

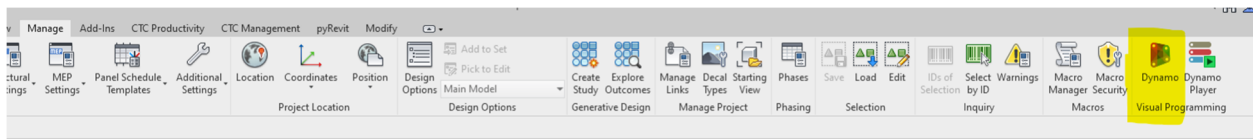


## DYNAMO

Dynamo is an add-in program in Revit. Dynamo uses a visual coding language to automate tasks almost instantly that would otherwise take a lot more time in Revit. These automation tasks can be simple, or they can be incredibly complex. The more complex they are, the more risk of failure you can have.

## DYNAMO EDITOR

The Dynamo Editor is found in the Manage Tab.



The dynamo editor opens a new window to the Dynamo programming interface with all of its tools. From there you can open the scripts that ORB has in place or create your own. Creating your own script or bringing in a script from outside of ORB is not recommended. Confirm with the office BIM Manager to see if the script in question will be useful to the ORB workflow.

If you are interested in learning about programming in Dynamo, you can find many in the websites below:

[Learn - Dynamo BIM](#)

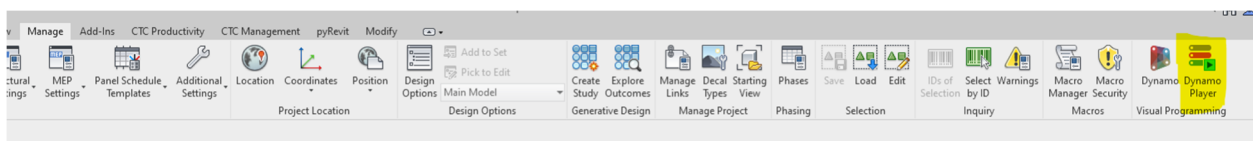
[11 Steps to Create Your First Dynamo Script — REVIT PURE](#)

[Dynamo BIM from Zero to Hero | Udemy](#)

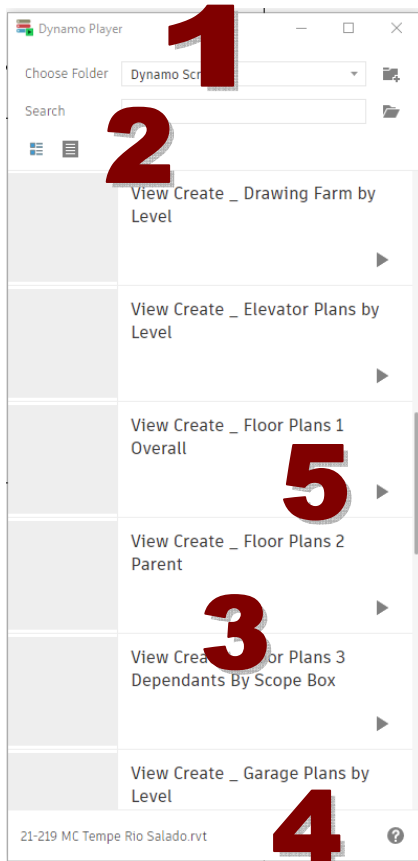
Youtube.com and other sites.

## DYNAMO PLAYER

The Dynamo Player is found in the Manage Tab.



The Dynamo Player is a slimmed down version of the full script that is working in the background. The Dynamo Player will reference specific folders where ORB has scripts / processes designed to automate our typical workflow.



1. Pull down menu for the Script folder location. This should always be set to the folder listed here:

S:\Revit Support\ORB Libraries\Dynamo Scripts

2. You can choose from a list view or an icon view.

3. Scripts are the automated tasks that have been programmed in accordance with the ORB workflow.

4. Revit File that the player is currently accessing and will work in.

5. The play button will start the script and begin the sequence of automated tasks assigned to that script.

Scripts are associated by the type of task they do; annotation, view creation & tools.



## ORB SCRIPTS

### ANNOTATION

*Auto Dimension Grids*

## VIEW CREATE

*Floor Plans 1 Overall*

Create overall plan intended for sheets based on the selected levels. Assigns Overall Floor Plan View Template.

*Floor Plans 2 Parent*

Create copy of Overall View. Removes the Overall Floor Plan View Template.

*Floor Plans 3 Dependents By Scope Box*

Creates as many copies as noted per scope boxes from the Parent View and assigns the Enlarged Floor Plan View Template.

*Ceiling Plans 1 Overall*

Create overall ceiling plans intended for sheets. Assigns Overall Floor Plan View Template.

*Ceiling Plans 2 Parent*

Create copy of Overall Ceiling Plan View. Removes the Overall Ceiling Floor Plan View Template.

*Ceiling Plans 3 Dependents by Scope Box*

Creates as many copies as noted per scope boxes from the Parent View and assigns the Enlarged Floor Plan View Template.

*Life Safety 1 Overall*

*Life Safety 2 Parent*

*Life Safety 3 Dependents by Scope Box*

## TOOLS

BIM Management Delete CAD Import linetypes

Dimension Type Search

Filled Region Type Search

Text Type Search



Family Type Search