

Goal



Find mirror
in bathroom

Unconstrained Vocabulary

Image edge
in M3DSG

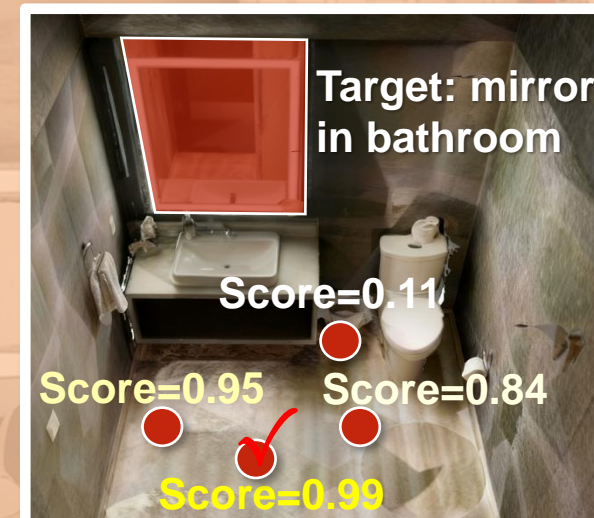


Plant

Vocabulary

not in
scene graph

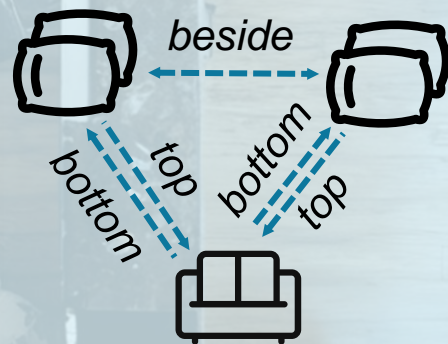
Last Mile in Navigation



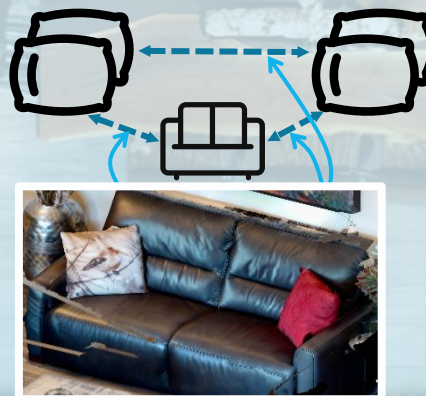
Arrived

Scene Graph Construction

Traditional

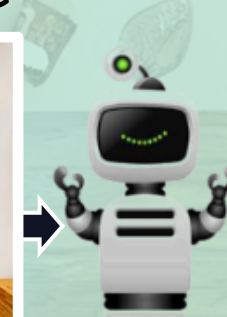


M3DSG (Ours)



Visual Replenishment

Image edge
in M3DSG



Reasoning

- "Right side is **TV** in scene graph."
- "But **it looks like mural** actually."
- TV can not next to bathroom, but mural can.
- "Left is bathroom"

Start Position