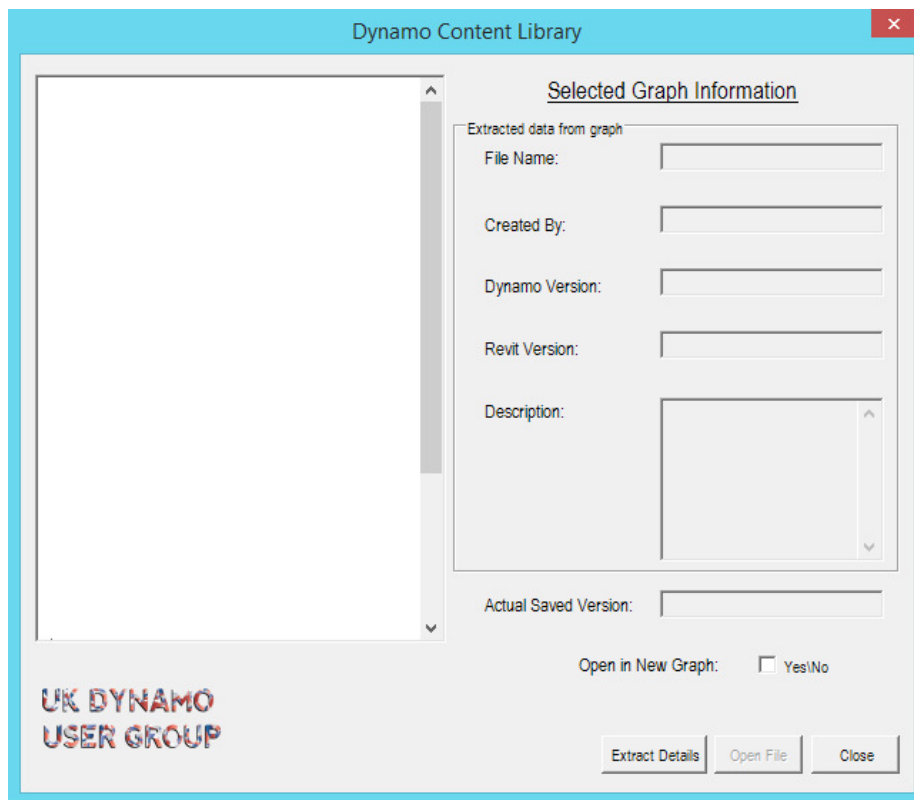


Readme guide for DynaStandard Extension for use in Dynamo.



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Rev: v1.0

Table of Contents

- 1. Introduction..... 1
- 2. Reporting issues or providing feedback 1
- 3. Setup..... 1
- 3.1. Config Setup 2
- 4. Running the Extension..... 3

Rev	Section	Amendment	Date
1.0	Script	First Release	19/02/19

1. Introduction

This Dynamo extension is my first c# project and first attempt at creating a dynamo extension, therefore please be productive in any feedback or issue reporting.

I would like to start of by giving my thanks to the members of the dynamo forum/bloggers for the wealth of information/knowledge that has been posted around the place that helped me get to grips with dynamo extension development.

This Dynamo extension was developed to create a Dynamo content library to help distribute this content to all, have easy access to graph(s) templates and any standard documentation related to dynamo.

Important Note:

- The dynamo extension should be tested prior to any deployment.
- Config file will need to be amended to suit prior to any deployment.

2. Reporting issues or providing feedback

Any errors or feedback about the extension should be reported to the github page below by creating an issue report. Though please follow the provided templates and provide plenty of information related to what you did and what happened plus dynamo versions.

Github page: https://github.com/brencass/DynaStandard_public

3. Setup

To setup the Dynamo extension for use will depend on the version of dynamo you are running. You can either utilise the package manager for dynamo 2.0 and above, though if you are using a dynamo version prior to 2.0 then you will have to utilise the “View extensions” folder method.

View Extensions install:

You will need to extract the “ViewExtensions” version of DynaStandard it into the following folder on the computer “C:\Program Files\Dynamo\Dynamo Core\<Version>\viewExtensions”. Then once this is done you just need to follow the config setup then you are finished for your first run.

Package Manager:

You will need to either install the extension via package manager or by extracting the files from the package folder on the github page into your package folder which is usually “C:\Users\<username>\AppData\Roaming\Dynamo\Dynamo Core\<version>\packages” though do note that if you want to use this addon in dynamo core and in revit then you will

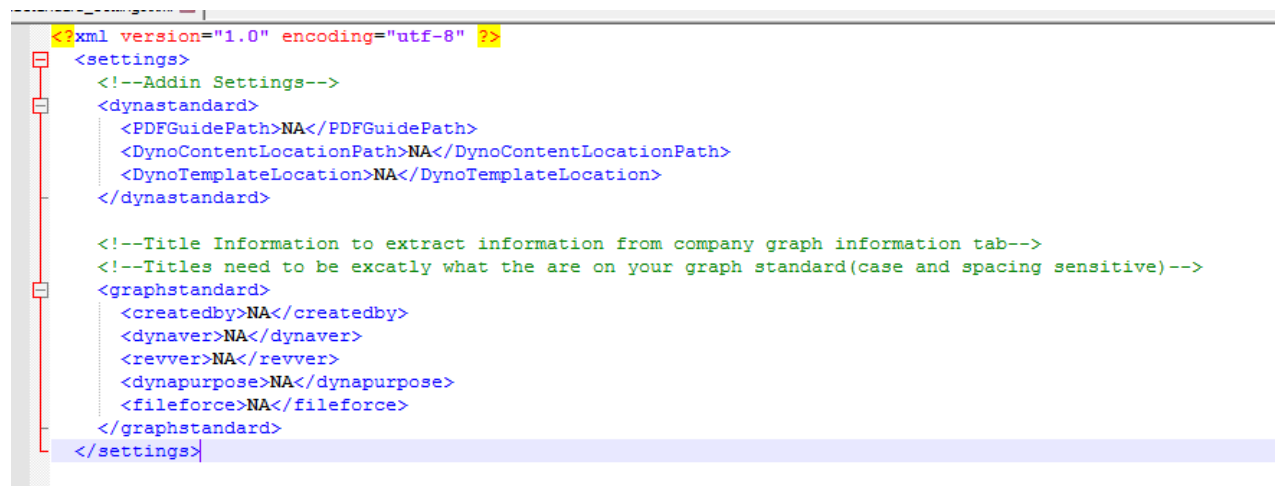
need to follow the same path but choose the “Dynamo Revit” folder instead of “Dynamo Core” folder.

Once you have installed the extension in either of the above it is time to setup the config file that comes with the extension, this will contain all of the relevant file paths for your content that is to be loaded.

3.1.Config Setup

To start off with you will need to find the “DynaStandard_Settings.xml” config file that comes with the extension and open it in notepad or notepad++.

When you open the file you will see the following



There are two main sections within this text which are “dynastandard” and “graphstandard”. The dynastandard section caters for where the extension should look for content, templates and standard document. The graphstandard section is for what word(s) should the extension look for within text notes within your graph contents then extract information into relevant sections on the content library window.

Dyna standard section there is 3 sub sections which are as follows:

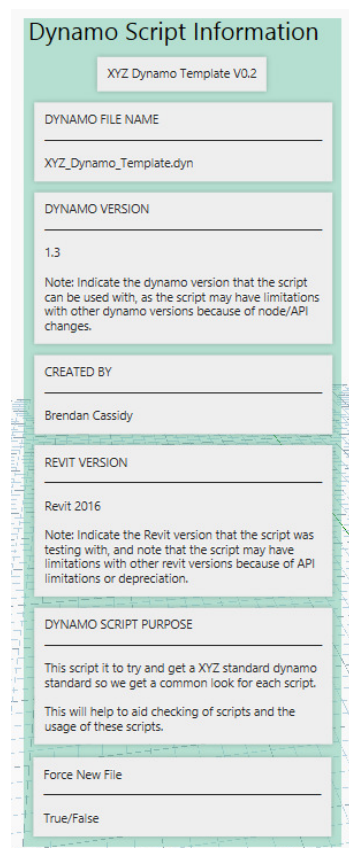
- PDFGuidePath – Path to your pdf file that has your graph standards.
- DynoContentLocationPath – Directory path to the central location of graphs are kept.
- DynoTemplateLocations – Directory path to the central location of graph template files.

Graph Standard sections has 5 sections where you need to fill in the relevant titles from the “Dynamo Script Information” section of your graph/Graph templates with a completed example shown below and how the script information looks within dynamo.

Settings file Example:

```
<!--Title Information to extract information from company graph information tab-->
<!--Titles need to be exactly what they are on your graph standard(case and spacing sensitive)-->
<graphstandard>
  <createdby>Created By</createdby>
  <dynaver>Dynamo Version</dynaver>
  <revver>Revit Version</revver>
  <dynapurpose>Dynamo Script Purpose</dynapurpose>
  <fileforce>Force New File</fileforce>
</graphstandard>
</settings>
```

Graph Example:



Dynamo Script Information

XYZ Dynamo Template V0.2

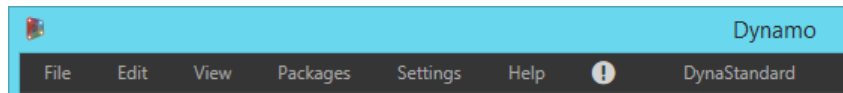
DYNAMO FILE NAME	XYZ_Dynamo_Template.dyn
DYNAMO VERSION	1.3 <small>Note: Indicate the dynamo version that the script can be used with, as the script may have limitations with other dynamo versions because of node/API changes.</small>
CREATED BY	Brendan Cassidy
REVIT VERSION	Revit 2016 <small>Note: Indicate the Revit version that the script was testing with, and note that the script may have limitations with other revit versions because of API limitations or depreciation.</small>
DYNAMO SCRIPT PURPOSE	This script is to try and get a XYZ standard dynamo standard so we get a common look for each script. This will help to aid checking of scripts and the usage of these scripts.
Force New File	True/False

Once all these settings have been changed, just save the file.

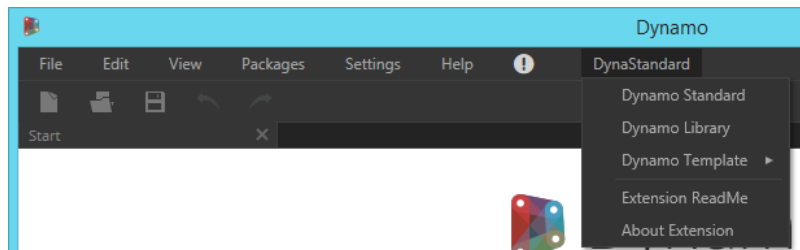
4. Running the Extension

As long as you have followed the above, all you will have to do is load dynamo as you would normally for any changes to take effect and for the addon to load.

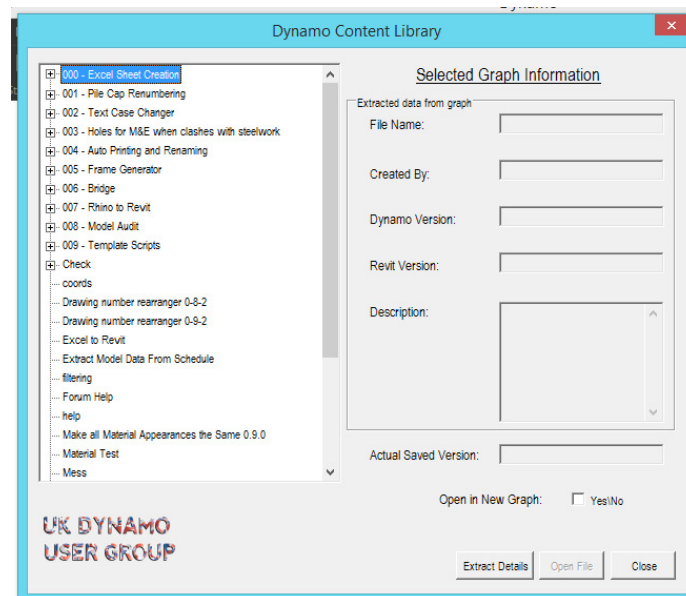
Once you open dynamo you will be met with the following new menu.



Then when you click on DynaStandard it will have a drop down menu where it contains clickable menu items for you to either see your dynamo standard document, Dynamo content library or even your Dynamo Templates. With the last two items being a quick link to this readme and a about item.



When you click on the Dynamo Standard it will automatically load the Dynamo standard document. If you decide to click on Dynamo Library it will open a new window with your dynamo content loaded within and look similar to the follow(though content will be different).



Lastly there is also the Dynamo Template menu item that will have your templates loaded to automatically create a brand new dynamo graph with the contents from your template within.

