie models', 'Locks', and 'Show effort calculation'. The 'Settings' option is highlighted, and a sub-menu is open showing 'Diagram', 'Entity', 'Attribute', 'Relationship', 'Index', and 'Advanced settings'.</p>

The colours are not imported into WhereScape. The color coding needs to be set under **Advanced settings**

Step	Description																																								
Change Entity Types	 <p>The screenshot shows the 'Entity types' configuration window. On the left is a tree view with 'Entity types' selected. The main area is a table with columns: Name, Description, Group, and Color. The table contains the following data:</p> <table border="1" data-bbox="625 850 1372 987"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Group</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>Load</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Master</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Contract</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Transaction</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Reference</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Transaction header</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Transaction detail</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ellie Dummy</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Not set</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Description	Group	Color	Load				Master				Contract				Transaction				Reference				Transaction header				Transaction detail				Ellie Dummy				Not set			
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Entity Types Colour