

## 1 Problem / Input



### Visual Data Request



Task Goal



Source Images



Masks



Meshes



### Weak Editing Behavior



Rotations



Identity Shift



Artifacts



Inconsistent Lighting



Benchmark Weakness

## 2 Visual Data Construction



### DataEvolver

1

WebSearch&  
Plan



2

Artifact  
Graph



3

VLM  
Review



4

Bounded  
Repair



5

Quality  
Gate



Render



Review



Repair



Render

Inner Loop (Per-Object)



Benchmark  
Feedback



Targeted  
Data

Outer Loop (Across Objects)

## 3 Output / Benefit



### Controlled Dataset



### Accepted Artifacts



Curated  
Pairs



Provenance  
Logs



Metadata  
& Tags



### Downstream Gain

