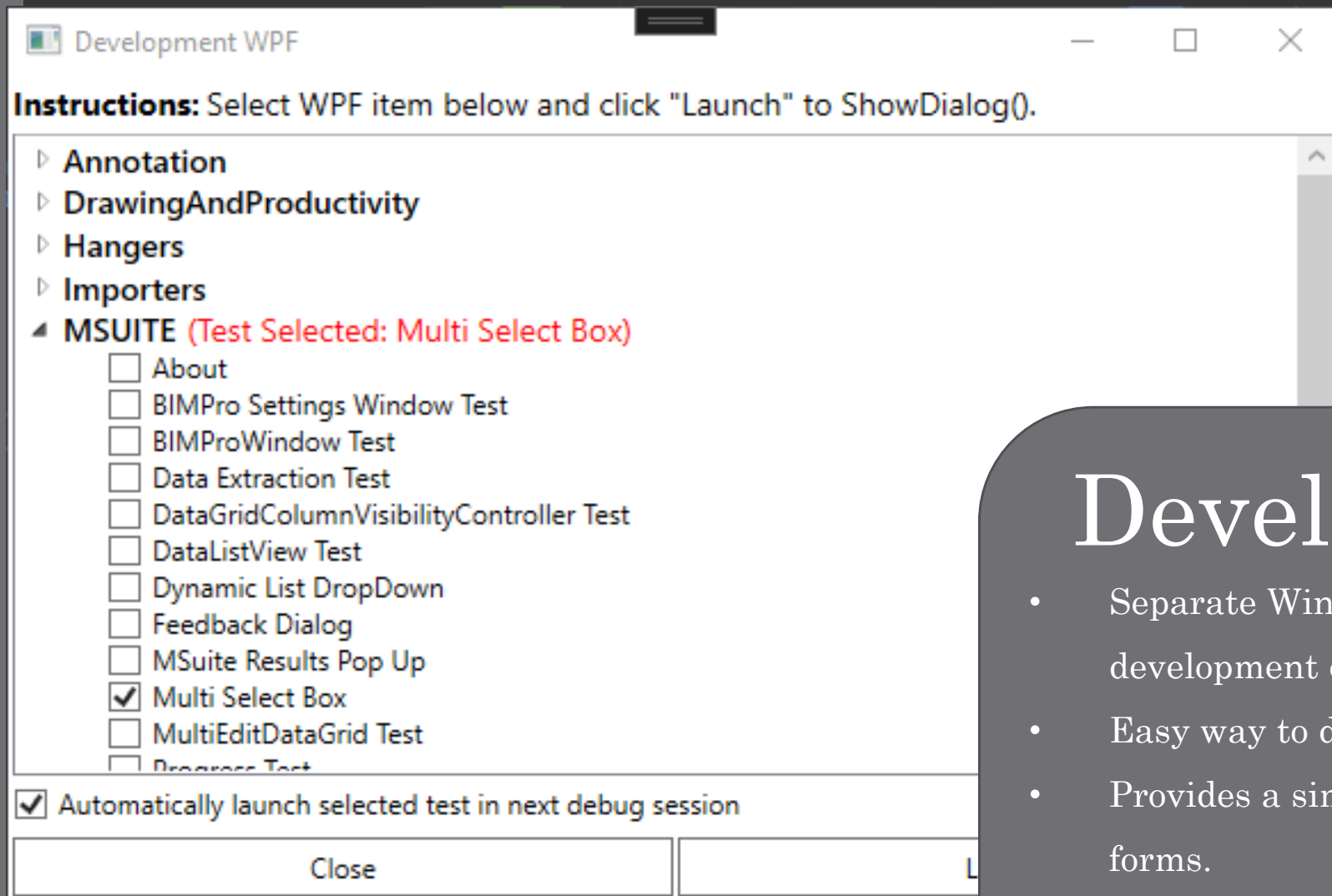
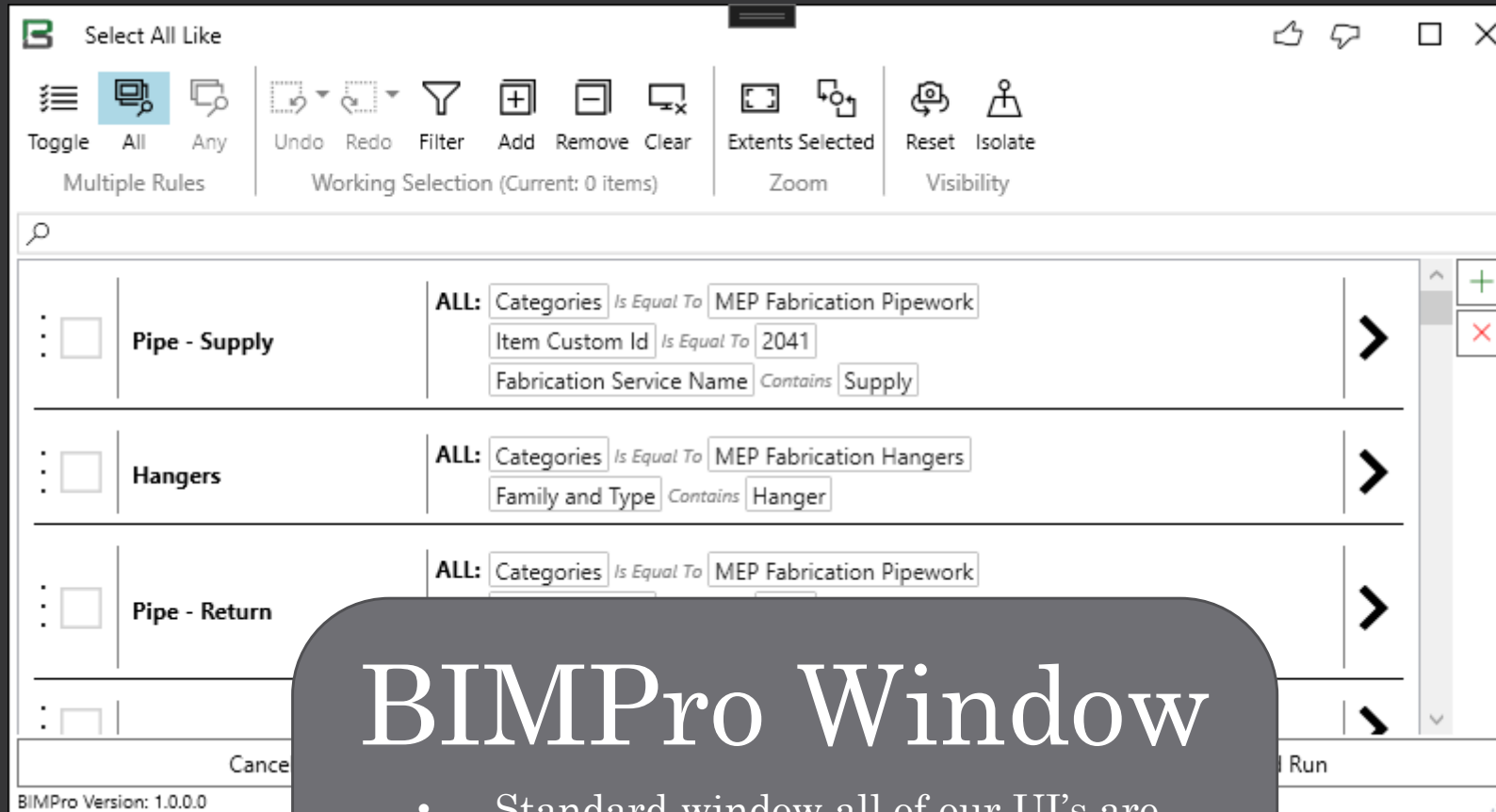


# WPF Standardization



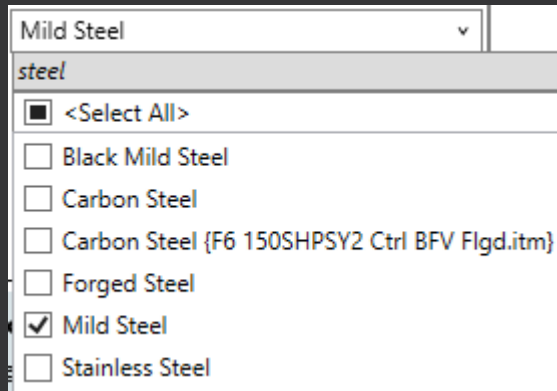
# Development WPF

- Separate Windows WPF application used for any development of WPF controls outside of Revit
- Easy way to develop UI's or UserControls
- Provides a simple way to use mock data to test forms.



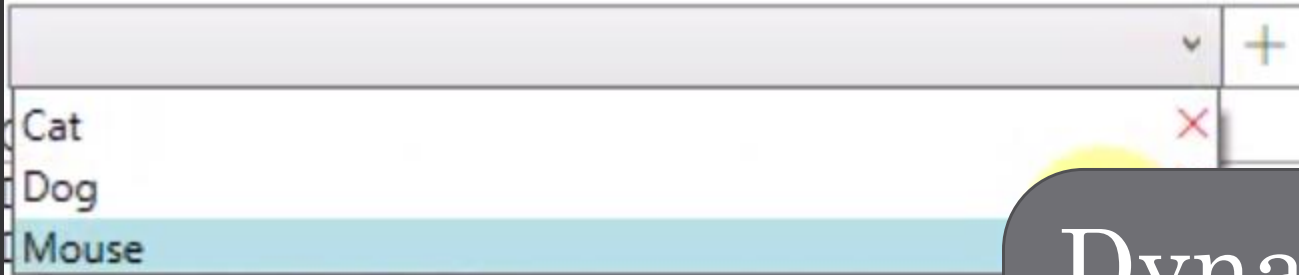
# BIMPro Window

- Standard window all of our UI's are contained in
- Custom title bar with feedback buttons
- Resize grip
- Version of .addin displayed



## Multi-Select Box

- Combobox with multi-edit built in
- Search Enabled
- Can “select all/none”
- Two-way binding with SelectedItems Property.



## Dynamic List Drop-down

- Combobox that allows for additional entries by user
- Dynamically updates ItemsSource
- Two-way binding with SelectedValue Property.

**New Hanger Placement Rule** Hanger:  Rod:

**When to Place:**  
Select placement filtering criteria

Services: ☐ <Any>  
Materials: ☒ Mild Steel  
Insulation: ☐ <Any>  
Straight Length: ☐ <Any>  
Round Size: ☐ <Any>  
Rect/Oval Size: ☐ <Any>

**How to Place:**  
**General** Naming Racks Cuts Attachments Field Points

Offset from end of: Run "  
Distribution: Spacing "  
Attach to Structure: ☒

---

**New Hanger Placement Rule 2**

☒ **Hanger:** Unistrut Hanger\_AS 210EH **Size Ranges:** Round: Any Duct/Oval: Any Length: Any **Services:** Any **Materials:** Any

---

**New Hanger Placement Rule 3** ⚠ The selected hanger is not valid for the current element selection.

☐ **Hanger:** Trapeze Hanger (Round) **Size Ranges:** Round: Any Duct/Oval: Any Length: Any **Services:** Any **Materials:** Any

Cancel Save and Close

**Name:** 1 → FP Display BOM

**Map Type:** Self..... (Updates properties within the same element.)

**Applies To:** DataMapper - FP Display BOM - 1

**Description:** Search cannot be found.

**Source**

Property Name	Source
Alias	Built In...
Alternate	Fabrica...
Angle	Built In...
Assembly Code	Built In...
Assembly Description	Built In...
Blank Price	Fabrica...
Blue Print	Fabrica...
BOH	Fabrica...
Bolt Count	Fabrica...
Bottom Elevation	Built In...

Text: 1

☒ Concat  
☐ Sum  
☐ Multiply

**Target**

Property Name	Source
Alias	Built In Paramet...
Alternate	Fabrication Cust...
Angle	Built In Paramet...
Assembly Code	Built In Paramet...
Assembly Descri...	Built In Paramet...
Blank Price	Fabrication Cust...
Blue Print	Fabrication Cust...
BOH	Fabrication Cust...
Bolt Count	Fabrication Cust...
Bottom Elevation	Built In Paramet...

1 → m\_show\_as\_material

# BIMPro Settings Listbox

- Standard window all of our UI's are contained in
- Custom title bar with feedback buttons
- Resize grip
- Version of .addin displayed

**New Search 1**

Fabrication Service Contains Plumbing: Sanitary Waste

None Categories Fabrication Custom Data Fabrication Part Properties Levels Parameters Scope Boxes Trades

Alias Angle Assembly Code Assembly Description Bottom Elevation Bottom Elevation with Insulation Bought Out

Contains Mechanical - Hydronic Piping - Anv Mechanical - Hydronic Piping - Anv Mechanical - Hydronic Piping - An Mechanical - Hydronic Piping - An Plumbing: Overflow Sto

**New Search 2** Fabrication Service Contains Plumbing: Overflow Storm Plumbing: Storm

**Level 6** ALL: Level Contains 6TH FLOOR Fabrication Service Contains Plumbing: Sanitary Waste

Cancel Save And Close Save and Run

BIMPro Version: 5.2.1.0