

Нейросети. Прототипирование архитектуры

# Automatic1111

# Основы интерфейса

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# Интерфейс Automatic1111

промпт и негативный промпт

выбор модели

Stable Diffusion checkpoint

v1-5-pruned-emaonly.ckpt [cc6cb27103]

txt2img

img2img

Extras

PNG Info

Checkpoint Merger

Train

Settings

Extensions

Prompt (press Ctrl+Enter or Alt+Enter to generate)

0/75

Generate

Negative prompt (press Ctrl+Enter or Alt+Enter to generate)

0/75

Generation

Textual Inversion

Hypernetworks

Checkpoints

Lora

Sampling method

Euler a

Sampling steps

20

Hires. fix

Refiner

Width

512

Batch count

1

Height

512

Batch size

1

CFG Scale

7

Seed

-1

Extra

ControlNet v1.1.220

Script

None

# Интерфейс Automatic1111

промпт и негативный промпт

поле для ввода промпта

поле для ввода  
негативного промпта

Stable Diffusion checkpoint

v1-5-pruned-emaonly.ckpt [cc6cb27103]

txt2img

img2img

Extras

PNG Info

Checkpoint Merger

Train

Settings

Extensions

Prompt (press Ctrl+Enter or Alt+Enter to generate)

0/15

Generate

Negative prompt (press Ctrl+Enter or Alt+Enter to generate)

0/15

Generation

Textual Inversion

Hypernetworks

Checkpoints

Lora

Sampling method

Euler a

Sampling steps

20

Hires. fix

Refiner

Width

512

Batch count

1

Height

512

Batch size

1

CFG Scale

7

Seed

-1

Extra

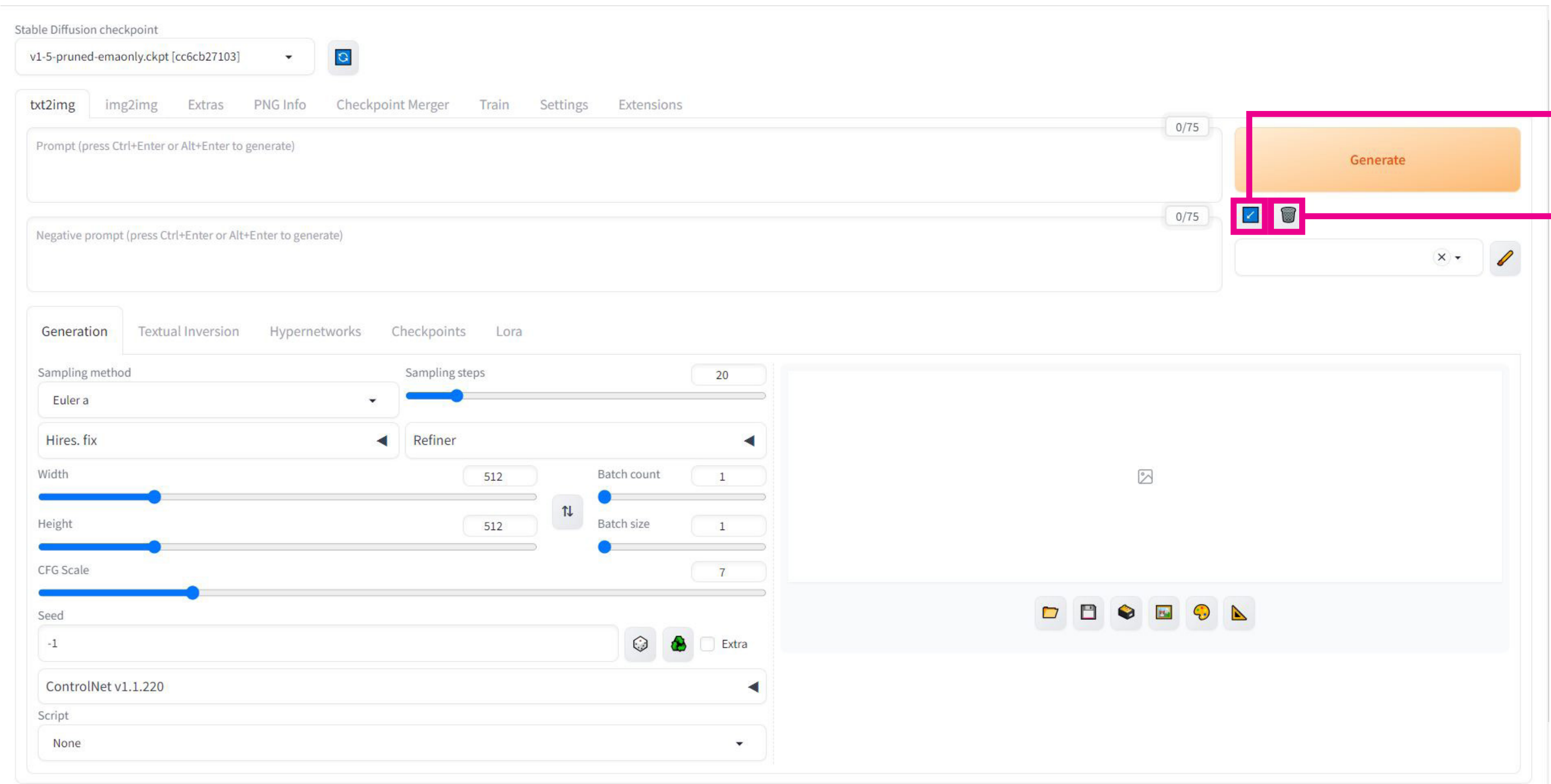
ControlNet v1.1.220

Script

None

# Интерфейс Automatic1111

## Восстановление и удаление промптов



восстановление  
удаленного промпта

удаление промпта и  
негативного промпта

# Интерфейс Automatic1111

Математическая функция, задающая правила обработки входного шума

рекомендуется использовать:

- Euler a
- DPM++ 2M Karras

The screenshot displays the Automatic1111 web interface. At the top, a dropdown menu shows the selected checkpoint: 'v1-5-pruned-emaonly.ckpt [cc6cb27103]'. Below this is a navigation bar with tabs: 'txt2img', 'img2img', 'Extras', 'PNG Info', 'Checkpoint Merger', 'Train', 'Settings', and 'Extensions'. The 'txt2img' tab is active. It features two text input fields: 'Prompt (press Ctrl+Enter or Alt+Enter to generate)' and 'Negative prompt (press Ctrl+Enter or Alt+Enter to generate)', both with a '0/75' character count. To the right of these fields is a large orange 'Generate' button and a small trash icon. Below the prompts is a 'Generation' tab with sub-tabs: 'Generation', 'Textual Inversion', 'Hypernetworks', 'Checkpoints', and 'Lora'. The 'Generation' sub-tab is selected. It contains several settings: 'Sampling method' (a dropdown menu with 'Euler a' selected, highlighted by a pink box and a line from the text 'рекомендуется использовать:'), 'Sampling steps' (a slider set to 20), 'Hires. fix' (a checkbox), 'Refiner' (a dropdown menu), 'Width' (a slider set to 512), 'Height' (a slider set to 512), 'CFG Scale' (a slider), 'Batch count' (a slider set to 1), 'Batch size' (a slider set to 1), 'Seed' (a text input with '-1'), 'ControlNet v1.1.220' (a dropdown menu), and 'Script' (a dropdown menu with 'None'). At the bottom right, there is a large image preview area with a toolbar containing icons for folder, save, delete, image, and other functions.

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## Sampling steps

Влияет на качество финального изображения. Рекомендуется использовать значения от 20 до 50 в зависимости от мощности ПК.

Stable Diffusion checkpoint  
v1-5-pruned-emaonly.ckpt [cc6cb27103]

txt2img img2img Extras PNG Info Checkpoint Merger Train Settings Extensions

Prompt (press Ctrl+Enter or Alt+Enter to generate) 0/75

Negative prompt (press Ctrl+Enter or Alt+Enter to generate) 0/75

Generation Textual Inversion Hypernetworks Checkpoints Lora

Sampling method Euler a

Hires. fix Refiner

Width 512 Batch count 1

Height 512 Batch size 1

CFG Scale 7

Seed -1

ControlNet v1.1.220

Script None

Sampling steps 20

Generate

Icons: folder, save, cube, image, speech bubble, triangle



# Интерфейс Automatic1111

## Seed

Переменная в формуле отвечающей за генерацию шума из которого возникает изображение

Stable Diffusion checkpoint

v1-5-pruned-emaonly.ckpt [cc6cb27103]

txt2img

img2img

Extras

PNG Info

Checkpoint Merger

Train

Settings

Extensions

Prompt (press Ctrl+Enter or Alt+Enter to generate)

0/75

Generate

Negative prompt (press Ctrl+Enter or Alt+Enter to generate)

0/75

Generation

Textual Inversion

Hypernetworks

Checkpoints

Lora

Sampling method

Euler a

Sampling steps

20

Hires. fix

Refiner

Width

512

Batch count

1

Height

512

Batch size

1

CFG Scale

7

Seed

-1

Extra

ControlNet v1.1.220

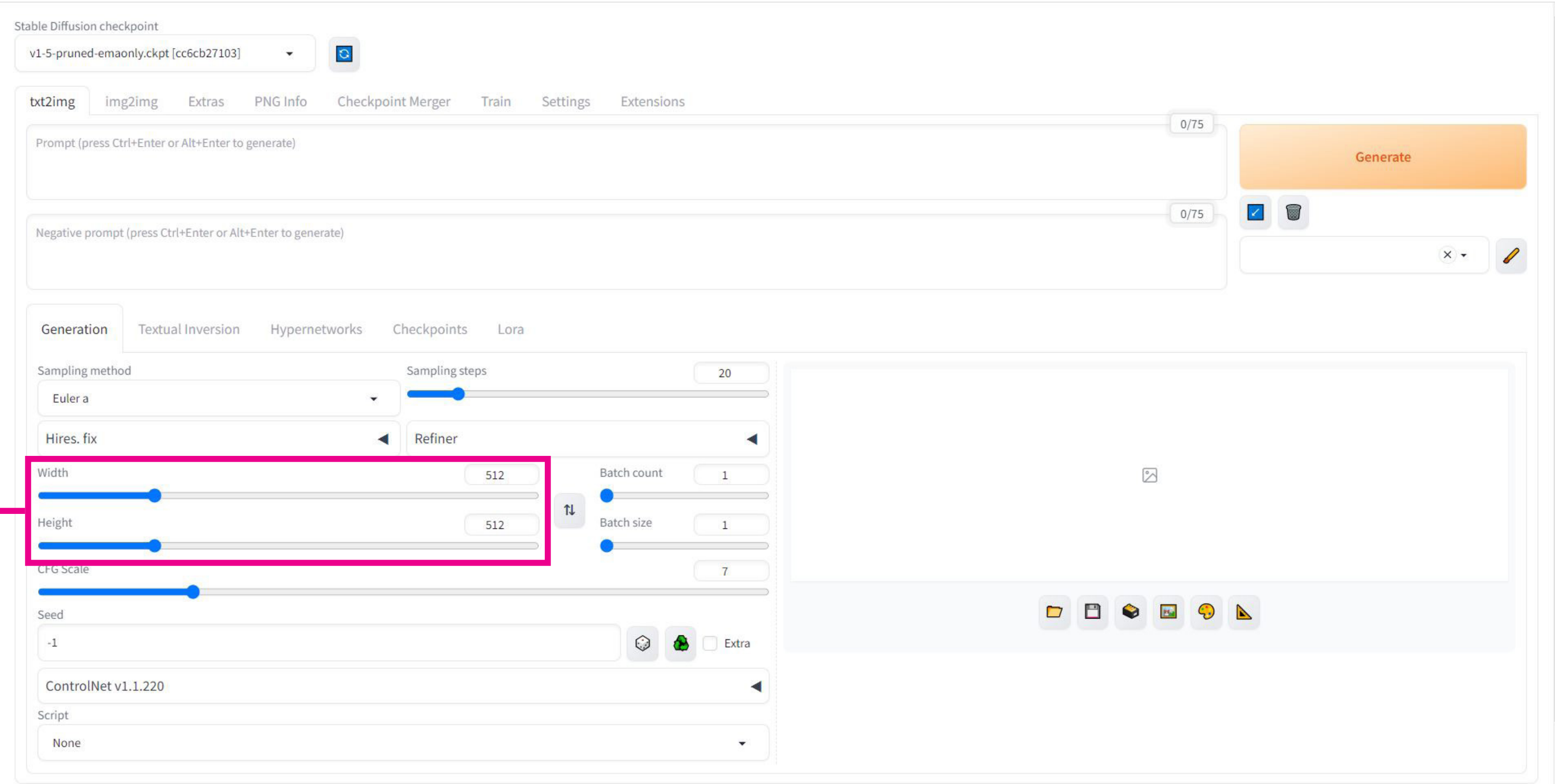
Script

None

# Интерфейс Automatic1111

## Размер изображения

Настройка размера изображения



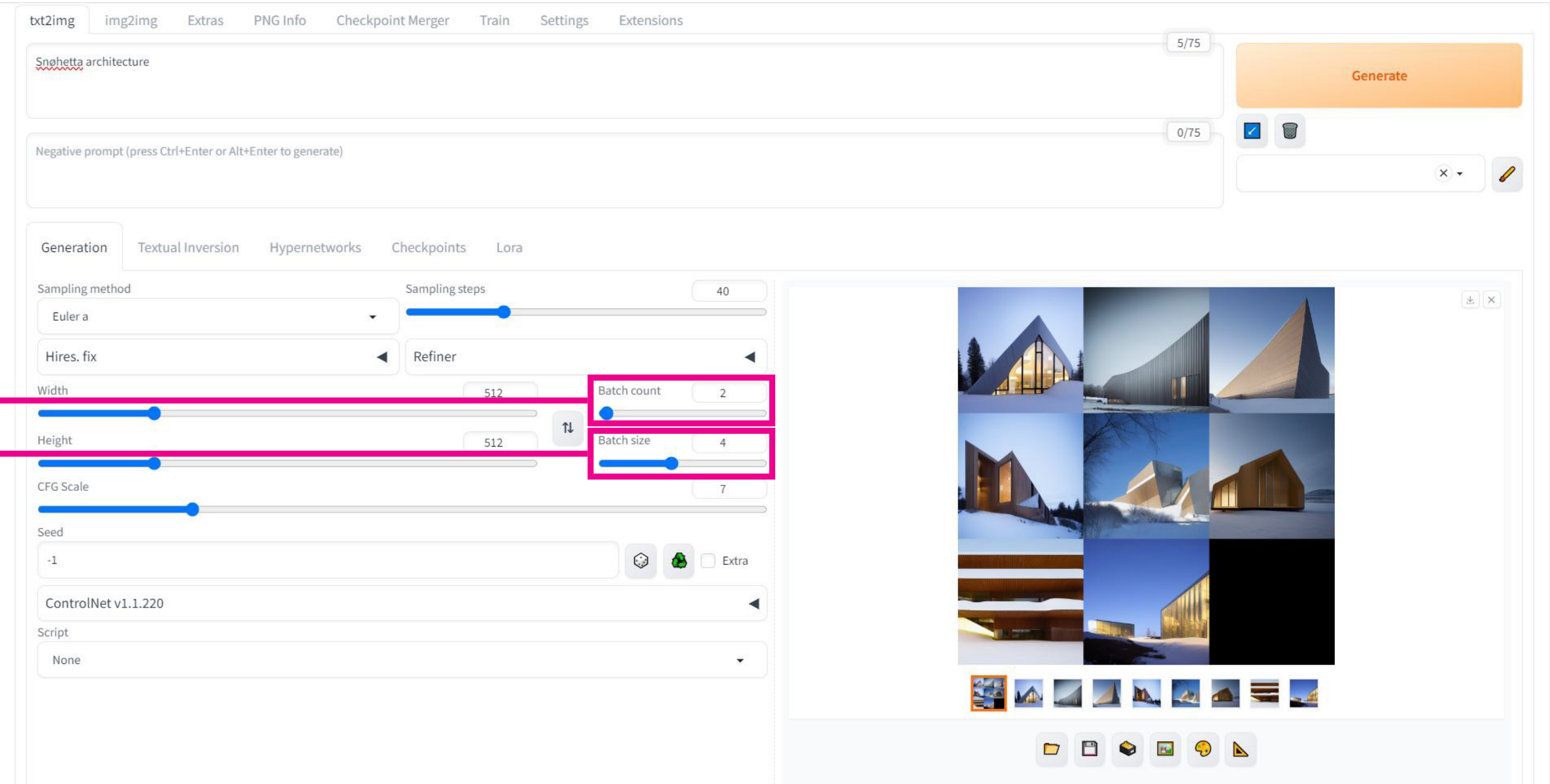


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Количество генераций за один раз

Количество генераций

Количество генераций создающихся одновременно (стоит использовать, если у вас мощная видеокарта)



# Интерфейс Automatic1111

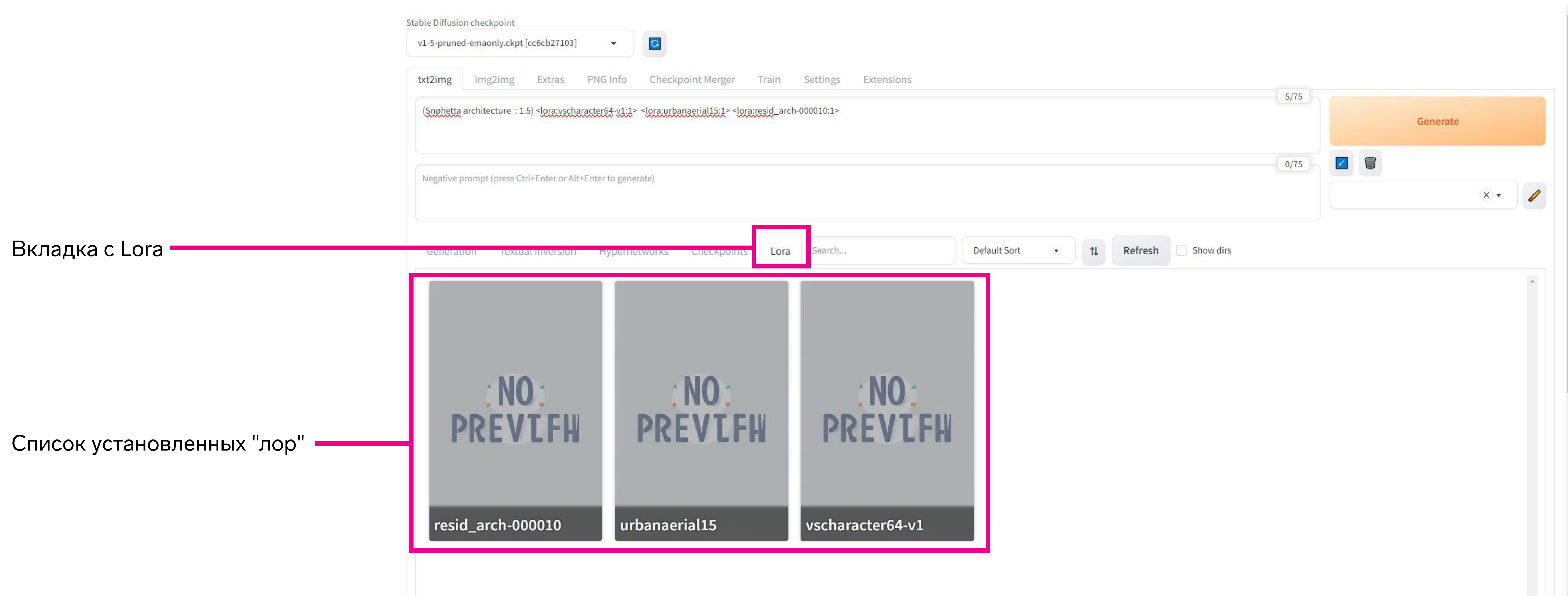
CFG Scale (величина соответствия текстовому запросу)

Чем больше значение, тем изображение ближе к промπτу. Рекомендуется использовать стандартное значение (7) или близкое к нему.

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## Lora



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Img2img

Подгонка разрешения под исходное изображение

☒ Just resize☐ Crop and resize☐ Resize and fill☐ Just resize (latent upscale)

Sampling method

Euler a

Sampling steps

20

☐ Refiner

Resize to

Width

512

Height

512

Resize by

↕

⚡

Batch count

1

Batch size

1

CFG Scale

7

Seed

-1

🎲

🌱

☐ Extra

Denoising strength

0.75

# Интерфейс Automatic1111

Img2img

Масштабирование исходного разрешения

Euler a

☐ Refiner

Resize to

Resize by

Scale

0.3

resize: from 2880x1620 to 864x486

Batch count

1

Batch size



1

CFG Scale

7

Seed

-1



☐ Extra

Denoising strength

0.75

ControlNet v1.1.416

# Интерфейс Automatic1111

Img2img

Сила зашумления исходного изображения

Just resize

Crop and resize

Resize and fill

Just resize (latent upscale)

Sampling method

Euler a

Sampling steps

20

Refiner

Resize to

Resize by

Width

Height

512

512

↕

⚠

Batch count

Batch size

1

1

CFG Scale

7

Seed

-1

Extra

Denoising strength

0.75

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