



DIFFUSION EXPLAINER

Interactive Visual Learning for Stable Diffusion

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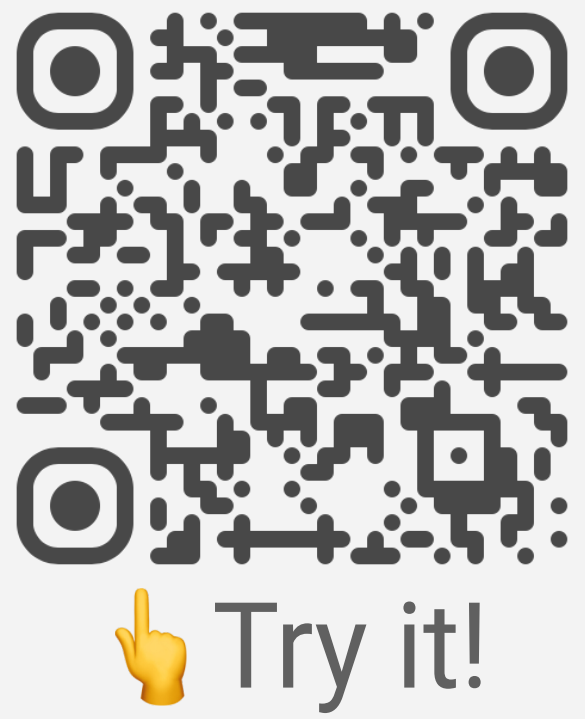
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Explains how Stable Diffusion transforms text prompts into images

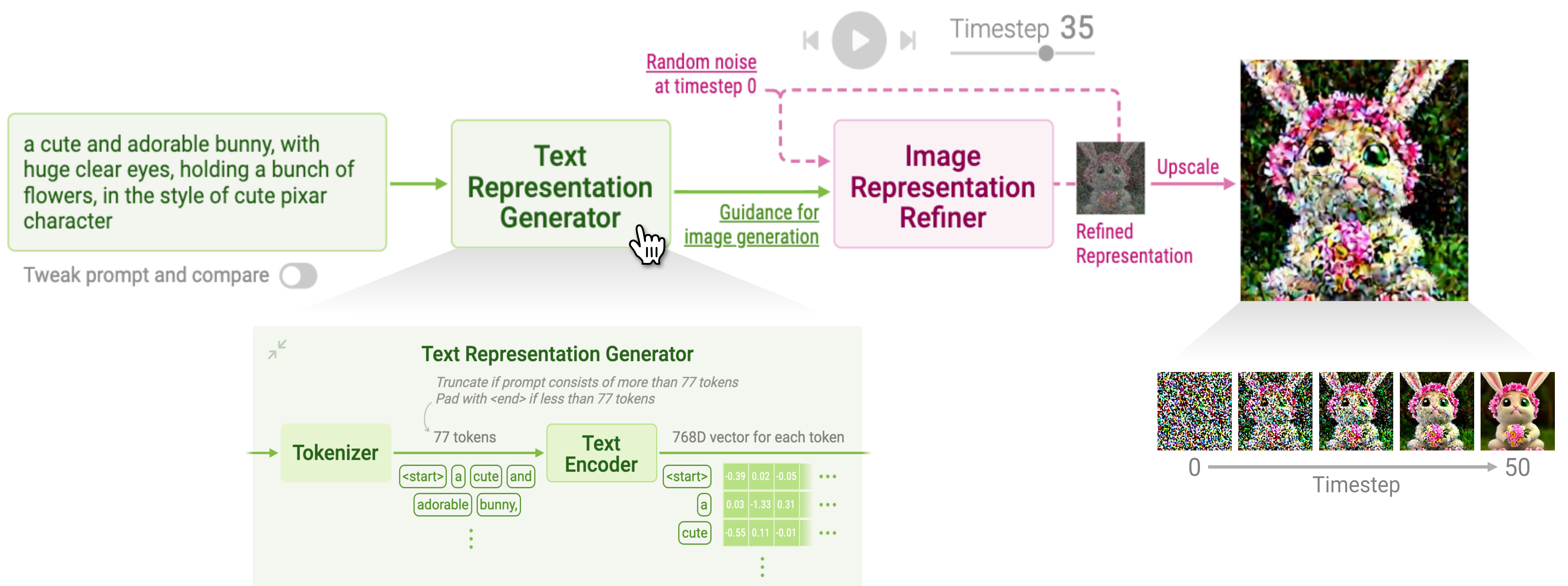
poloclub.github.io/diffusion-explainer

Try it!

Architecture View

Provides an **overview** of Stable Diffusion's image generation process

- ✓ Visual overview of complex model structure
- ✓ Interactively show detailed explanations of underlying operations



Refinement Comparison View

Compares the **evolution of image representations** for two prompts

- ✓ Reveal how prompt keywords affect evolution
- ✓ Discover the impact of prompts on image generation

