

Creative Task

Instruction (l)

“build a
sandstone
palace”

Creative Agents

Imaginator

$I(g|l)$

LLM CoT

**Diffusion
Model**

Imagination (g)

“1. Size: 10x10x12
2. Made of sandstone
3. It has an entrance”



Controller

$\pi(a|s, g, l)$

**GPT-4(V)
Code Gen.**

**BC
Controller**

Creation

