## Stable Diffusion checkpoint

**Apply settings**

## Saving images/grids

☑ Always save all generated images

File format for images

jpg

Images filename pattern

[seed] - [width]x[height] - c[cfg] s[steps] - [prompt_no_styles] [
[styles]] - [datetime]

☑ Always save all generated image grids

File format for grids

jpg

☑ Add extended info (seed, prompt) to filename when saving grid

☑ Do not save grids consisting of one picture

☐ Prevent empty spots in grid (when set to autodetect)

Grid row count; use -1 for autodetect and 0 for it to
be same as batch size                                    -1

## Upscaling

Tile size for ESRGAN upscalers. 0 = no tiling.           192

Tile overlap, in pixels for ESRGAN upscalers. Low        8
values = visible seam.

Select which Real-ESRGAN models to show in the
web UI. (Requires restart)

☐ R-ESRGAN General 4xV3

☐ R-ESRGAN General WDN 4xV3          ☐ R-ESRGAN AnimeVideo

☐ R-ESRGAN 4x+          ☐ R-ESRGAN 4x+ Anime6B

☐ R-ESRGAN 2x+

Tile size for all SwinIR.                                 192

Tile overlap, in pixels for SwinIR. Low values =         8
visible seam.

be same as batch size

☑ Save text information about generation parameters as chunks to png files

☐ Create a text file next to every image with generation parameters.

☑ Save a copy of image before doing face restoration.

Quality for saved jpeg images                    | 90 |

☑ If PNG image is larger than 4MB or any dimension is larger than 4000, downscale and save copy as JPG

☑ Use original name for output filename during batch process in extras tab

☐ When using 'Save' button, only save a single selected image

☑ Do not add watermark to images

## Paths for saving

Output directory for images; if empty, defaults to three directories below

Output directory for txt2img images

outputs/txt2img

Output directory for img2img images

LDSR processing steps. Lower = faster                | 100 |

Upscaler for img2img

Lanczos                                                           ∨

☐ Upscale latent space image when doing hires. fix

## Face restoration

Face restoration model

○ CodeFormer        ○ GFPGAN        ◉ None

CodeFormer weight parameter; 0 = maximum effect; 1 = minimum effect     | 0.5 |

☑ Move face restoration model from VRAM into RAM after processing

## System

VRAM usage polls per second during generation. Set to 0 to disable.      | 8 |

☐ Always print all generation info to standard output

☑ Add a second progress bar to the console that shows progress for an entire job.

outputs/img2img

Output directory for images from extras tab

outputs/extras

Output directory for grids; if empty, defaults to two
directories below

Output directory for txt2img grids

outputs/txt2img

Output directory for img2img grids

outputs/img2img

Directory for saving images using the Save button

outputs/save

## Saving to a directory

- [ ] Save images to a subdirectory

- [ ] Save grids to a subdirectory

- [ ] When using "Save" button, save images to a subdirectory

Directory name pattern

## Training

- [x] Move VAE and CLIP to RAM when training hypernetwork. Saves
VRAM.

Filename word regex

Filename join string

Number of repeats for a single input image per
epoch; used only for displaying epoch number

1

Save an csv containing the loss to log directory
every N steps, 0 to disable

500

## Stable Diffusion

Checkpoints to cache in RAM                    0

Hypernetwork

None                                                              ⌄

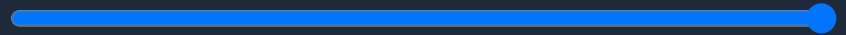Hypernetwork strength                            1

Max prompt words for [prompt_words] pattern

8

Hypernetwork strength

☐ Apply color correction to img2img results to match original colors.

☐ Save a copy of image before applying color correction to img2img results

☑ With img2img, do exactly the amount of steps the slider specifies (normally you'd do less with less denoising).

☑ Enable quantization in K samplers for sharper and cleaner results. This may change existing seeds. Requires restart to apply.

☑ Emphasis: use (text) to make model pay more attention to text and [text] to make it pay less attention

☐ Use old emphasis implementation. Can be useful to reproduce old seeds.

☑ Make K-diffusion samplers produce same images in a batch as when making a single image

Increase coherency by padding from the last comma within n tokens when using more than 75 tokens

20

☐ Filter NSFW content

Stop At last layers of CLIP model

1

Allowed categories for random artists selection when using the Roll button

☐ anime          ☐ black-white          ☐ c          ☐ cartoon

☐ digipa-high-impact   ☐ digipa-low-impact

☐ digipa-med-impact   ☐ fareast   ☐ fineart

☐ n   ☑ nudity   ☐ scribbles   ☐ special

☐ ukioe   ☐ weird

## Interrogate Options

☐ Interrogate: keep models in VRAM

☑ Interrogate: use artists from artists.csv

☐ Interrogate: include ranks of model tags matches in results (Has no effect on caption-based interrogators).

Interrogate: num_beams for BLIP                                    | 1 |

Interrogate: minimum description length (excluding artists, etc..)   | 24 |

Interrogate: maximum description length                            | 48 |

CLIP: maximum number of lines in text file (0 = No limit)

| 1500 |

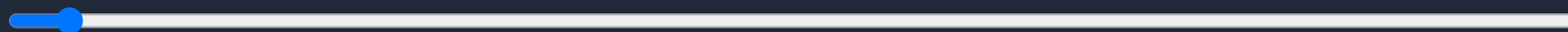Interrogate: deepbooru score threshold                            | 0.5 |

☑ Interrogate: deepbooru sort alphabetically

☑ use spaces for tags in deepbooru

☑ escape (\) brackets in deepbooru (so they are used as literal brackets and not for emphasis)

## User interface

☑ Show progressbar

Show image creation progress every N sampling steps. Set 0 to disable.

| 1 |

☑ Show previews of all images generated in a batch as a grid

☑ Show grid in results for web

☐ Do not show any images in results for web

☐ Add model hash to generation information

☐ Add model name to generation information

☐ When reading generation parameters from text into UI (from PNG info or pasted text), do not change the selected model/checkpoint.

Font for image grids that have text

arial.ttf

☑ Enable full page image viewer

☑ Show images zoomed in by default in full page image viewer

☑ Show generation progress in window title.

## Quicksettings list

sd_model_checkpoint

## Localization (requires restart)

None

## Sampler parameters

### Hide samplers in user interface (requires restart)

☐ Euler a  ☐ Euler  ☐ LMS  ☐ Heun  ☐ DPM2  ☐ DPM2 a  ☐ DPM fast  ☐ DPM adaptive

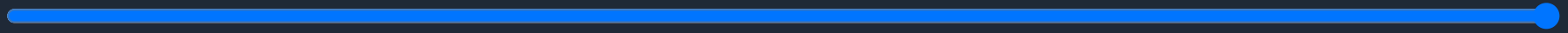☐ LMS Karras  ☐ DPM2 Karras  ☐ DPM2 a Karras  ☐ DDIM  ☐ PLMS

**eta (noise multiplier) for DDIM**  `0`

**eta (noise multiplier) for ancestral samplers**  `1`

### img2img DDIM discretize

⦿ uniform  ◯ quad

**sigma churn**  `0`

**sigma tmin**  `0`

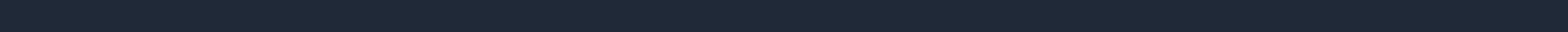**sigma noise**  `1`

Eta noise seed delta

0

## Images Browser

☐ Preload images at startup

Number of pictures displayed on each page

36

Minimum number of pages per load

6

Number of grids in each row

6

| Request browser notifications | Download localization template |

| Reload custom script bodies (No ui updates, No restart) | Restart Gradio and Refresh components (Custom Scripts, ui.py, js and css only) |