

# MEASURE ROOM DIMENSIONS USING **DYNAMO**

BY THE AUSSIE BIM GURU

**Thanks for  
the  
request!**



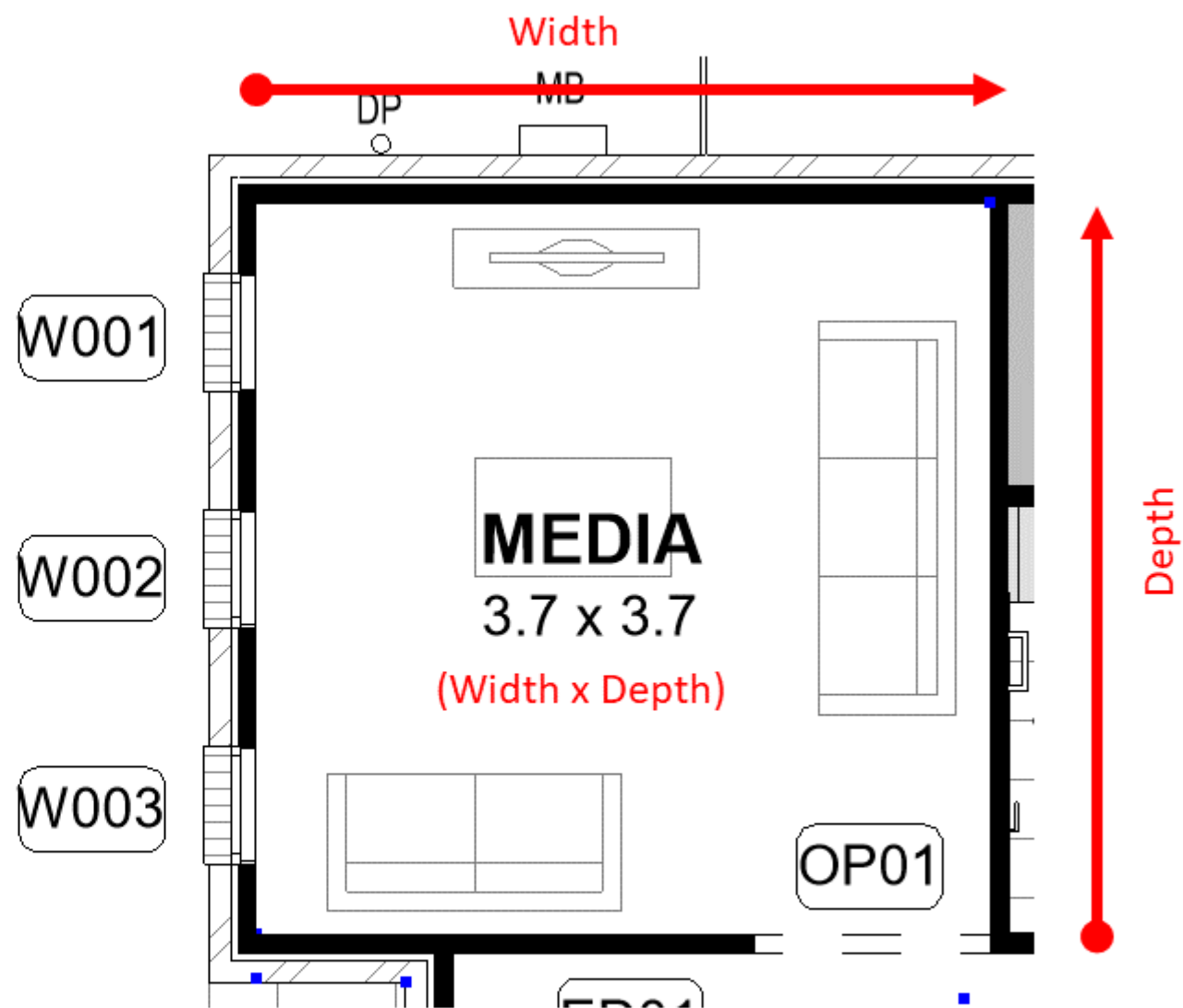
Pratyush Golchha · 3rd  
Architect  
Vijayawada, Andhra Pradesh, India



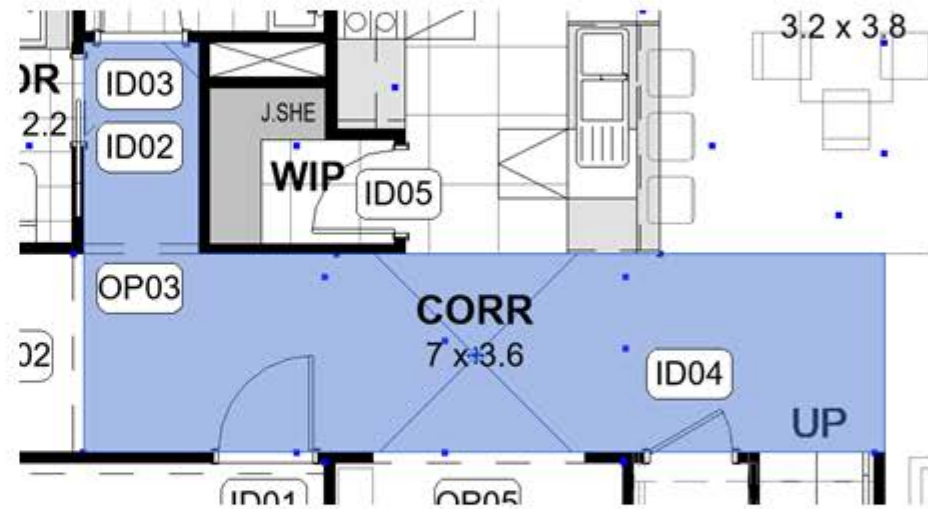
Pratyush Golchha · 2 days ago (edited)

Hi Gavin. Thanks for the video. Many times we have to also add the length and breadth of the rooms. I use shared parameter and manually enter the values. Could you please help with a simpler solution where maybe if we move walls, the dimensions also update accordingly? (The solution would work for simple rectangular rooms only and not other shapes)

# The goal

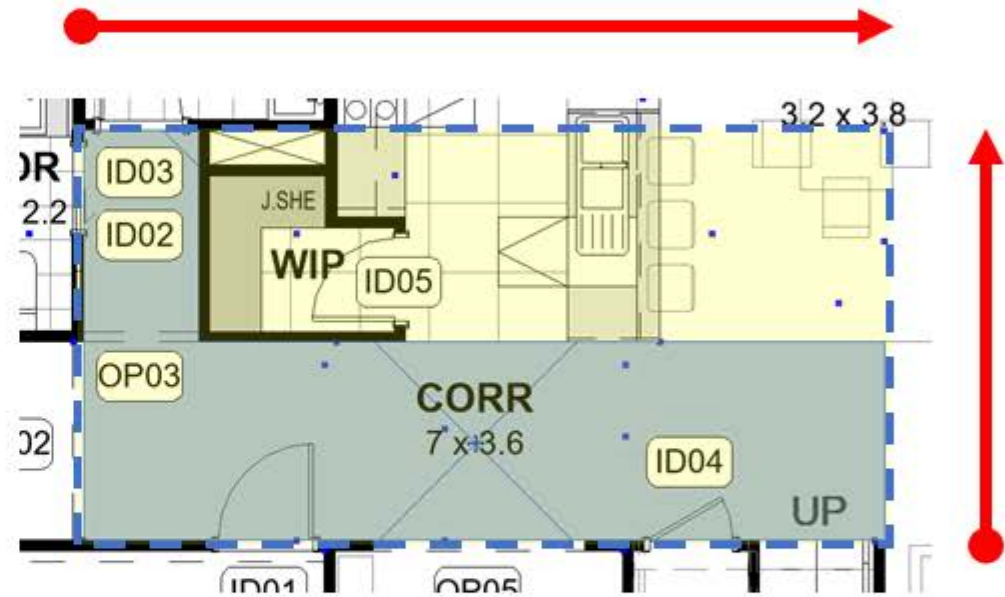


# Bounding Boxes



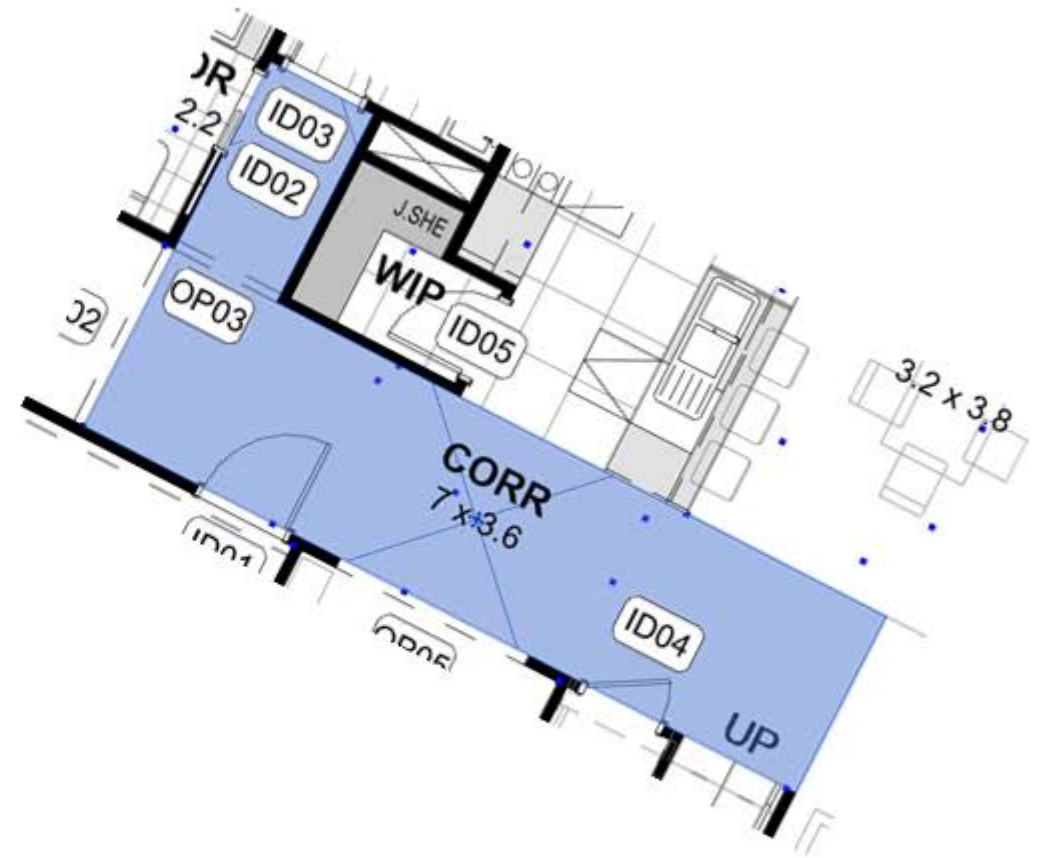
Won't work for all rooms!

# Bounding Boxes



Won't work for all rooms!

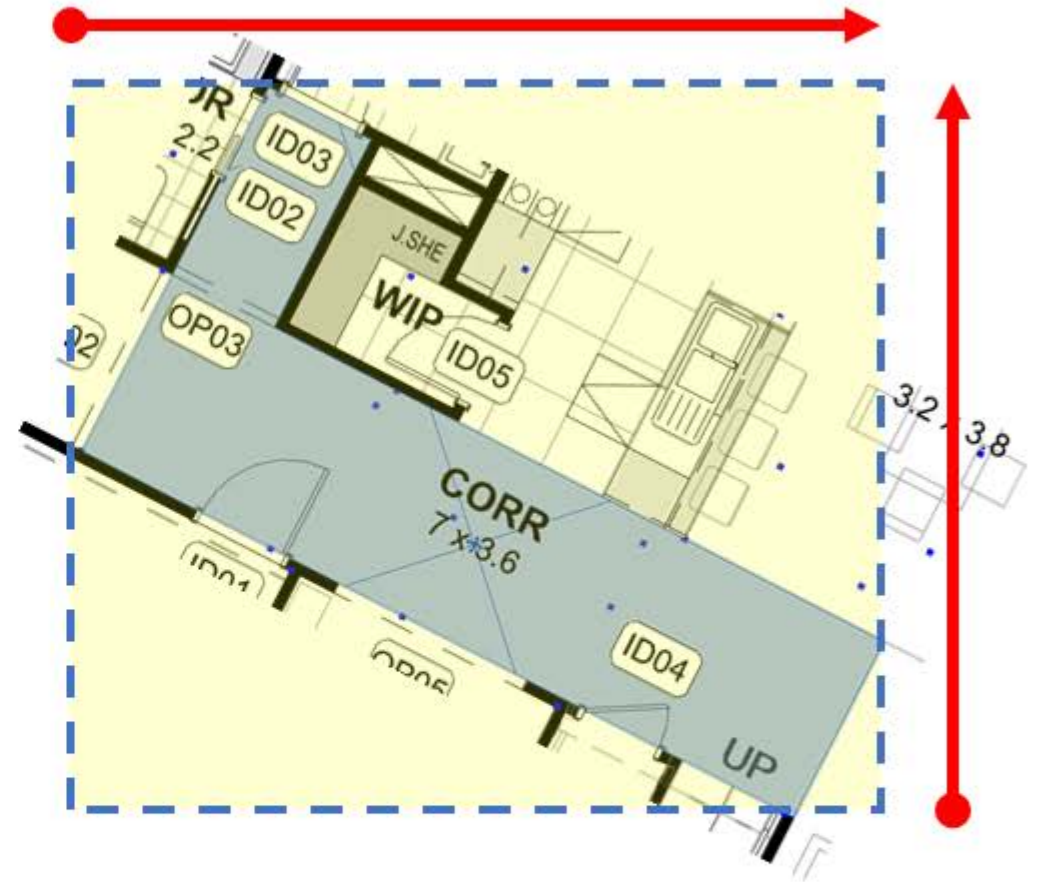
# Bounding Boxes



Won't work for all rooms!

# Bounding Boxes

Dynamo Y  
Axis



Axis alignment may be an issue



# Versioning



Revit 2020.2.2  
Dynamo 2.3.0

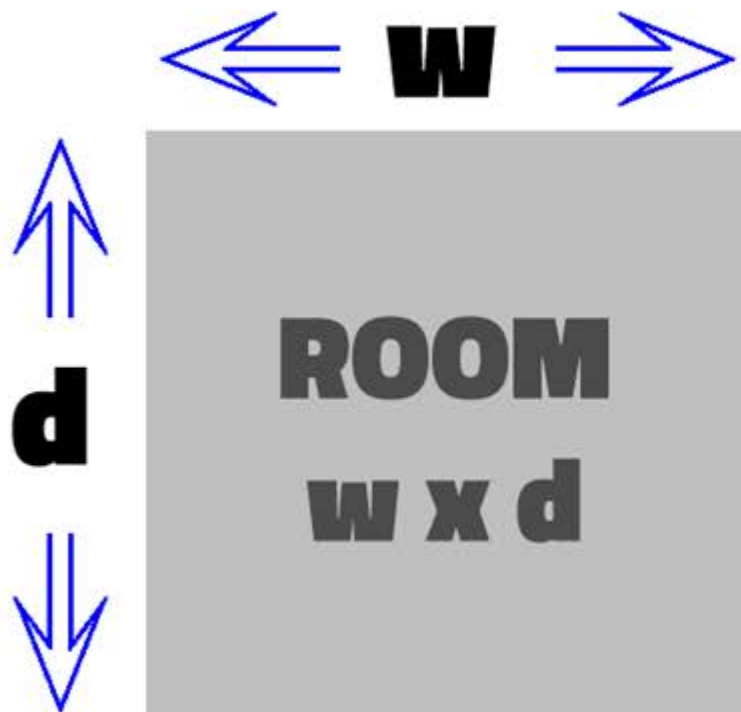


**Without further ado**



## **Files on github**

<https://github.com/aussieBIMguru>



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