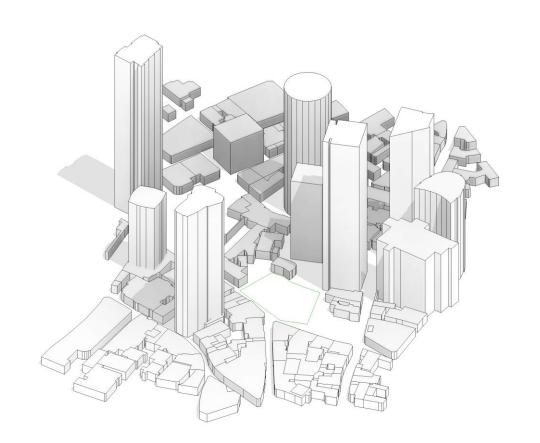
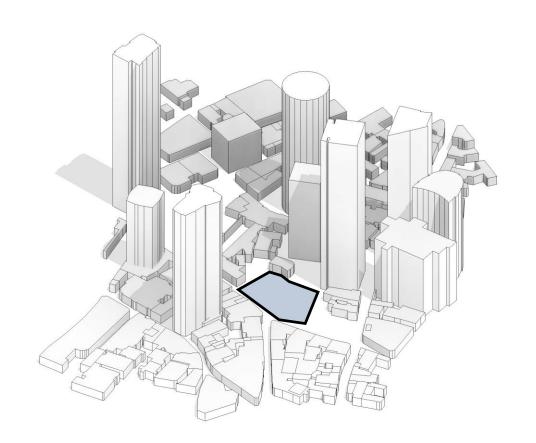
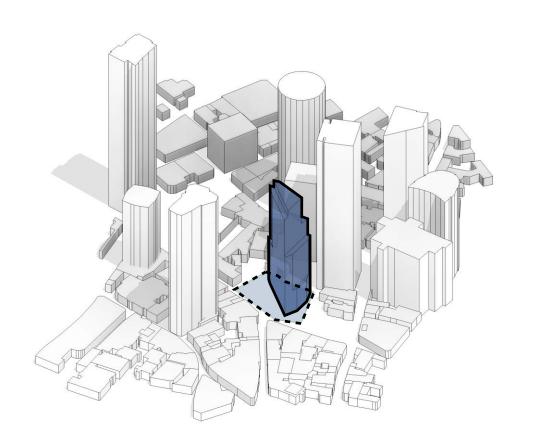
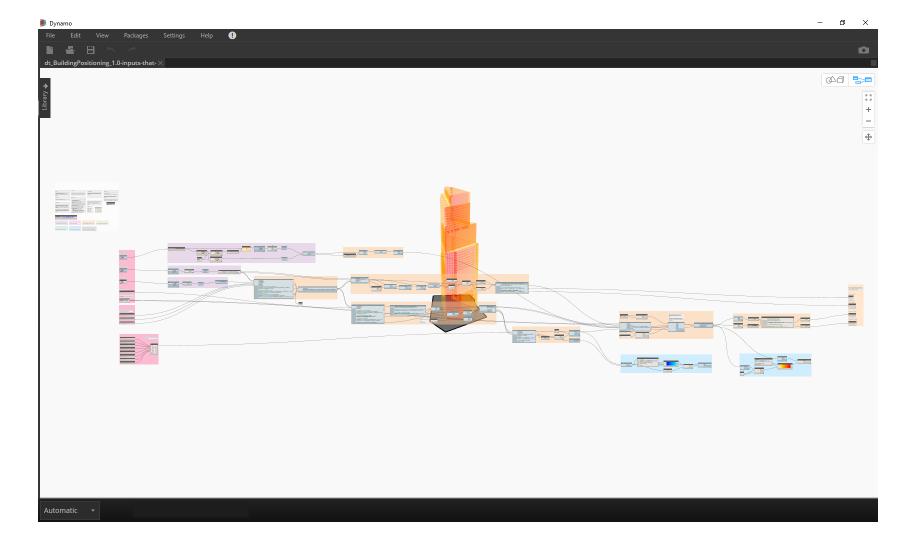
# **Example**

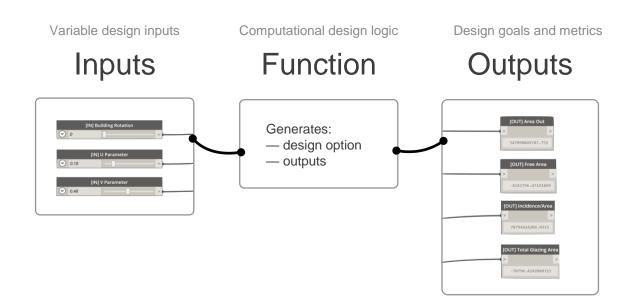
Solar Analysis, Building Placement

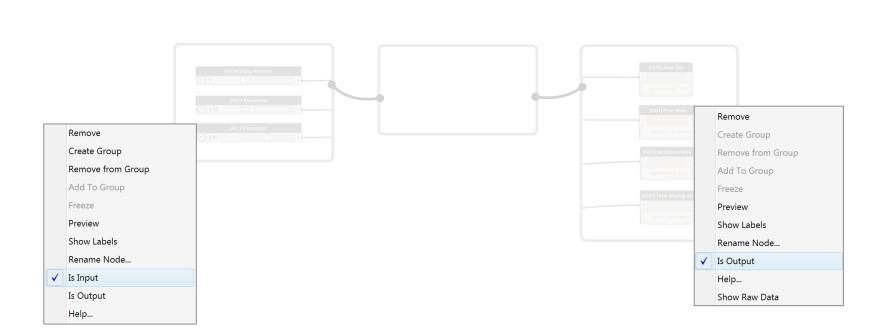


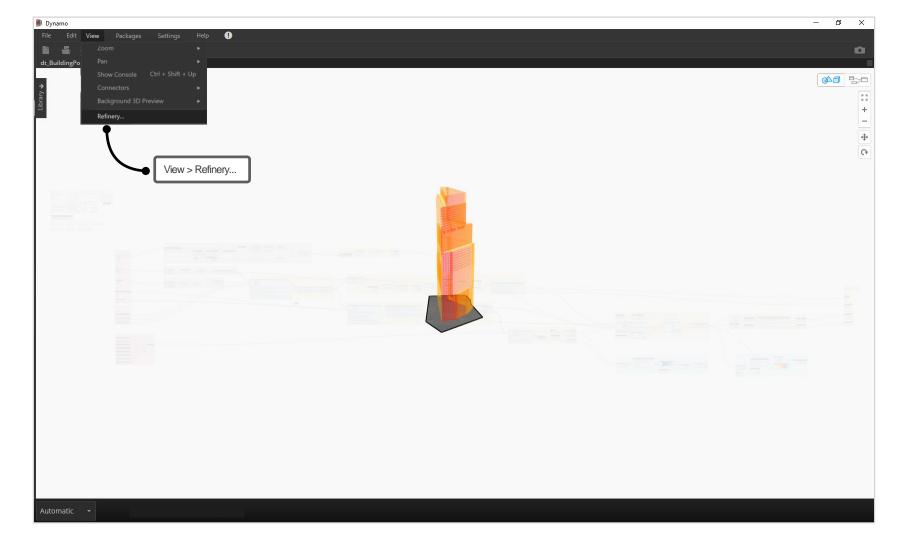


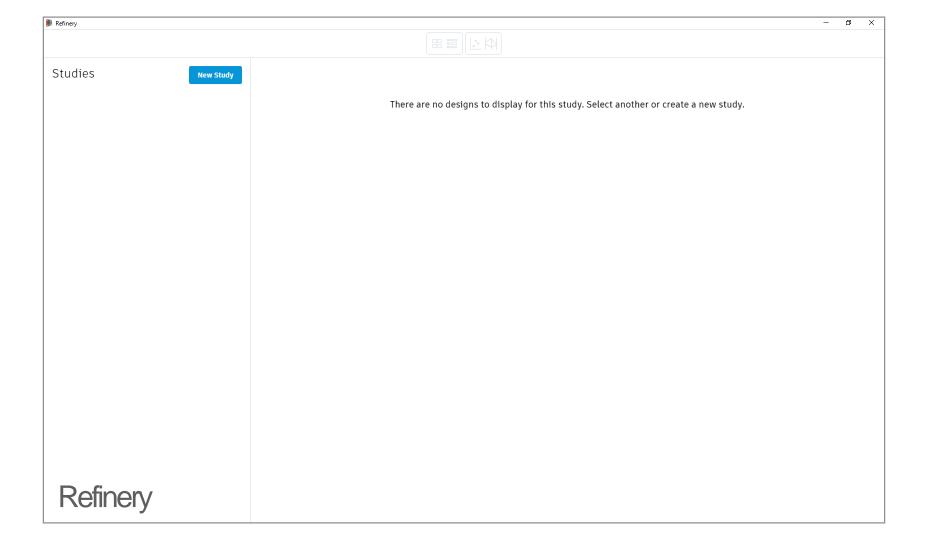


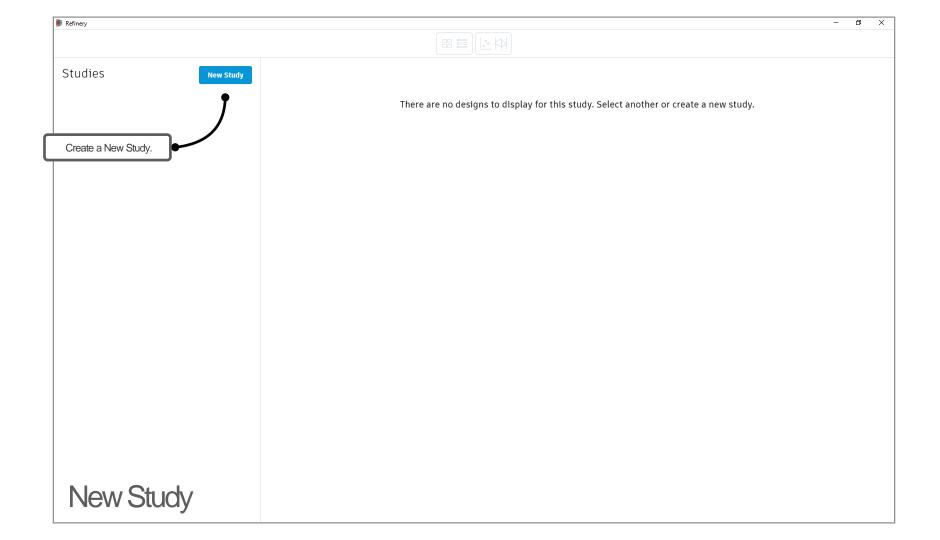


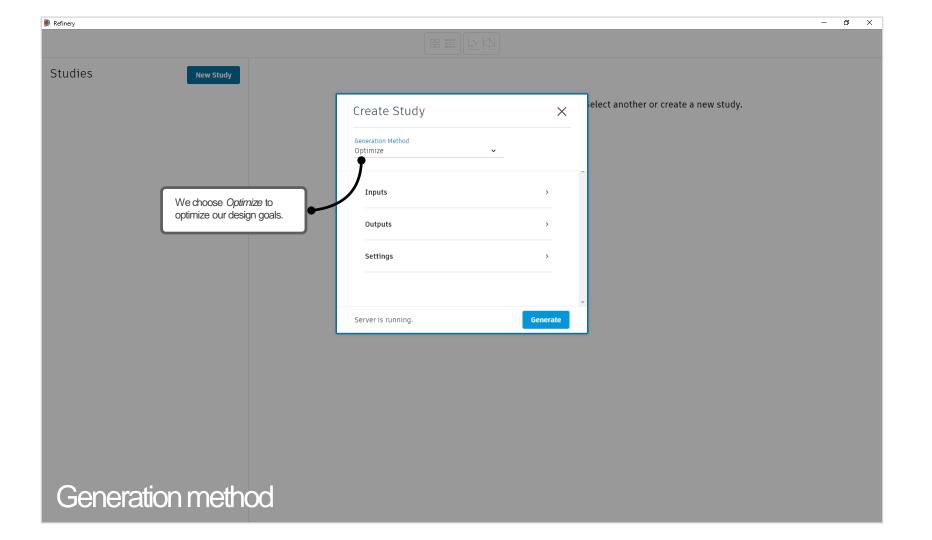


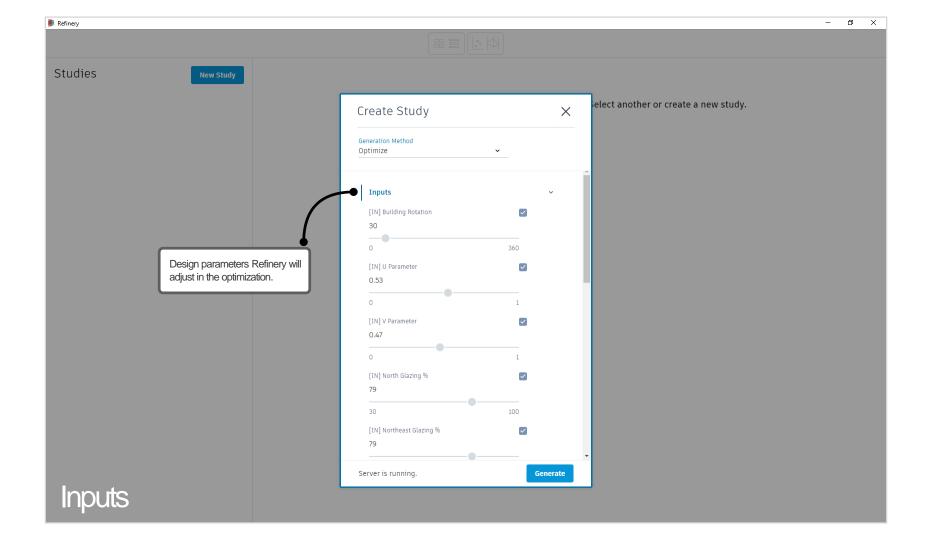


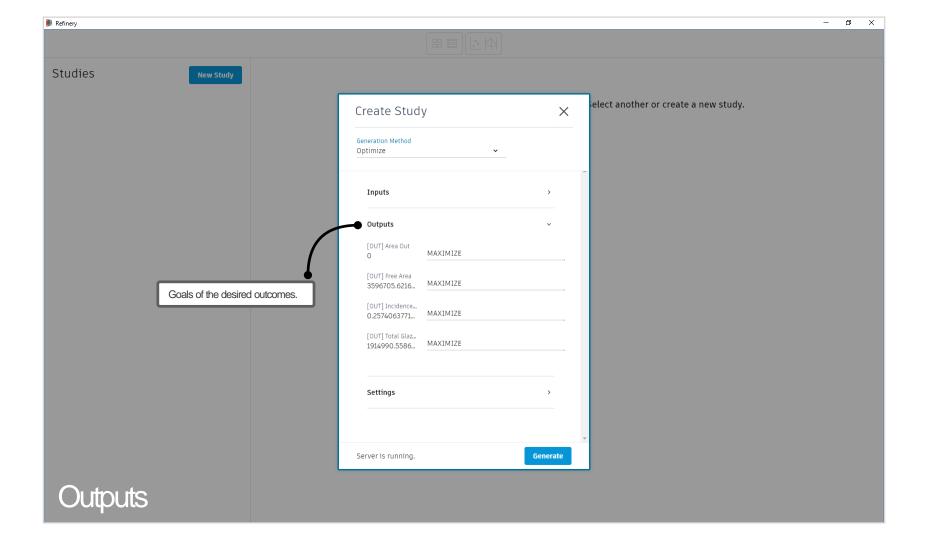


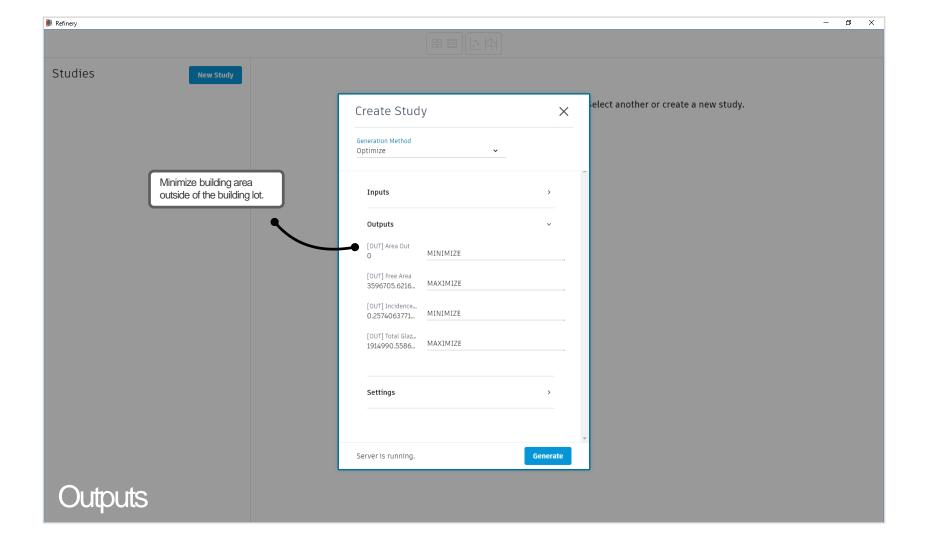


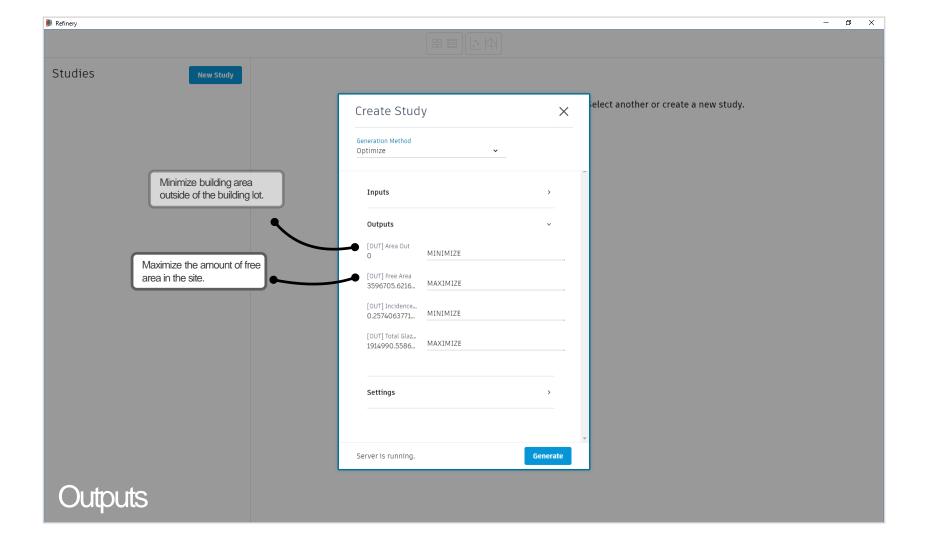


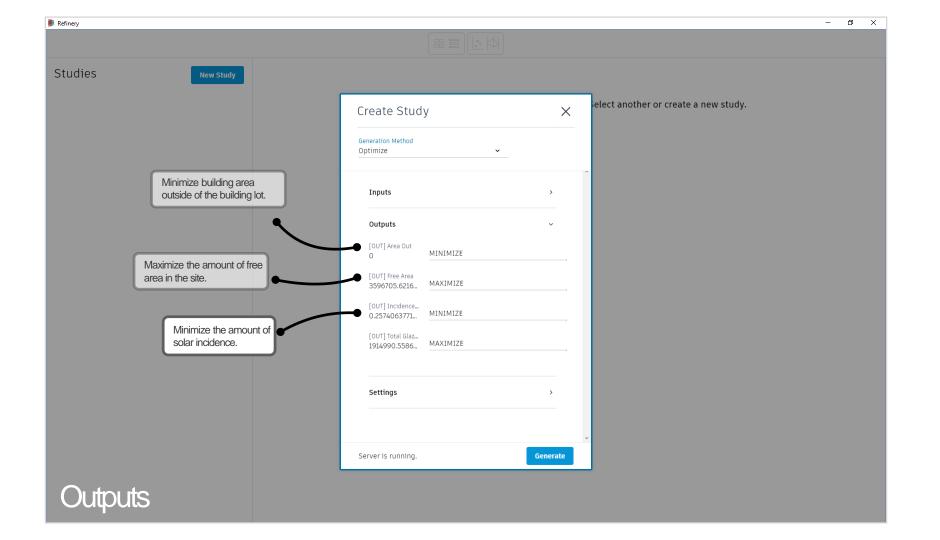


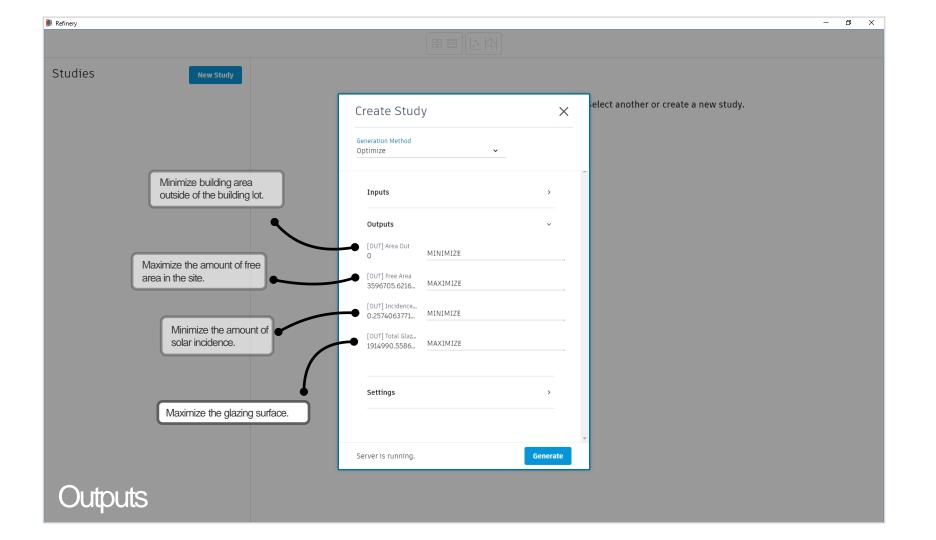


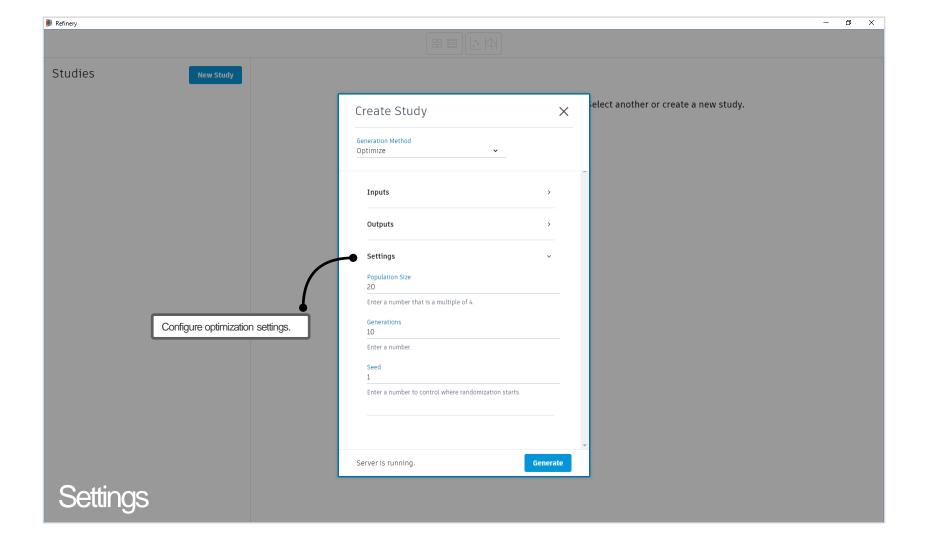


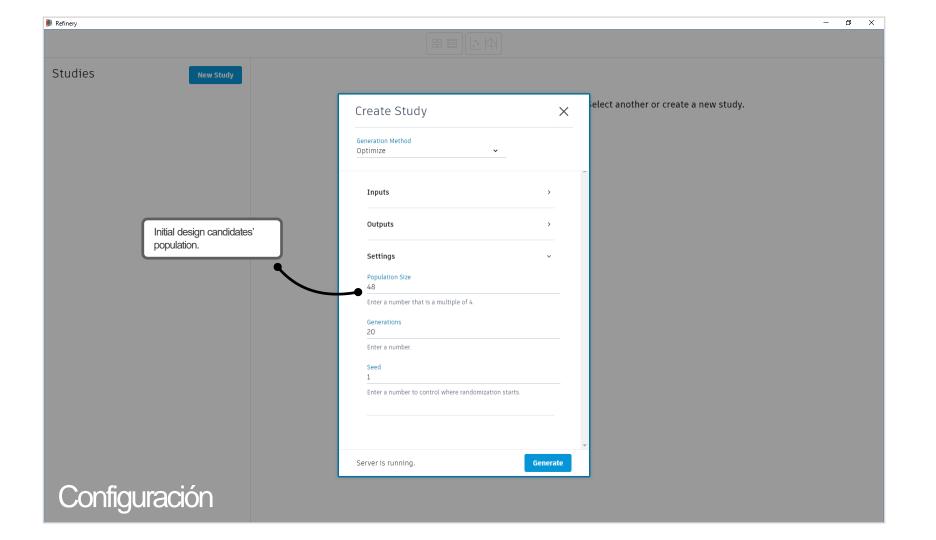


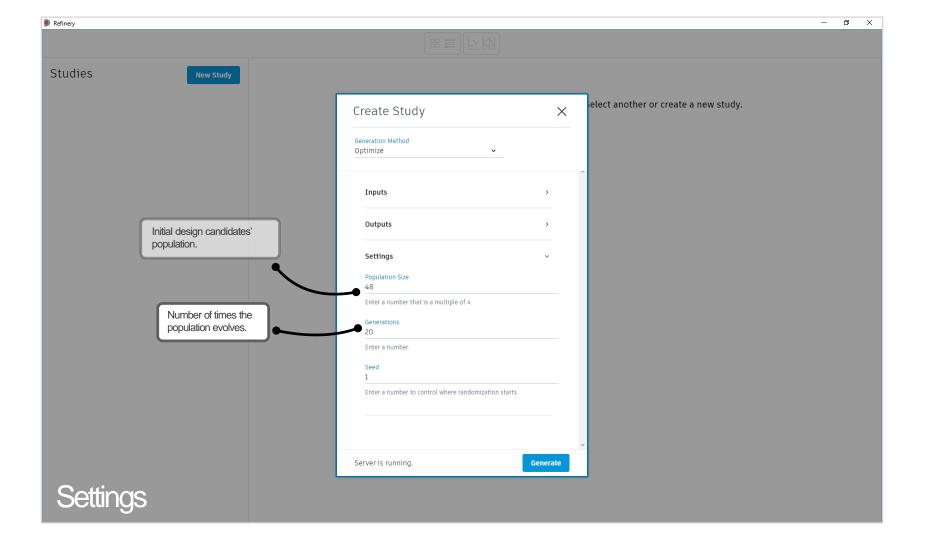


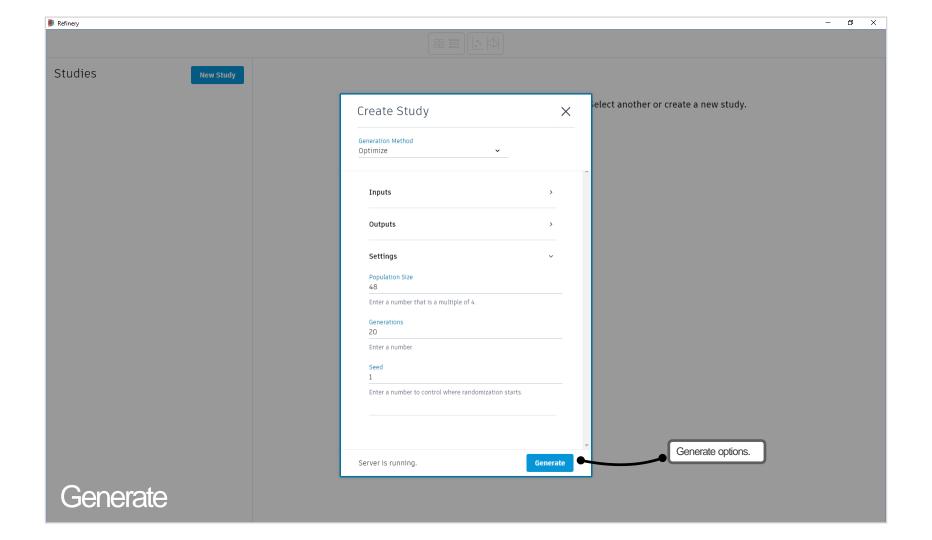


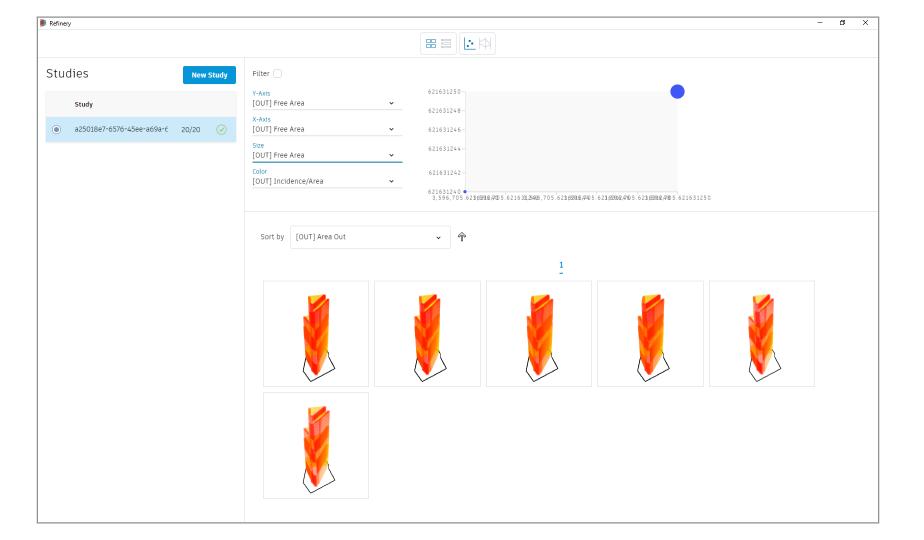










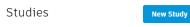


Two remarks





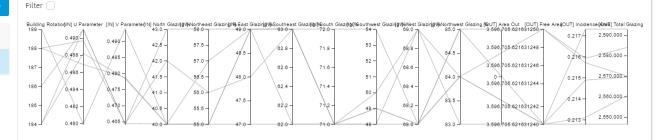




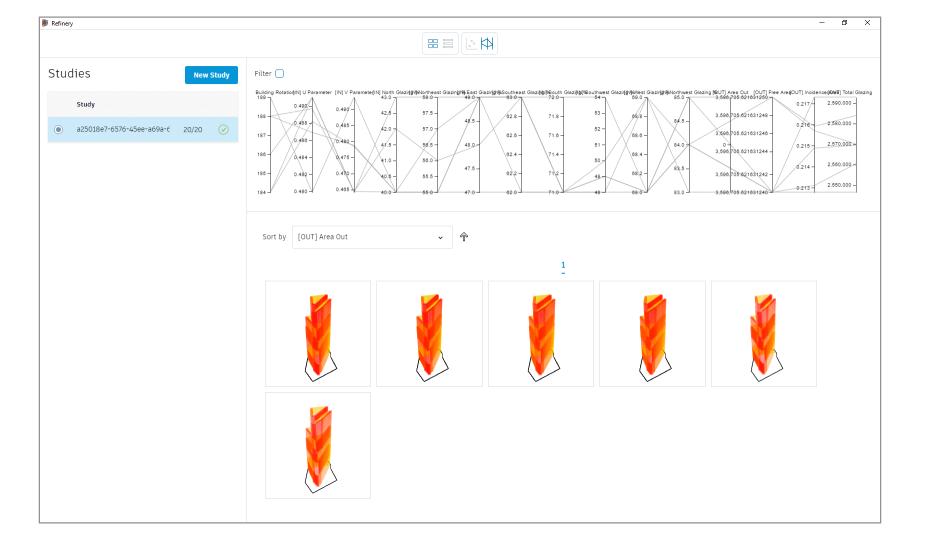
a25018e7-6576-45ee-a69a-6 20/20

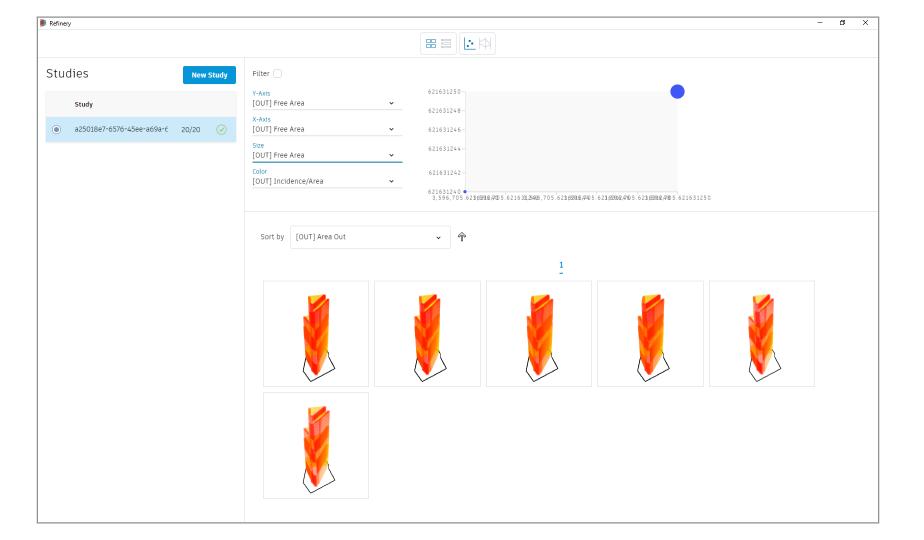
Study

•

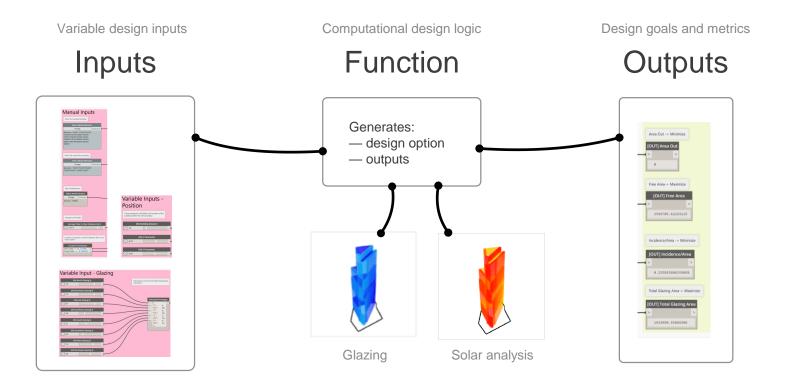


[OUT] Area Out	[OUT] Free Area	[OUT] Incidence/Area	[OUT] Total Glazing Area	[IN] Building Rotation	[IN] U Parameter	[IN] V Parameter	[IN] North Glazing %
0.0	3596705.622	0.216	2583840.578	188	0.490	0.464	40
0.0	3596705.622	0.216	2569927.094	188	0.487	0.479	40
0.0	3596705.622	0.213	2546503.657	184	0.491	0.464	43
0.0	3596705.622	0.213	2560417.140	184	0.488	0.478	40
0.0	3596705.622	0.217	2592811.987	189	0.480	0.494	40
0.0	3596705.622	0.215	2569388.549	186	0.491	0.464	42



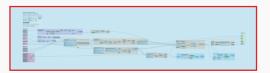


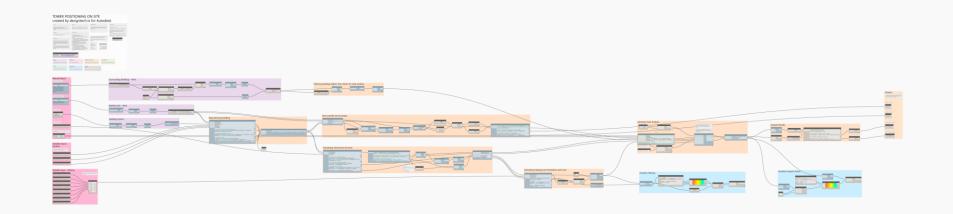
Graph diagram





**Overall View** 

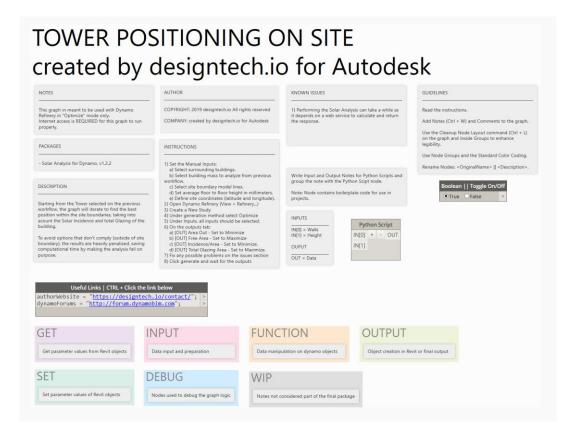






Dynamo graph notes and color key

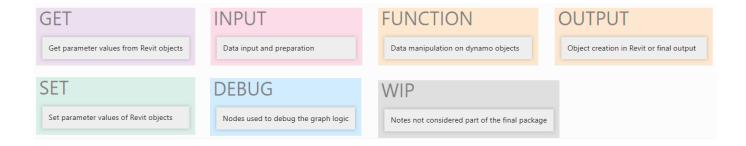






Dynamo graph color key







Graph nodes · INPUT · Data input and preparation

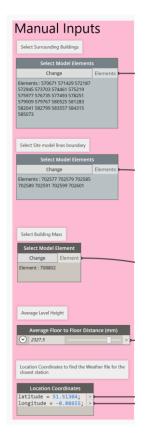


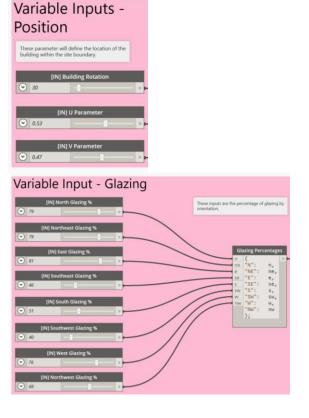




INPUT · Revit manual inputs + Refinery variable inputs)



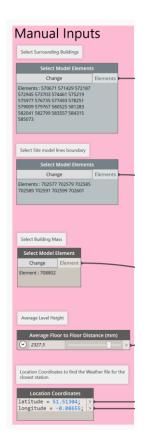


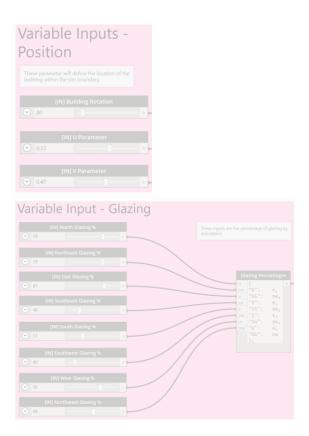




INPUT · Revit manual inputs





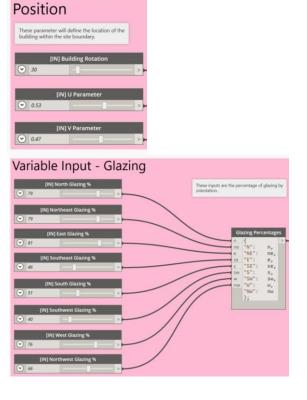




INPUT · Refinery variable inputs







Variable Inputs -



Graph nodes · GET · Get parameter values from Revit objects



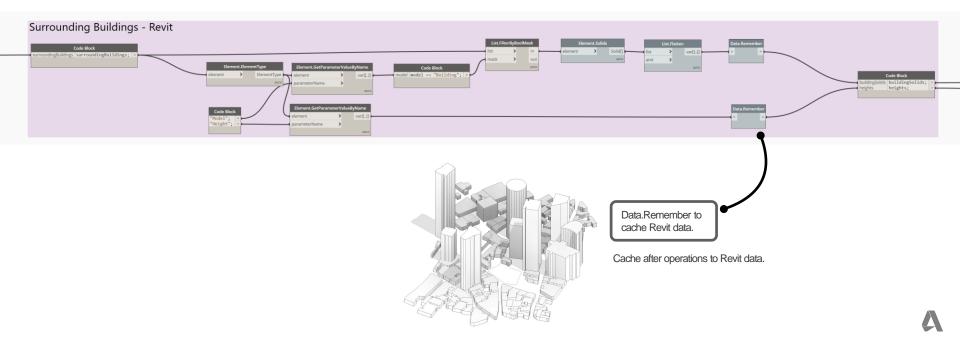
**GET** 

Get parameter values from Revit objects



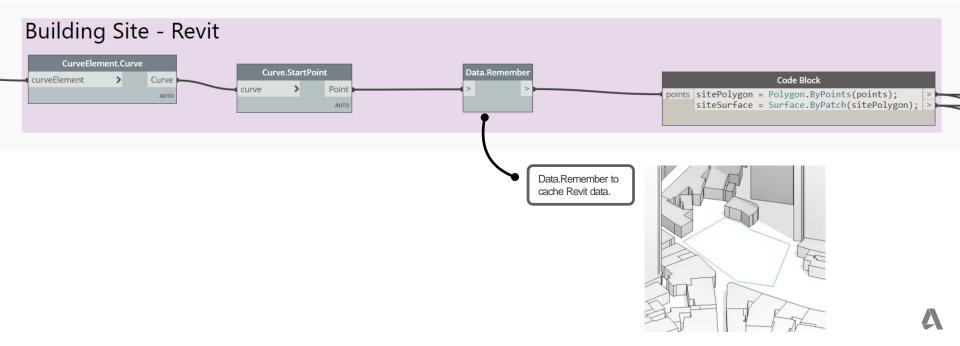
GET · Revit surrounding buildings





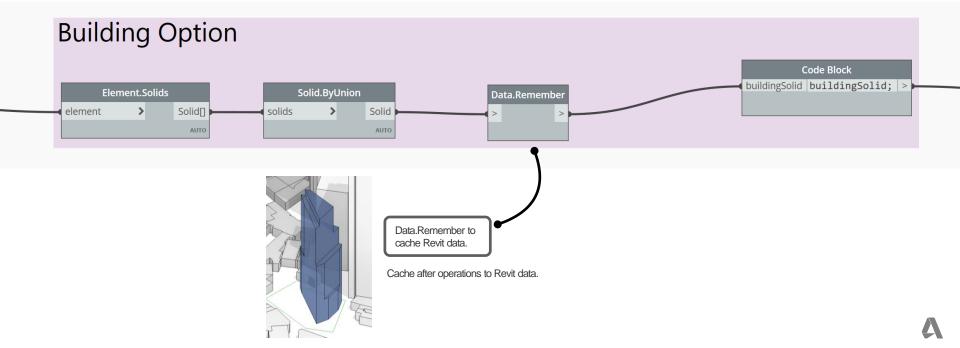
GET · Revit building site





**GET** · Building option





Graph nodes · Data manipulation on Dynamo objects



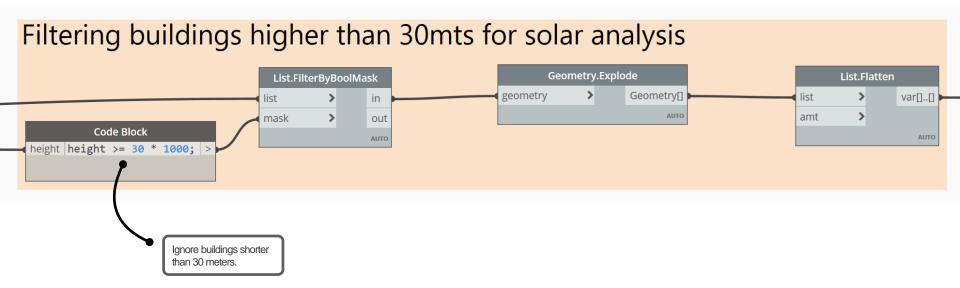
# **FUNCTION**

Data manipulation on dynamo objects



FUNCTION · Filter buildings by height

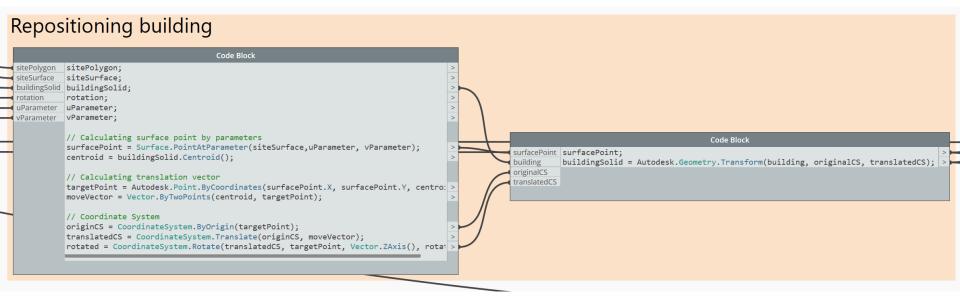






**FUNCTION** · Reposition building

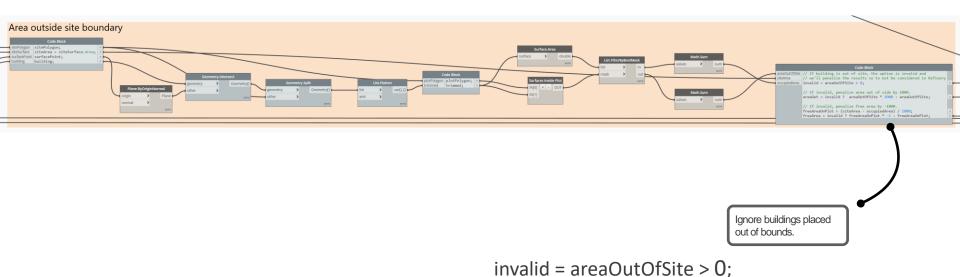






FUNCTION · Calculate area outside of the site boundary

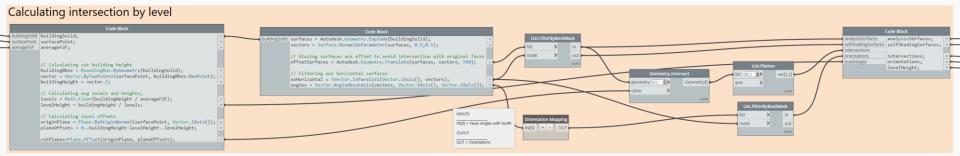






FUNCTION · Calculate intersection by level

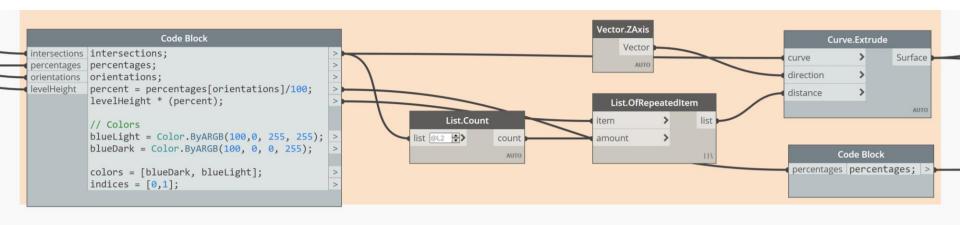






FUNCTION · Calculate glazing by orientation and level

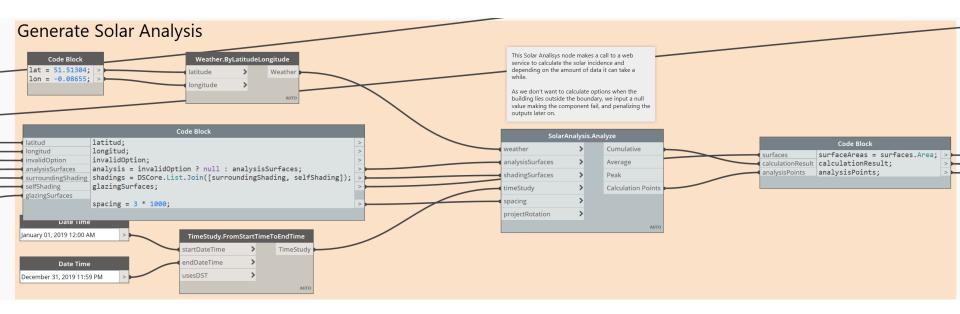






FUNCTION · Generate and run solar analysis

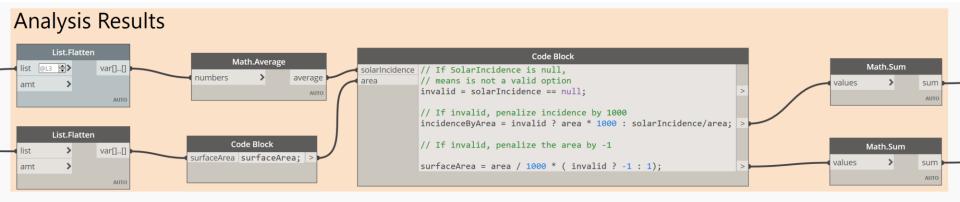






**FUNCTION** · Analyze results







Graph nodes · OUTPUT · Object creation in Revit (or final output)

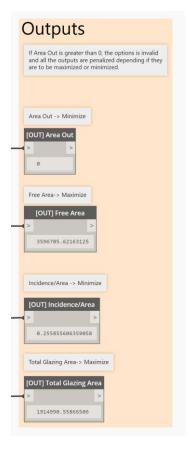


# OUTPUT

Object creation in Revit or final output



OUTPUT · Goals (or metrics) of our design







Graph nodes · DEBUG · Nodes used to debug the graph logic



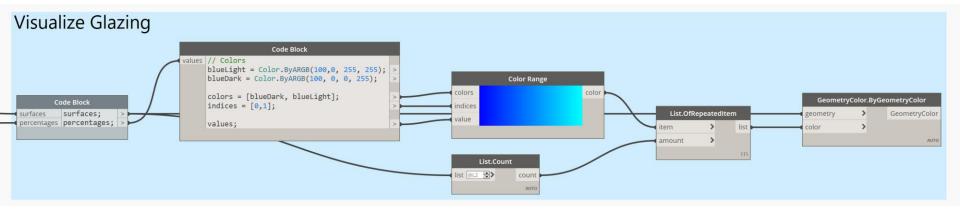
# DEBUG

Nodes used to debug the graph logic



DEBUG · Preview glazing geometry



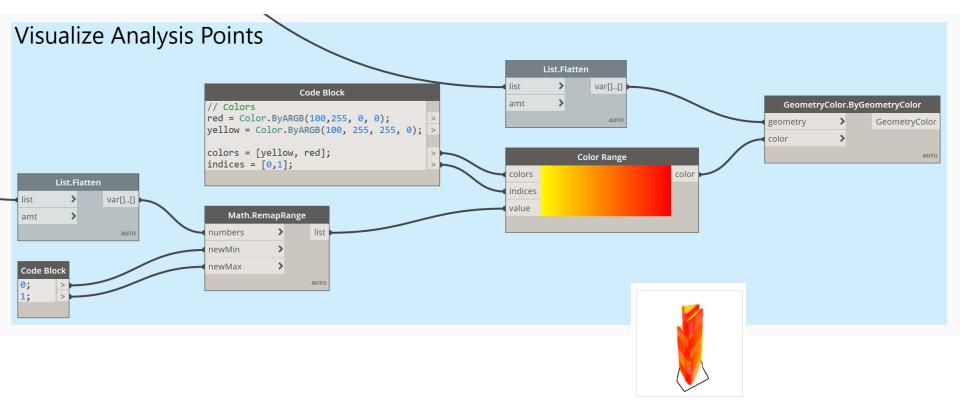




Δ

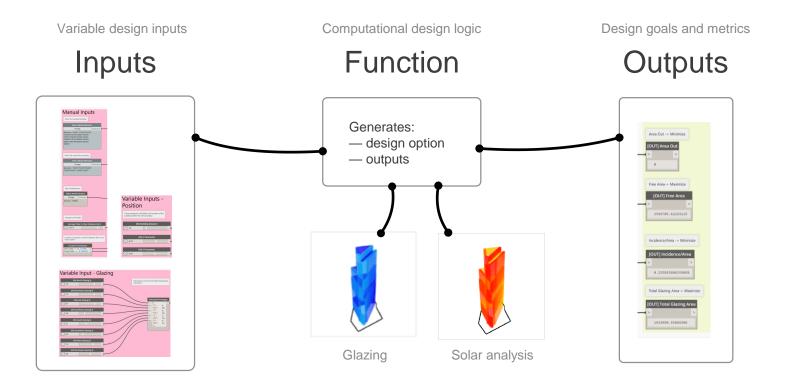
DEBUG · Preview solar analysis results







Graph diagram







Make anything...