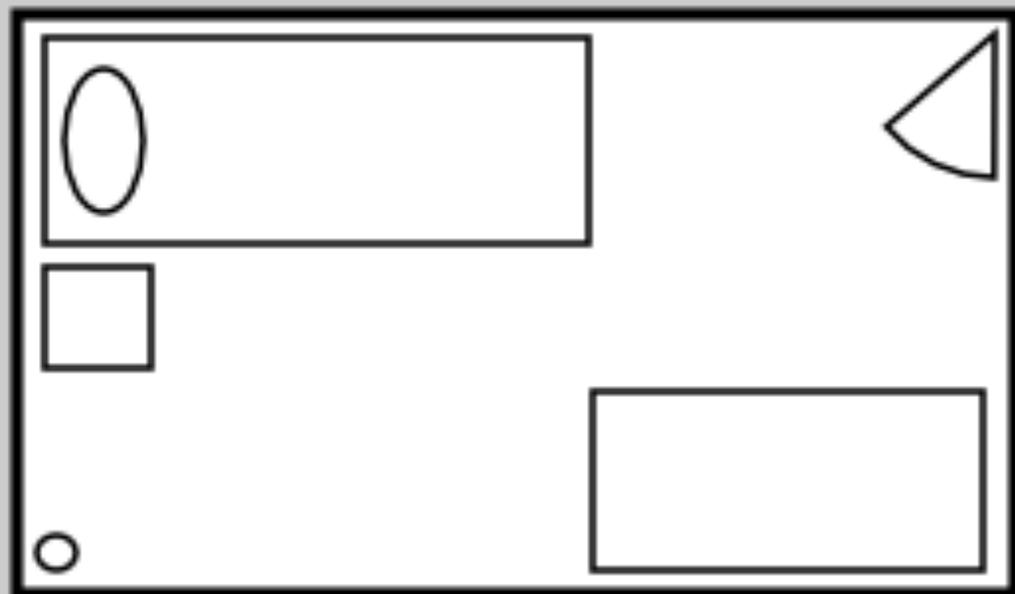


CSGRoom - Cooper Johnson (cooperdj)

Decide how best to use your space!

- Design room layouts
- Arrange furniture
- Collision detection
- Make complex shapes with constructive solid geometry (CSG)
- Share room and furniture presets
- Presets for UW dorm rooms/furniture



walls

furniture

bed
table
desk
lamp

width: in
height: in

- Alternatives have 3D and lots of furniture
- Alternatives *don't* have custom furniture

- FurnitureItem has Drawable and Collidable
- Detect collisions of primitives b/w actions
- Java/Swing, C++/FLTK/GL, JS/React, ...?

- CSG object rendering is probably hard
- Mouse interaction in left pane might be hard