# Novel (Procedural) Shape Program Synthesis
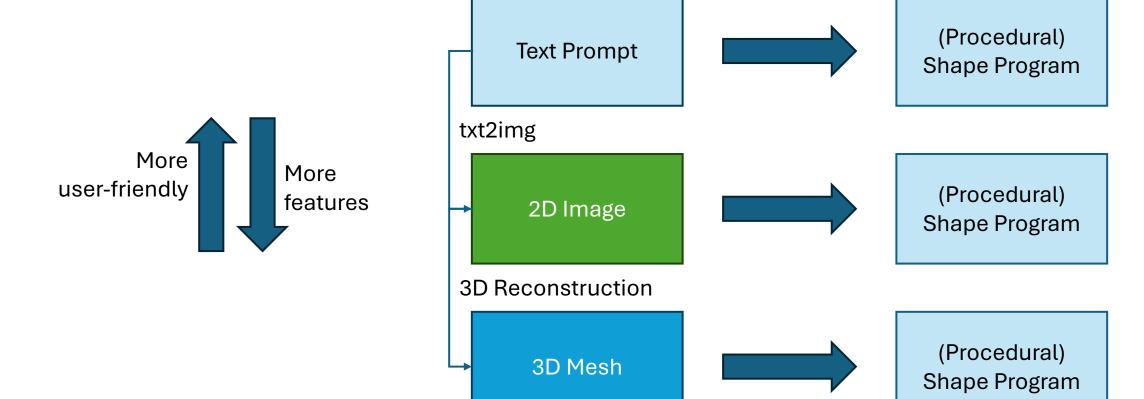
Input

Output

More user-friendly

More features

Text Prompt

→ (Procedural) Shape Program

txt2img

2D Image

→ (Procedural) Shape Program

3D Reconstruction

3D Mesh

→ (Procedural) Shape Program