



**Merge Overlapping Lines**  
Using Rhino Inside!



# Merge Overlapping Lines Using Rhino Inside

Thanks for  
the idea!



Wassim Jabi · 1st



(Cardiff UK)

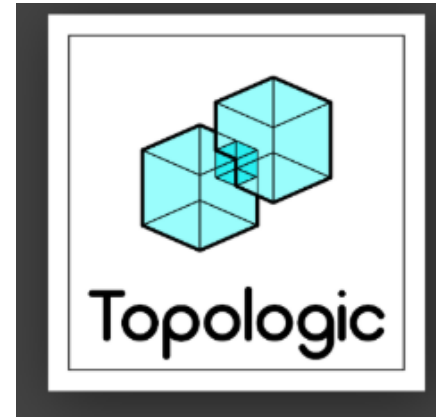


Wassim Jabi · 5:13 PM

Hi Gavin. Was watching your video on getting room boundaries from Revit. I think I know the answer to the following, but hoping to be proven wrong: Is there any way you can think of to create room boundaries from Revit that always share lines (similar to Testfit plans?). Obviously this would allow me to build Topologic CellComplexes and run energy analysis

# Topologic

<https://topologic.app/>



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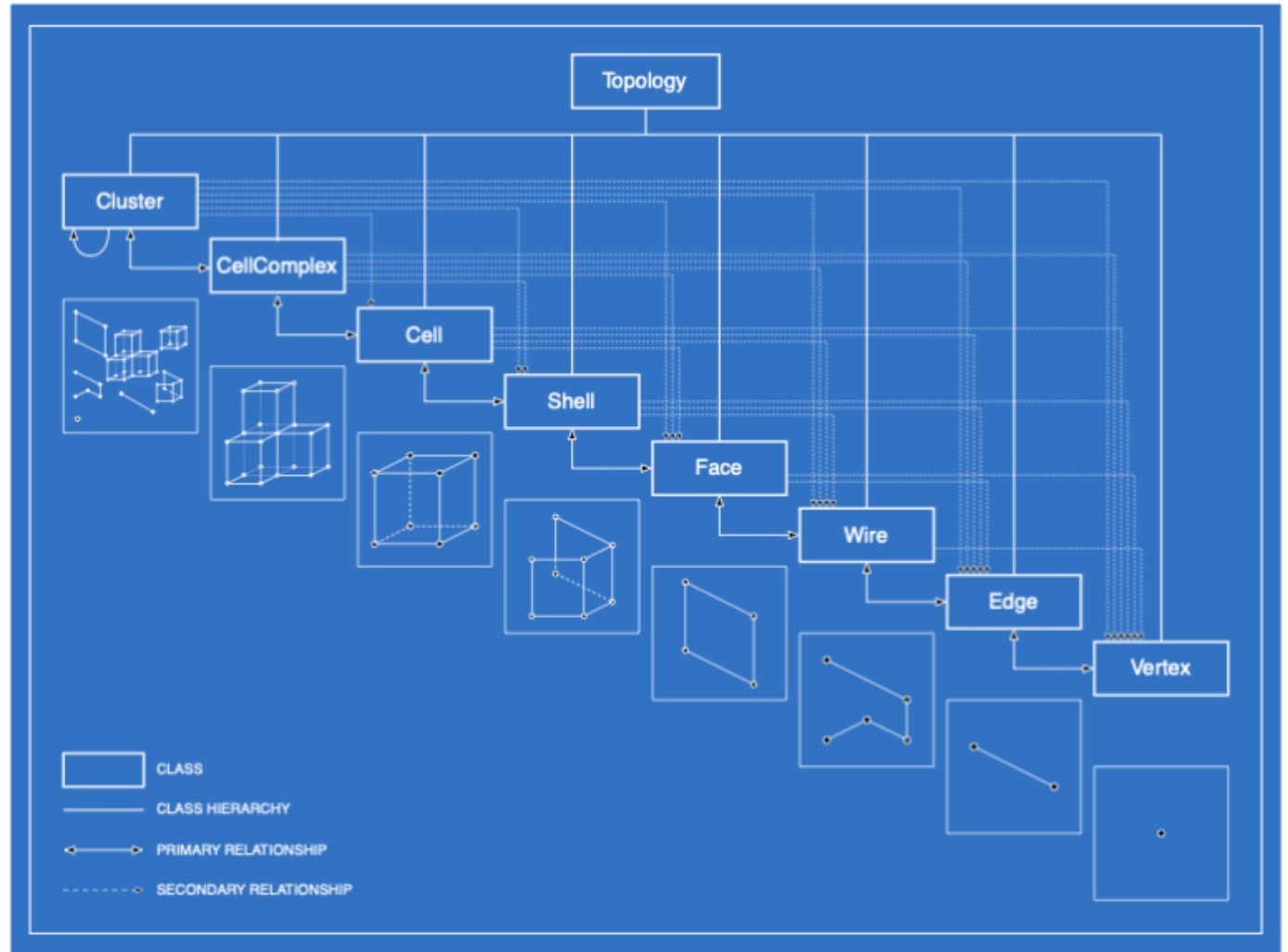
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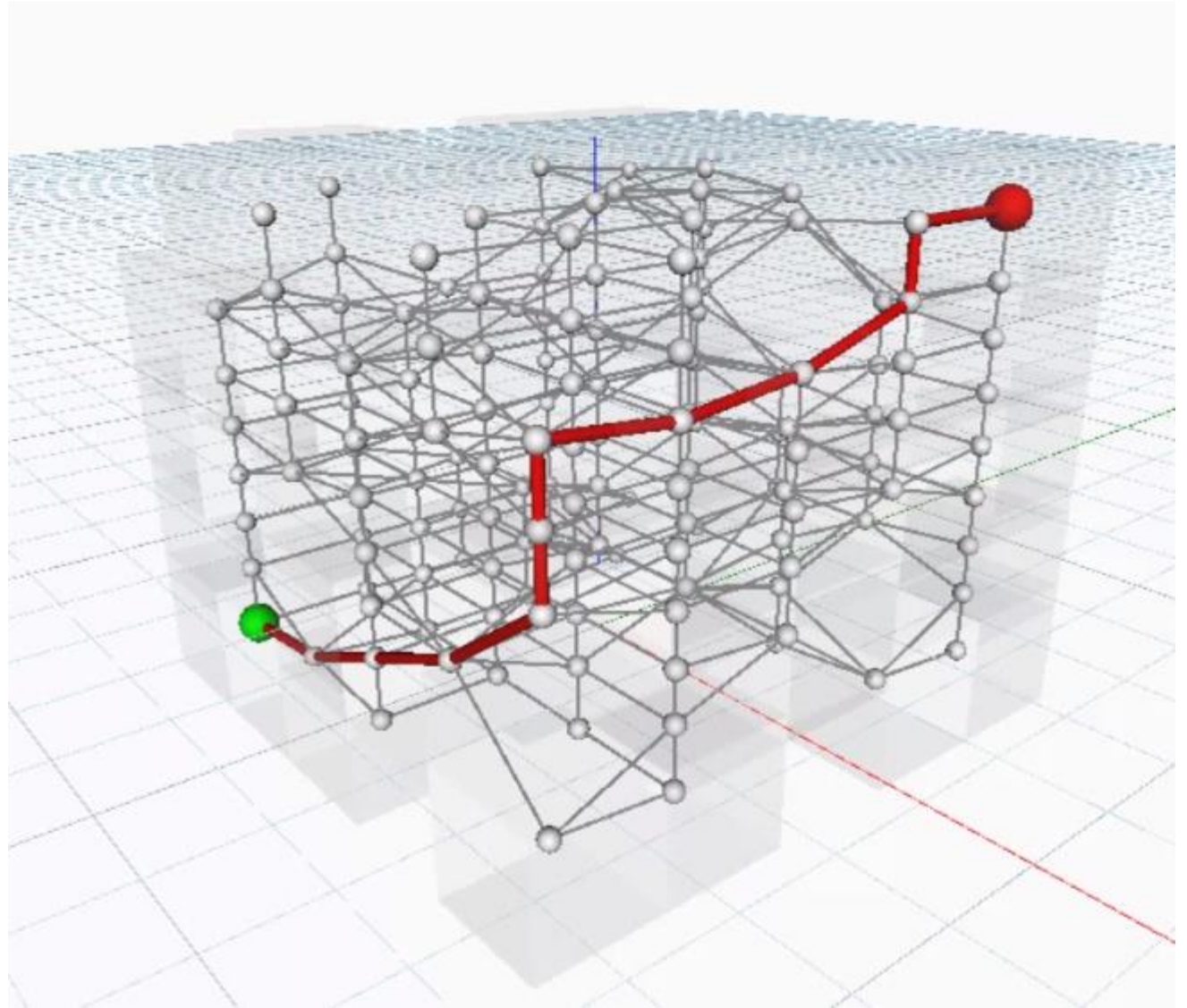
# Topologic

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# Previous videos in Python



API 4: Room Boundaries  
Python in Dynamo **17:24**

## Python in Dynamo: Room Boundaries (API 4)

Aussie BIM Guru • 335 views • 1 week ago

We continue exploring Dynamo, Python and Revit API by taking on room boundaries based on the ...



API 5: Create Area Lines  
Python in Dynamo **15:34**

## Python in Dynamo: Create Area Lines (API 5)

Aussie BIM Guru • 330 views • 1 week ago

We continue exploring Dynamo, Python and Revit API by taking the area lines and using them to create ...



API 6: Areas from Rooms  
Python in Dynamo **18:06**

## Python in Dynamo: Areas from Rooms (API 6)

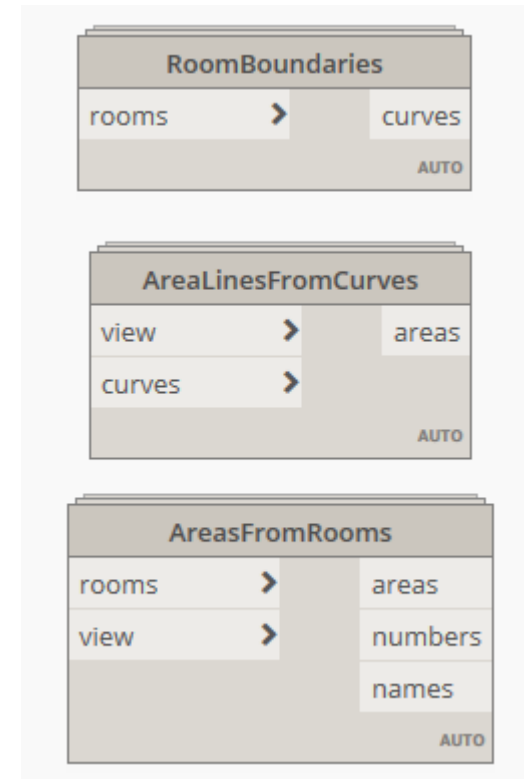
Aussie BIM Guru • 241 views • 3 days ago

We continue exploring Dynamo, Python and Revit API by generating areas from rooms, ensuring we also ...

New

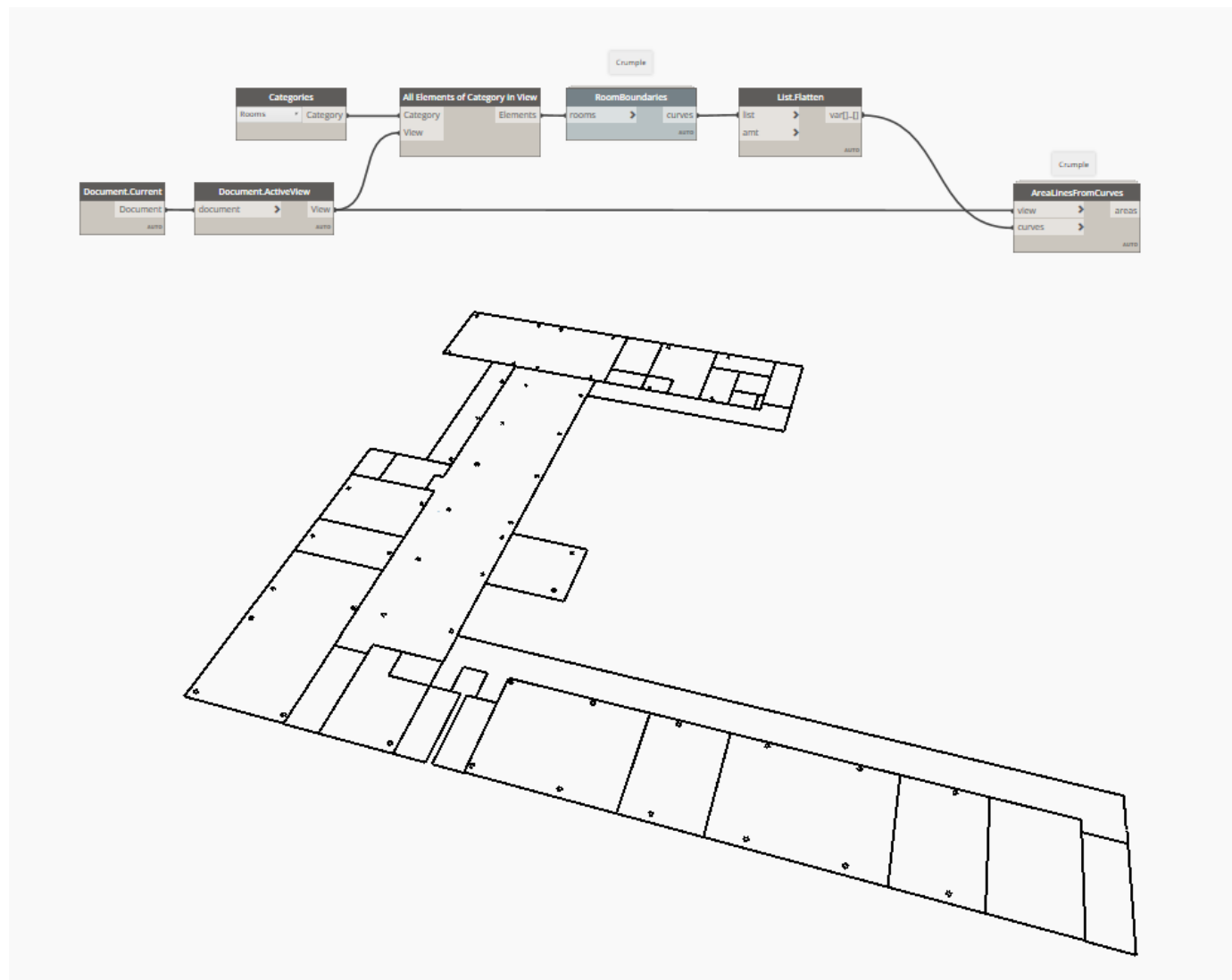
# Crumple

<https://github.com/aussieBIMguru/Crumple>

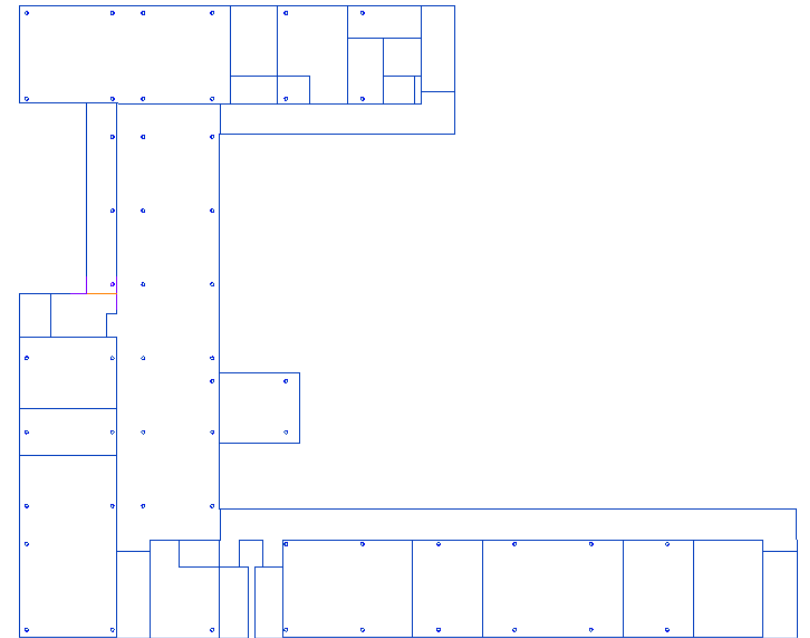
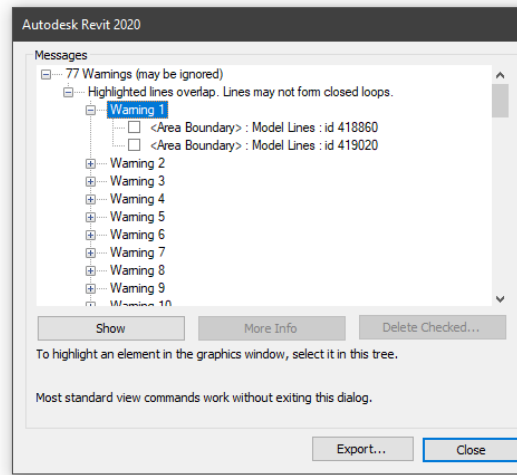




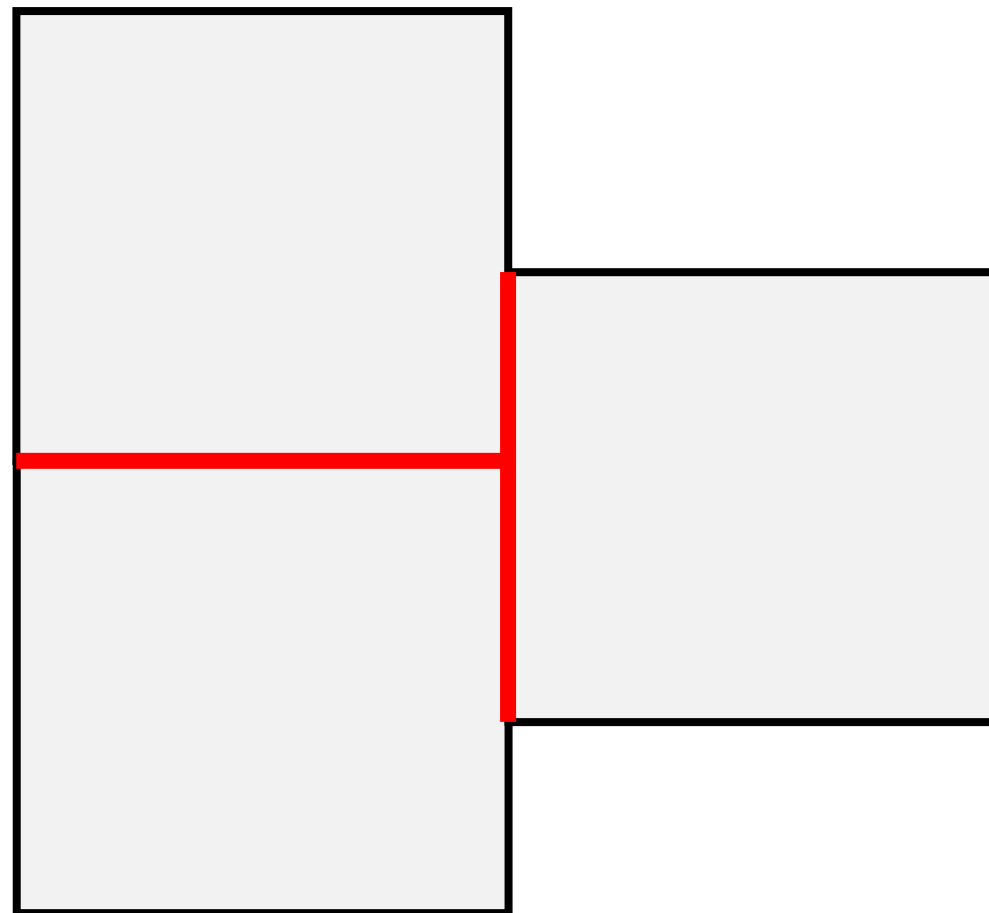
# A workflow



# The Problem



# The Problem



# What we're going to do

## 1) Using Dynamo

- Show the problem

## 2) Using Rhino Inside

- Generate model lines
- Manage overlaps

## 3) Using Dynamo

- Generate area lines from the non-overlapping lines

Anyway...

Let's get started!



Files are on  
github

<https://github.com/aussieBIMguru>

# Follow-up



Wassim Jabi · 1st



An alternative approach using Topologic and Dynamo, as well as ways we can take advantage of the output.



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