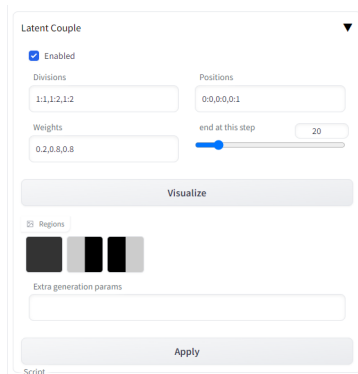

Latent Couple extension (two shot diffusion port)

This extension is an extension of the built-in Composable Diffusion. This allows you to determine the region of the latent space that reflects your subprompts.

How to use



The screenshot shows a settings panel titled "Latent Couple" with a dropdown arrow. It contains several input fields and a slider. The "Enabled" checkbox is checked. The "Divisions" field contains "1:1,1:2,1:2". The "Positions" field contains "0:0,0:0,0:1". The "Weights" field contains "0:2,0:8,0:8". The "end at this step" slider is set to 20. Below these fields is a "Visualize" button. Underneath, there is a section labeled "Regions" showing three vertical bars of different shades of gray. Below that is an "Extra generation params" text area. At the bottom is an "Apply" button. A small "Script" label is visible at the very bottom left of the panel.

Enabled

The effect of Latent Couple appears only when Enabled is checked.

Divisions, Positions, and Weights

Regions are created based on these parameters.

end at this step

The processing of Latent Couple is performed until the specified step is reached.

Visualize button and Regions

Press the Visualize button and you will get an image grid that visualizes the regions represented by the parameters.

Extra generation params and Apply button

When you press the Send to button in PNG Info, the parameters of the saved Latent Couple are set to Extra generation params. Press the Apply button to actually apply the parameters.

Extra generation params

Extra generation params provided by this extension are saved as PNG Info in the output file.

```
1 Latent Couple: "divisions=1:1,1:2,1:2 positions=0:0,0:0,0:1 weights
  =0.2,0.8,0.8 end at step=20"
```

Examples

parameters

```
1 ((ultra-detailed)), ((illustration)), 2girls
2 AND ((ultra-detailed)), ((illustration)), 2girls, black hair
3 AND ((ultra-detailed)), ((illustration)), 2girls, blonde hair
4 Negative prompt: (low quality, worst quality:1.4)
5 Steps: 28, Sampler: Euler a, CFG scale: 5, Seed: 722014241, Size: 512
  x512, Model hash: 3f64f3baf5, Model: Anything-v3.0-fp16, ENSD:
  31337, Latent Couple: "divisions=1:1,1:2,1:2 positions=0:0,0:0,0:1
  weights=0.2,0.8,0.8 end at step=20", Eta: 0.67
```

outputs - end at step=20 <https://imgur.com/OEaRFgh> - end at step=4 <https://imgur.com/a1kyvhX> - end at step=0 <https://imgur.com/yhGF7g8>

Old prerequisite

This extension need to apply `cfg_denoised_callback-ea9bd9fc.patch` (as of Feb 5, 2023 origin/HEAD commit ea9bd9fc).

```
1 git apply --ignore-whitespace extensions/stable-diffusion-webui-two-
  shot/cfg_denoised_callback-ea9bd9fc.patch
```

Credits

- two shot diffusion.ipynb https://colab.research.google.com/drive/1UdElpQfKFjY5luch9v_LLmSdH7AmeiDe?usp