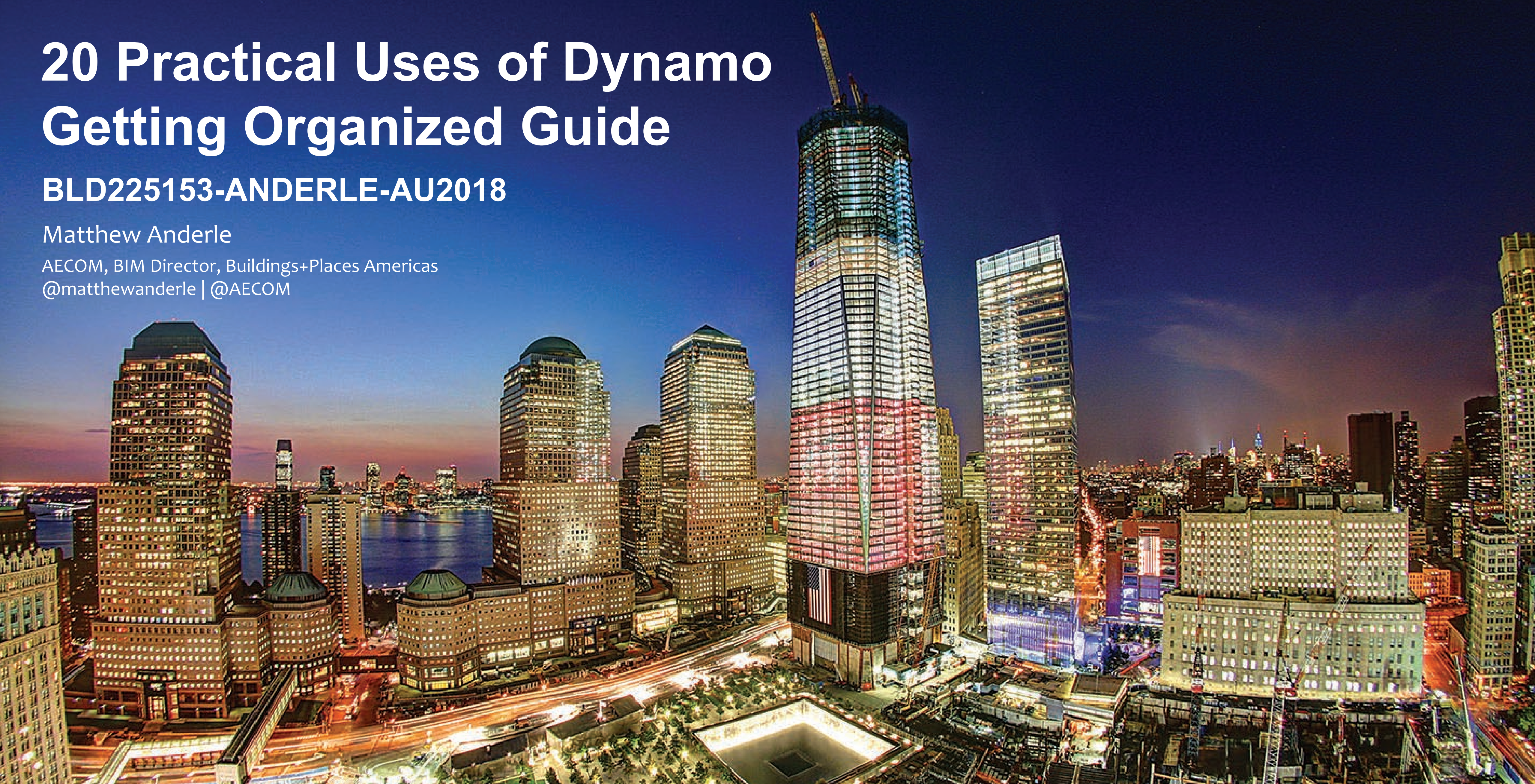


# 20 Practical Uses of Dynamo Getting Organized Guide

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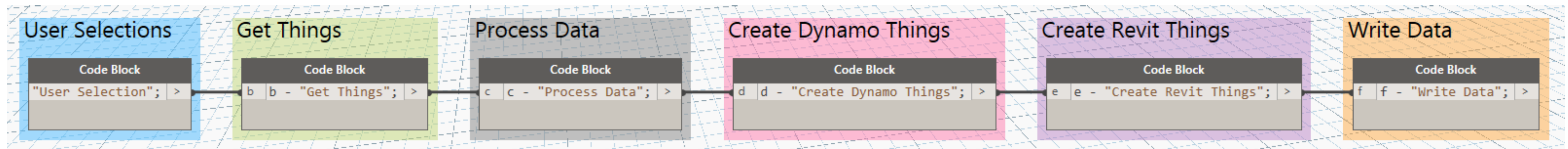


# Dynamo Graph Organization

- Standard Graph Organization
- Use Node Groups
- Consistent Color Key
- Intuitive Graph Functionality

	Blue	User Selections, Settings, and Credits
	Green	Discovery and Retrieval of Information
	Gray	Processing Data
	Pink	Creating Elements in Dynamo
	Purple	Creating Elements in Revit
	Orange	Writing Data

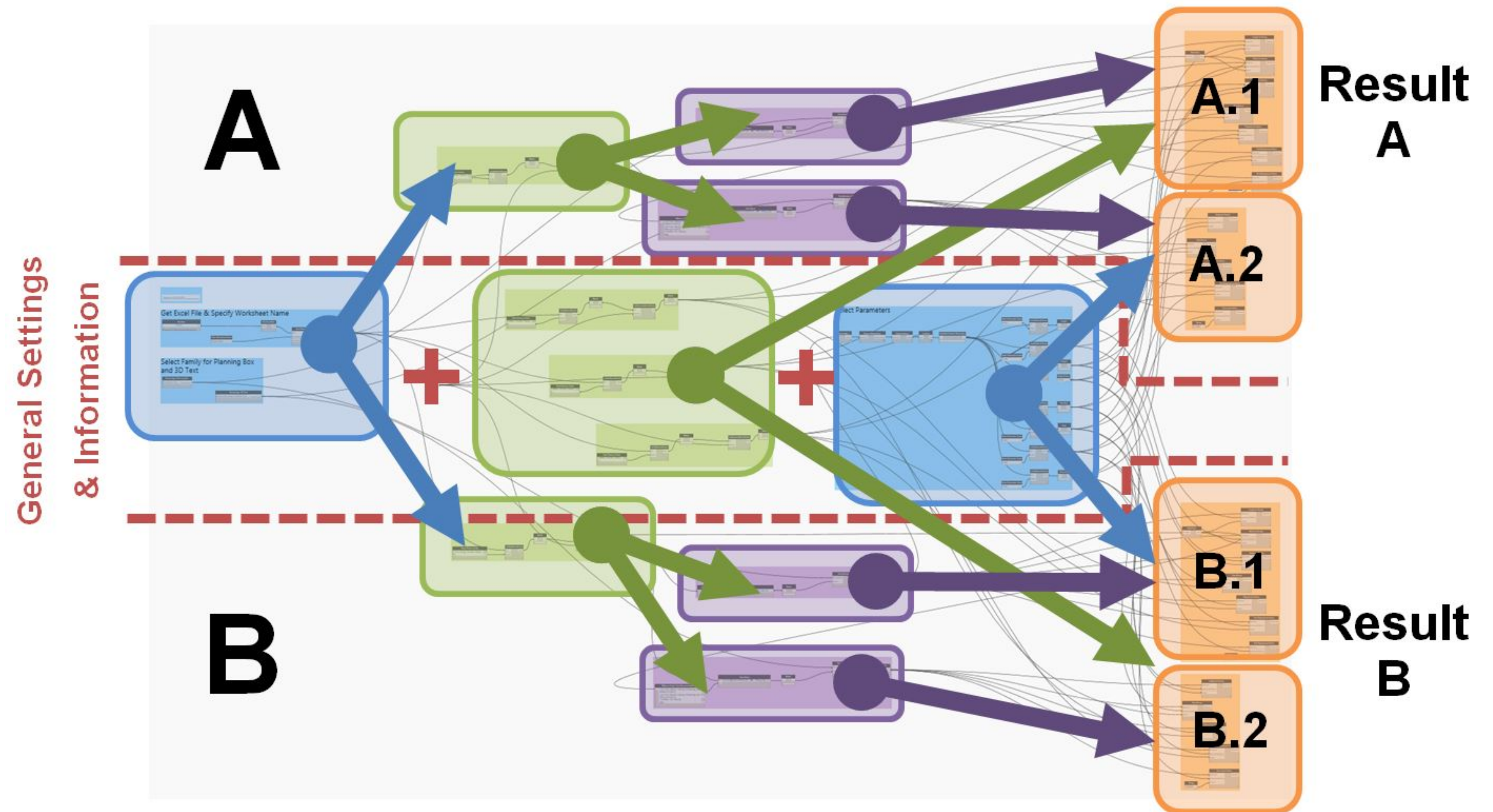
Graphic Color Legend





# Dynamo Work Flow

- Two Results
- Clear Node Functions
- Organized Result Flow
- Central Common Data



# Dynamo User Interface

File Edit View Packages Settings Help

Search...

- Dictionary
- Display
- Geometry
- ImportExport
- Input
- List
- Math
- Revit
- Script
- String

## Get your copy at <http://dynamobim.org>

**User Selections**

Element Types  
ViewPlan Types

Search Text  
"Level";

Replace Text  
"Floor";

**Get all views of type**

All Elements of Type  
element type elements

Watch  
List  
FloorPlanView(Name = Floor 1 )  
CeilingPlanView(Name = Floor 1 )  
FloorPlanView(Name = Floor 2 )  
CeilingPlanView(Name = Floor 2 )  
FloorPlanView(Name = Site )  
FloorPlanView(Name = Architecture )  
FloorPlanView(Name = Site Plan )  
FloorPlanView(Name = Floor 04 - T )  
FloorPlanView(Name = Floor 03 - T )  
FloorPlanView(Name = Floor 02 - T )  
FloorPlanView(Name = Roof )

**Filter Views by Name**

Element.Name  
element string

Watch  
List  
Level 1  
Level 1  
Level 2  
Level 2  
Site  
Architectural Plan  
Site Plan  
Level 04 - T.O. Fnd. Wall  
Level 03 - T.O. Basement Slab  
Level 02 - T.O. Footing  
Roof

String.Contains  
str searchFor ignoreCase

**Rename Filtered Views**

Element.Name  
element string

String.Replace  
str searchFor replaceWith

Watch  
List  
Floor 1  
Floor 1  
Floor 2  
Floor 2  
Floor 04 - T.O. Fnd. Wall  
Floor 03 - T.O. Basement Slab  
Floor 02 - T.O. Footing

**Feed Renamed Data to View Name Parameter**

Parameter Name  
View Name

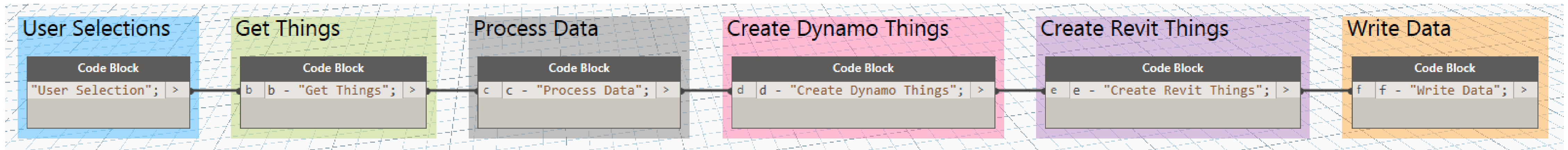
Element.SetParameterByName  
element parameterName value

Manual Run Run completed.



# Getting Organized Tips

#1 The use of a **consistent color schema** to organize your Dynamo Graphs will make them more intuitive for your team and improve comprehension of functionality.



#2 Start a “**library graph**” of common node groups for your company to reference to increase the speed of new Dynamo graph development.

