

Beginner's Guide To Stable Diffusion

Generative AI Art for Gamers

February 16th, 2025

Objective of This Presentation

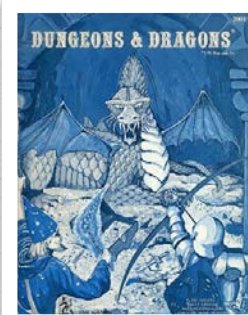
To introduce Stable Diffusion and how it can be used by gamers, with a focus on practical use and advice.

Yes, there are concerns and issues with Generative AI art and I will discuss these as well.

Who Am I

Clyde Lee Graham

- Software QA Engineer, 20+ years experience. Have worked for Apple, Microsoft, and others
- How long have I been gaming?
- Generating AI art for less than a year
 - I do not consider myself to be an artist



Definitions

- * AI Art - artwork that is generated with a computer program, often using machine learning or neural networks. AKA Generative Art
- * LLM - Large Language Models interpret text prompts and guide the image generation process

How Can You Use AI Art

- * As a player
- * As a game master
- * As a publisher



Players

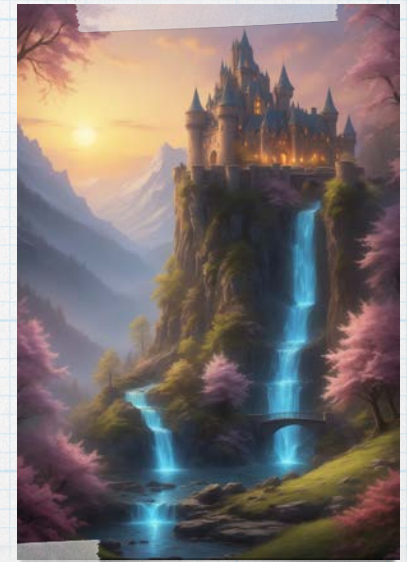
* Character portraits is likely what you'll be using it for the most

* Concept Art



Game Masters

- * Also character portraits, but potentially a lot more of them.
- * Monsters/Aliens
- * Landscape/Scenery
- * Battlemats and Maps



Publishing

- * Pretty much everything we've already discussed. However...

Concerns

* Publishing Concerns

- AI art is not copyrightable (without substantial editing)
- Not all models allow for commercial use
- Some publishers or distributors require disclosure of AI art
- The use of AI art will alienate some of your customers

* Environmental Concerns

- Can be both power and water intensive at scale

* Ethical Concerns

- Most models have been trained on images off the internet, often without the artist's consent

The Elephant In The Room

NSFW

“When working with Stable Diffusion, you are essentially working with a random number generator with a horny bias. You can stack the odds in your favor with how you tag things, but you’re still rolling horny dice.”

- a Discord friend of mine

What I Do

- * I always disclose that art is AI generated
- * I try not to use models designed to mimic a specific artist's style. When I do use them, I look for ways to support the artist
- * I personally avoid photorealism. I will not generate photorealistic images of real people

All Things Considered It's A Tool

- * Over time, I expect that Generative AI Art will become yet another tool that artists make use of

Brief Q&A Discussion

How Does It Work

- * You enter text prompts for the image you want to generate. For instance, a dog
- * Stable Diffusion analyzes your prompts, assigning scores and weights
- * It then begins with 'visual noise' and subtracts noise that does not satisfy your prompts

LLMS

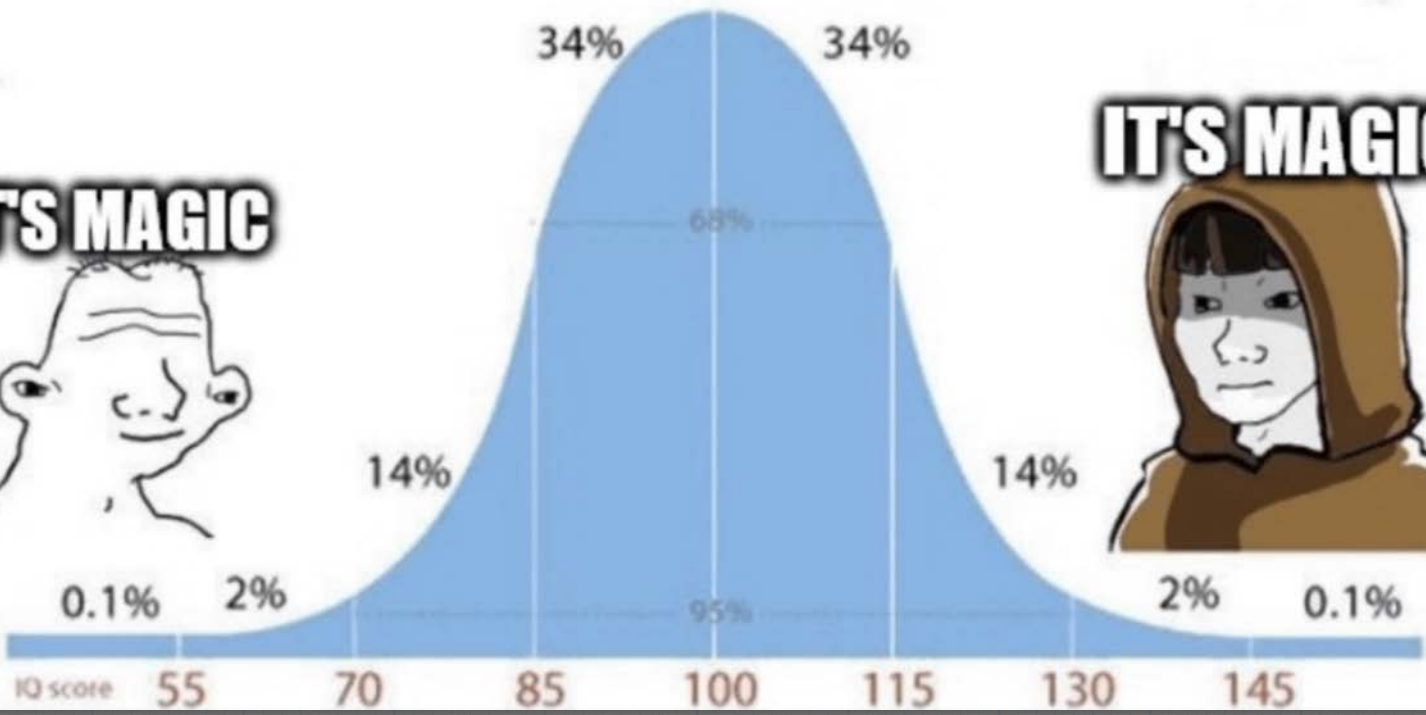


**IT'S JUST
APPLIED LINEAR ALGEBRA**

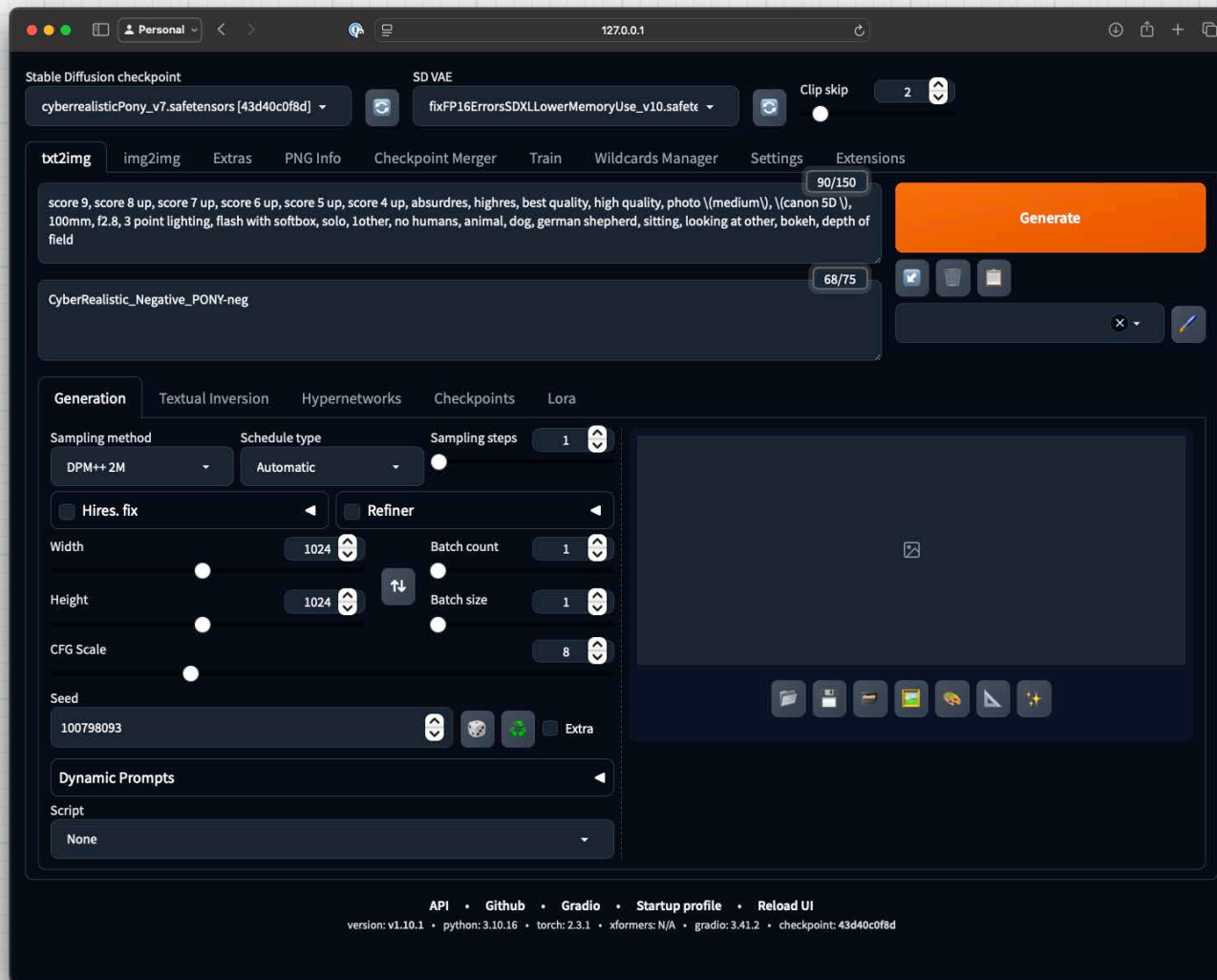
IT'S MAGIC



IT'S MAGIC



Stable Diffusion Prompt for a Dog



Lo, A Dog

Positive

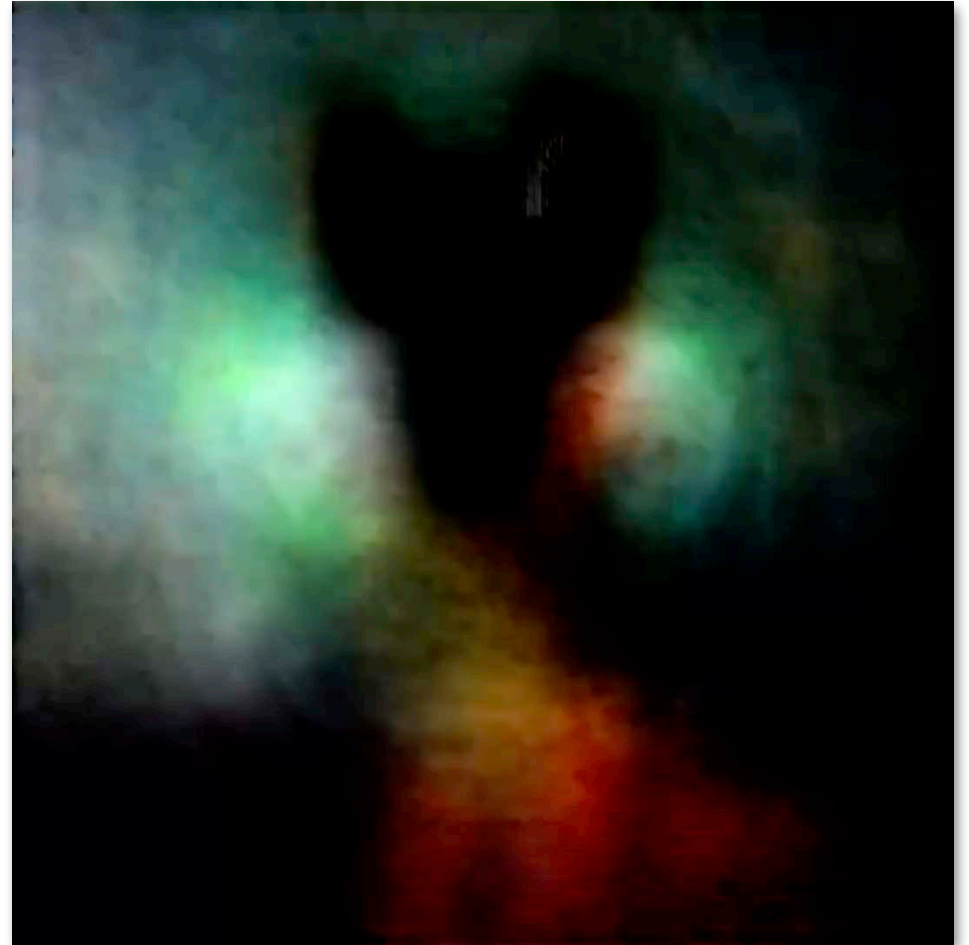
score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, absurdres, highres, best quality, high quality, photo \(\medium\), \(\canon 5D \), 100mm, f2.8, 3 point lighting, flash with softbox, solo, 1other, no humans, animal, dog, german shepherd, sitting, looking at other, bokeh, depth of field

Negative

CyberRealistic_Negative_PONY-neg

Configuration

Steps: 40, Sampler: DPM++ 2M, Schedule type: Karras, CFG scale: 8, Seed: 100798093, Size: 1024x1024, Model: cyberrealisticPony_v7 Version: v1.10.1, VAE: fixFP16ErrorsSDXLLowerMemoryUse_v10, Clip skip: 2



What Is Stable Diffusion

- * Stable Diffusion is a free, open source generative AI program. You install it locally on your computer
- * There are some websites like CivitAI and Perchance that are Stable Diffusion based where you can generate remotely.

Stable Diffusion

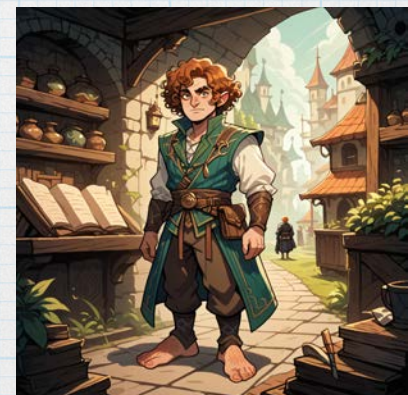
- * Stable Diffusion is a package that you install on your machine, and access through a webUI like Automatic1111. It comes with one checkpoint (base model)
- * Confusingly, the included checkpoint (SD1.5) is also often referred to as Stable Diffusion

Checkpoints

- * Sometimes called a base model
 - * Different checkpoints often are trained differently, so they may handle some concepts better, or have a different look
 - * Users need to install other checkpoints themselves

LORA

- * LORAs are extensions that can be installed to supplement a checkpoint
- * For example, a checkpoint may not know what a Halfling is.
- * A LORA can be installed to provide this additional knowledge



Samplers

- * Sampling Method - The process used to transform random noise into a coherent image
- * Ancestral Sampler - A sampling method that introduces random variations in the denoising process
- * Seed - Computers use a numerical seed to generate pseudo-random numbers.

Convergence & Schedulers

- * Convergence - the point in the image generation process where the AI has refined the noise enough to produce a stable, coherent, and visually appealing image.
- * Schedulers - determines how noise is added and removed over time during the image generation process.

Installing Stable Diffusion

Hardware Requirements

- * Stable Diffusion distributions are available for Windows, Mac OS, and Linux
- * A modern multi-core processor, whether it be Intel x86 or ARM
- * A discrete video card with at least 6GB of VRAM. More is better. On Windows, Nvidia support is much better than AMD
 - * How patient are you?
- * Side Note: Apple Silicon based Macs (M-series) use Unified Memory, so any available RAM can be used by the GPU

Pre-Installation

- * You need admin access to install
- * You need to be knowledgeable enough to copy/paste commands into terminal
- * Depending on your configuration, the install process may need to download and install additional components

Stable Diffusion Installation Guides

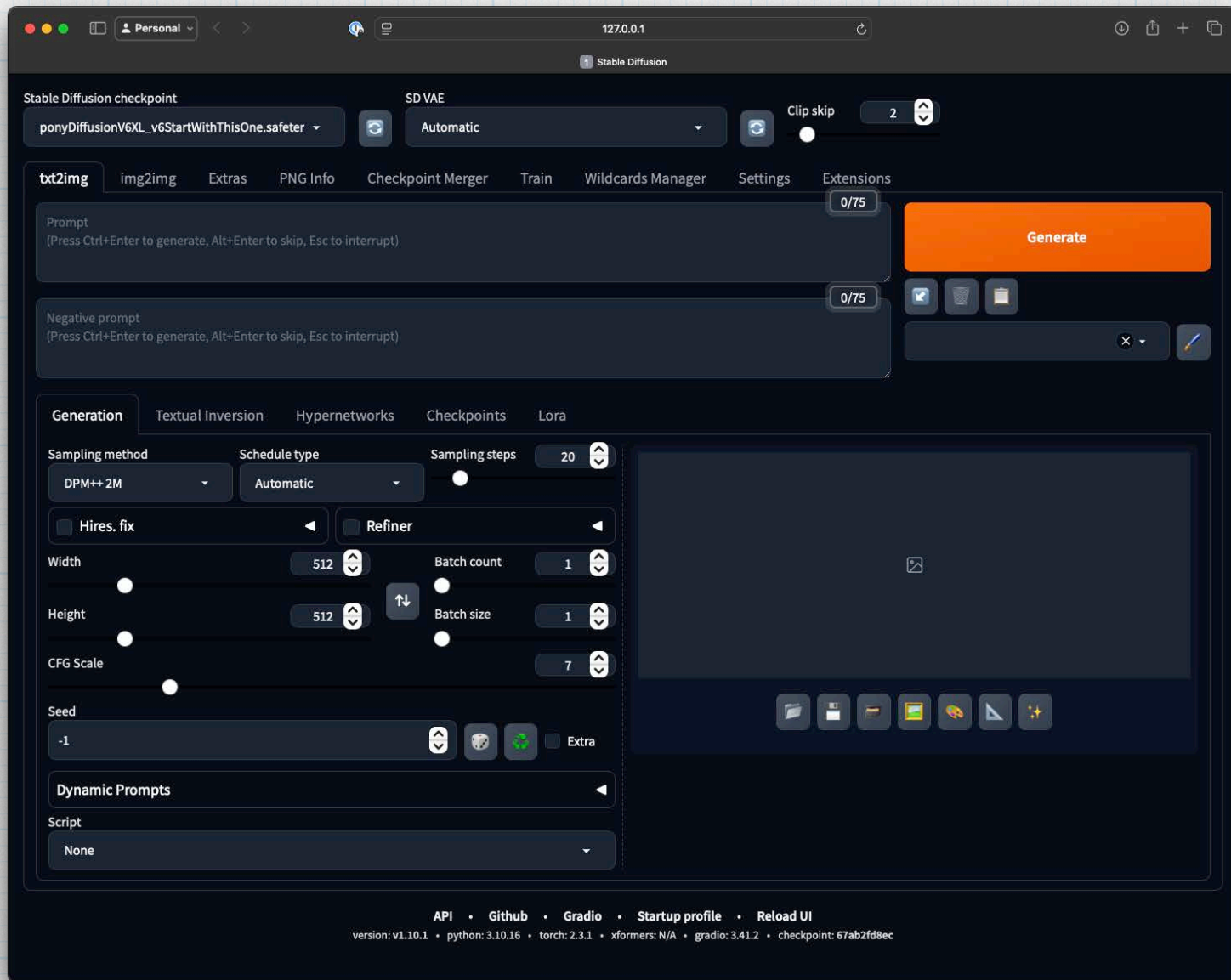
- * Mac OS: <https://stable-diffusion-art.com/install-mac/#AUTOMATIC1111>
- * Windows: <https://stable-diffusion-art.com/install-windows/>

Launching Stable Diffusion

- * Stable Diffusion is built with Python. You launch it from terminal on the Mac:

```
~ % cd ~/stable-diffusion-webui; ./webui.sh
```

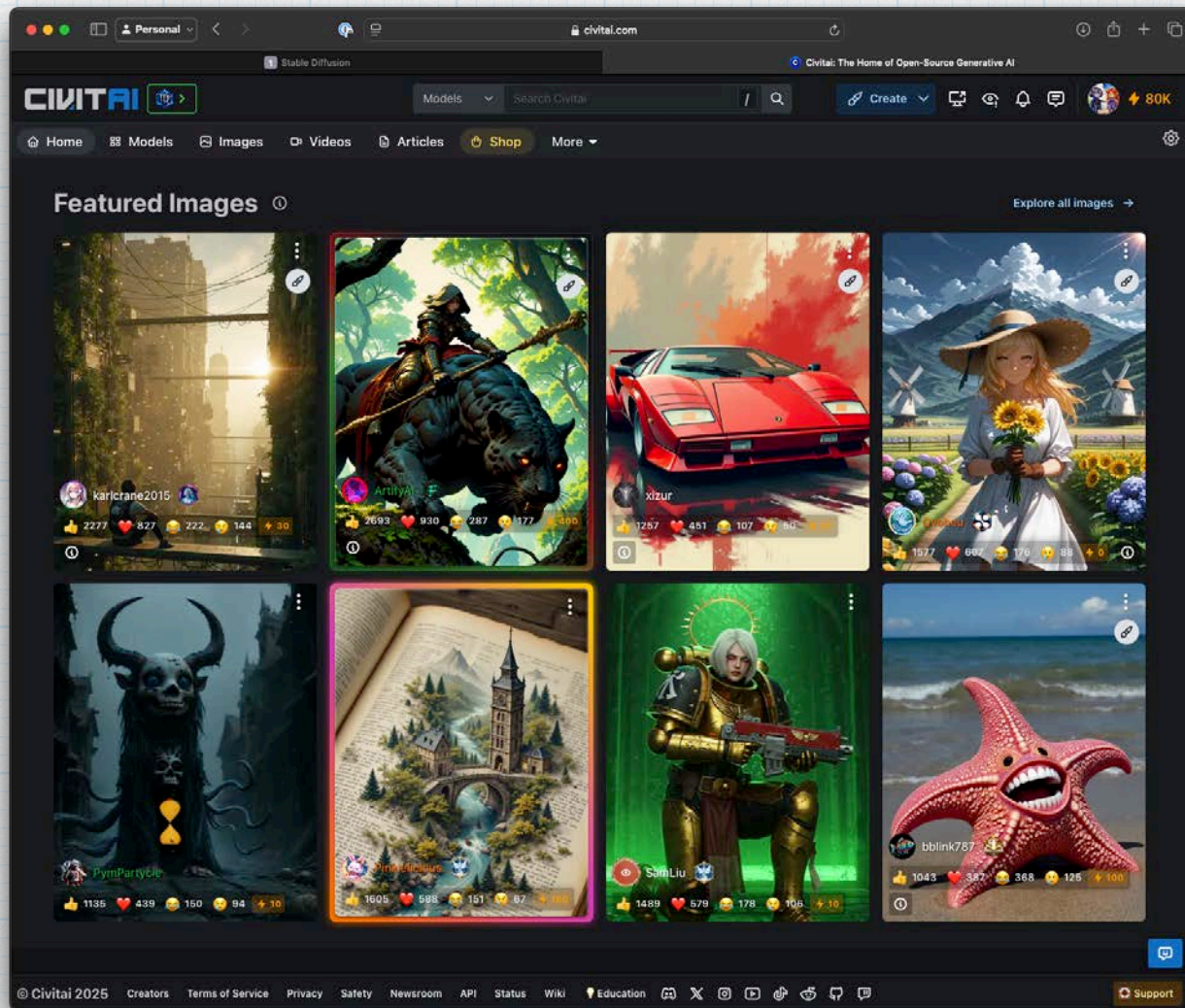
- * On Windows, refer to this section of the guide I linked previously: https://stable-diffusion-art.com/install-windows/#Step_5_Run_webui



Automatic1111 Web UI

Checkpoint And LORA Installation

- * Once you've installed and played with Stable Diffusion you may want to add other checkpoints or LORAs
- * By now you've heard me mention CivitAI several times. They host these files



CivitAI

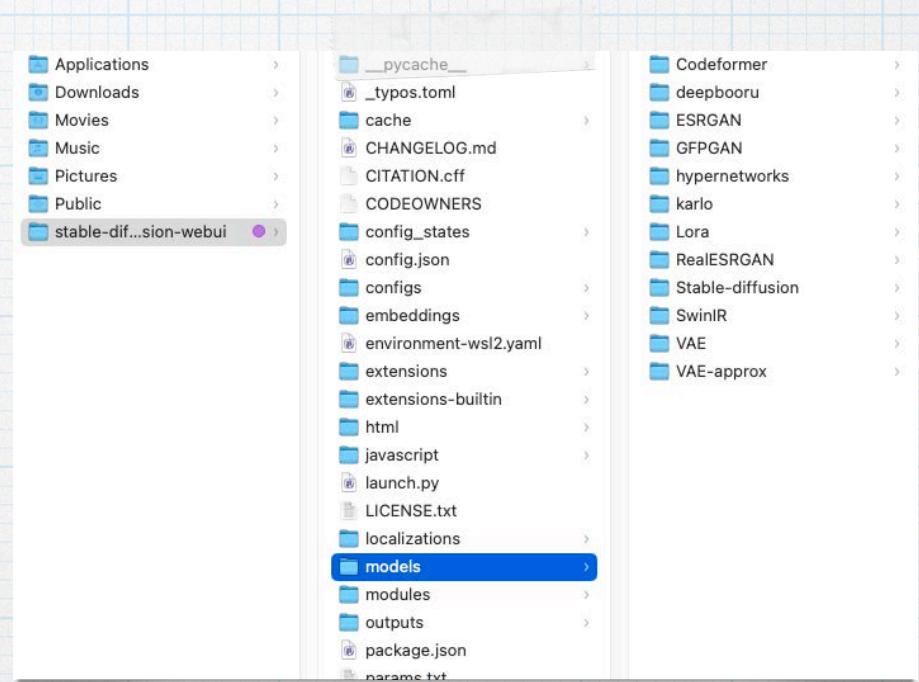
<https://civital.com>

CivitAI

- * CivitAI is an online AI Art community. They provide a location to share your art, and also host resources such as Checkpoints and LORAs
- * <https://civitai.com/>

Where do Checkpoints and LORAs go?

- * It's really easy, honestly. Download the files to your machine
- * Then copy the downloaded checkpoint to `\stable-diffusion-webui\models\Stable-Diffusion`
- * LORAs go into `\stable-diffusion-webui\models\Lora`



Brief Q&A Discussion

Using Stable Diffusion

Using The Web UI

The screenshot displays the Stable Diffusion Web UI interface. At the top, the browser address bar shows '127.0.0.1' and the page title is 'Stable Diffusion'. The main interface is divided into several sections:

- Checkpoint and VAE:** 'ponyDiffusionV6XL_v6StartWithThisOne.safet' and 'Automatic' are selected.
- Clip skip:** Set to 2.
- Prompts:** The main prompt is 'score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, best quality, high quality, western comics \\\(style\\),rating safe, fantasy, dungeons & dragons, solo, 1boy, adult, male, short hair, blond hair, messy hair, parted bangs, green eyes, smile, teeth, beard stubble, one stud earring, portrait, shoulders, armor, looking at viewer, indoors, tavern, torch lighting'. A negative prompt is 'worst quality, low quality, nude, child, loli, shota, source furry, source pony'.
- Generation Settings:** Sampling method is 'Euler a', Schedule type is 'Automatic', Sampling steps is 25. Width and Height are both 1024. Batch count and Batch size are 1. CFG Scale is 7. Seed is -1.
- Dynamic Prompts and Script:** Both are set to 'None'.
- Generated Image:** A character portrait is shown in a preview window.
- Metadata:** 'Steps: 25, Sampler: Euler a, Schedule type: Automatic, CFG scale: 7, Seed: 3882608790, Size: 1024x1024, Model hash: 67ab2fd8ec, Model: ponyDiffusionV6XL_v6StartWithThisOne, Clip skip: 2, Version: v1.10.1'.
- Time taken:** 1 min. 1.3 sec.

Prompting

- * All generations start with a prompt. There are two approaches to prompting
 - * Tag prompting - uses comma separated keywords. These are sometimes referred to as 'Booru Tags'
 - * Natural language prompting is more like a written paragraph

Booru Tag Prompting

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, best quality, high quality, western comics \ (style\),rating safe, fantasy, dungeons & dragons, solo, 1boy, adult, male, short hair, blond hair, messy hair, parted bangs, green eyes, smile, teeth, beard stubble, one stud earring, portrait, shoulders, armor, looking at viewer, indoors, tavern, torch lighting

Negative

worst quality, low quality, nude, child, loli, shota, source furry, source pony,



Natural Language Prompting

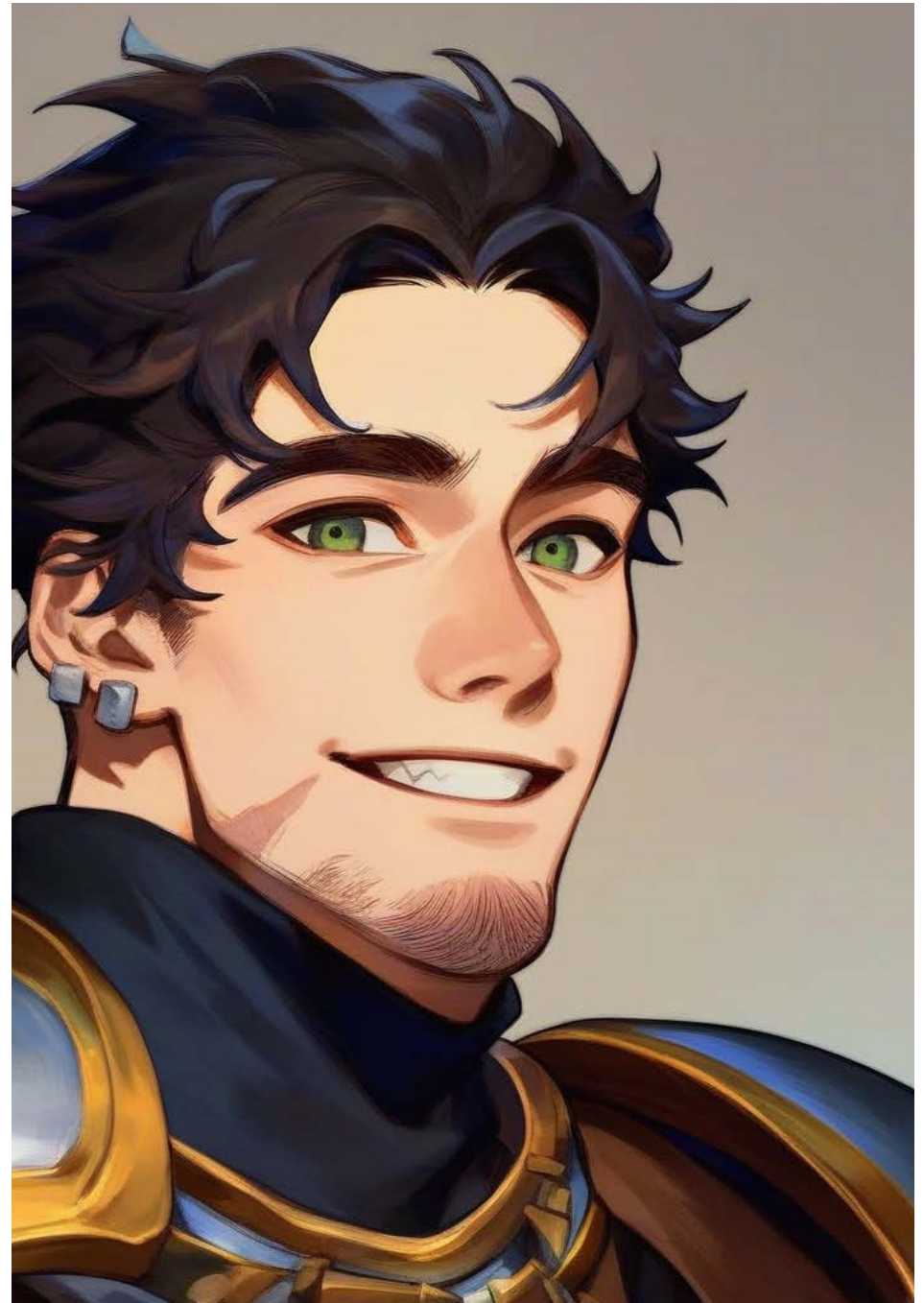
Positive

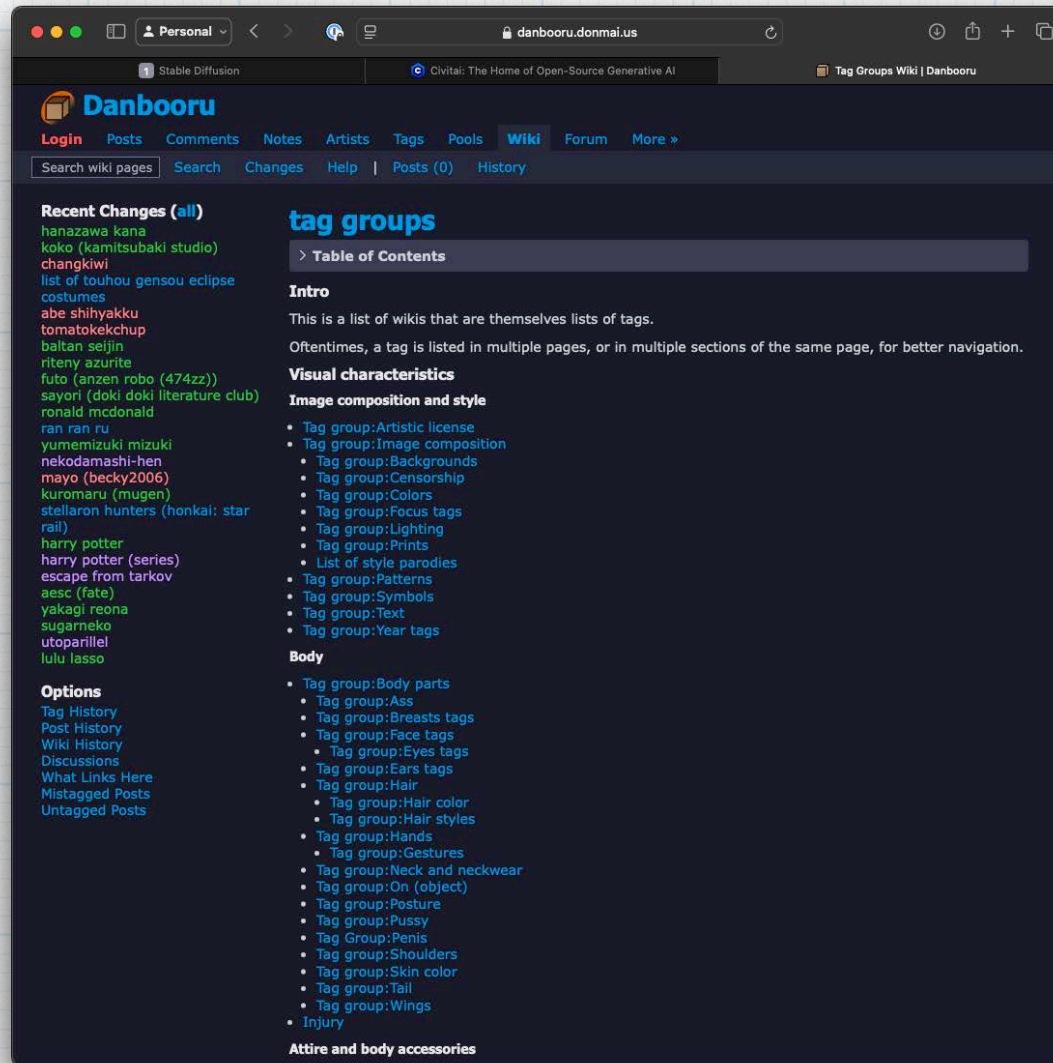
score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe,

A high-quality, well-detailed portrait of a male adventurer in a fantasy setting, depicted in a Western comic style. He is an adult man with short, messy blond hair, parted bangs, green eyes, and a friendly smile revealing his teeth. He has a bit of beard stubble and wears a single stud earring. He is dressed in armor and is shown from the shoulders up. The background is an indoor tavern setting, illuminated by warm torchlight. He is looking directly at the viewer, creating a welcoming and engaging atmosphere.

Negative

Low-quality, poorly detailed images, nudity, children, anthropomorphic characters, or anything unrelated to a human fantasy setting.





Danbooru

https://danbooru.donmai.us/wiki_pages/tag_groups

Model Lineage

- * Stable Diffusion's base model was trained with $512 * 512$ images.
- * Next was Stable Diffusion XL, which was trained with $1024 * 1024$ images
- * Then came Pony Diffusion XL. PDXL is basically a fork of SDXL that was also trained on Furry and Brony style art

Pony Diffusion XL

- * PDXL is a checkpoint based off of Stable Diffusion XL. It is generally referred to as 'Base Pony'
- * Many if not most of the checkpoints you will find out there are forks of PDXL, and they are generally easier to use than Base Pony

Base PDXL vs Newer Derivative Models

* Pony Diffusion XL



* AniMics Pony XL



Pony Quality Scoring

- * This is a quirk of Pony Diffusion XL and models based on it. Pony responds much better to quality prompting in the format of: "score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up,"
- * This is, apparently, due to an oversight when training the PDXL checkpoint.
- * <https://civitai.com/articles/4248>

Today

- * There are hundreds if not thousands of models that are forks of PDXL
- * There are some non-XL based models out there as well, but I can't speak to their usage at this time

Prompting Walkthrough

My Starting Configuration

- My checkpoint is PrefectPonyXL

Configuration

Steps: 25, Sampler: Euler a, Schedule type:
Automatic, CFG scale: 7, Seed: 2398287852,
Size: 832x1216, Model hash: d1a2aac8e5,
Model: prefectPonyXL_v50, Clip skip: 2,
Version: v1.10.1

Prompt #1

Basic Settings

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up

Negative

- At this point all we have told it is that we want an image of a certain level of quality
- Horny and Gender bias immediately show themselves



Prompt #2

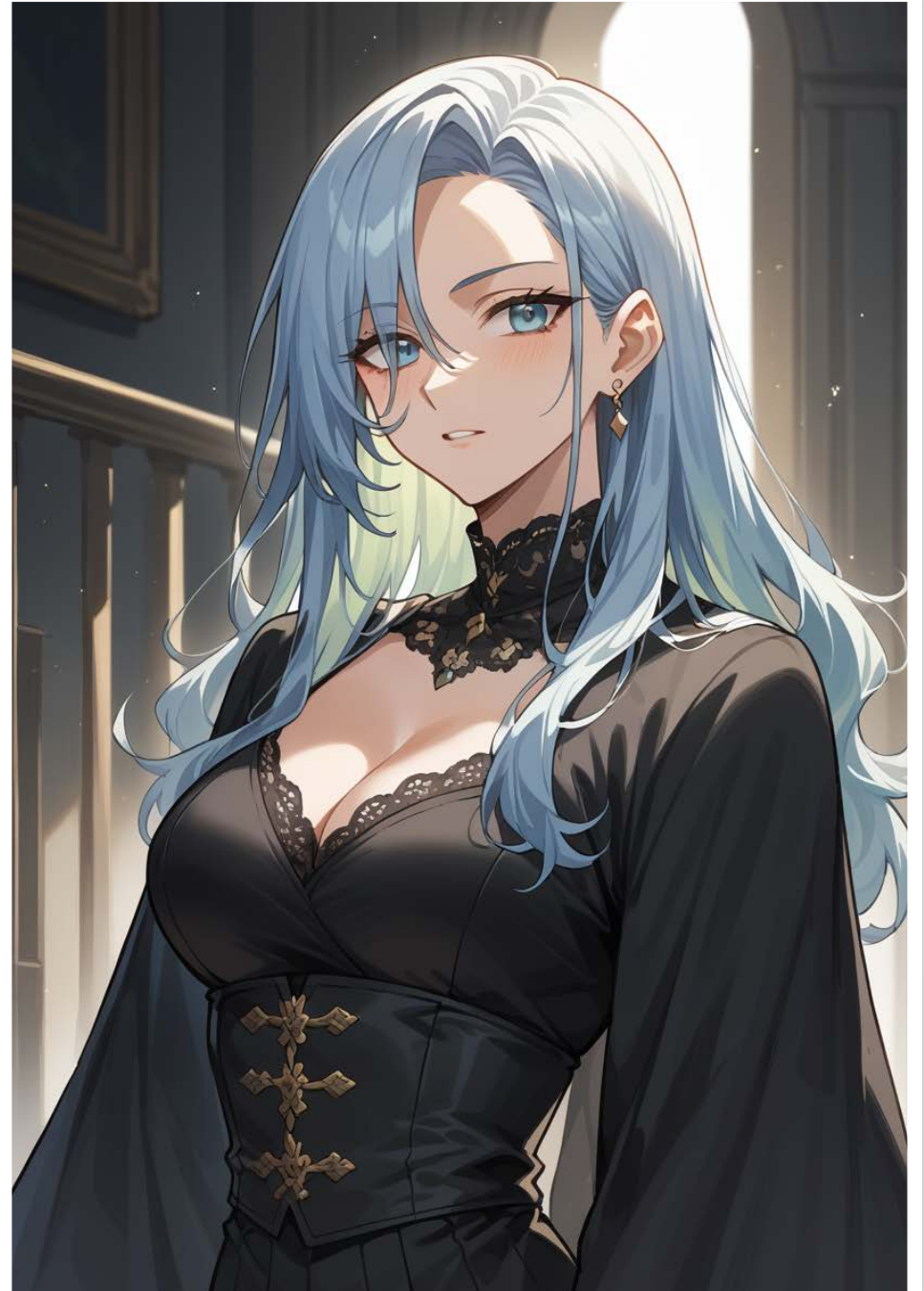
Lets Make This Work Safe

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, **rating safe,**

Negative

- I'm trying to prompt for a more work safe image
- Better, but with no guidance it still thinks we want an image of a woman



Prompt #3

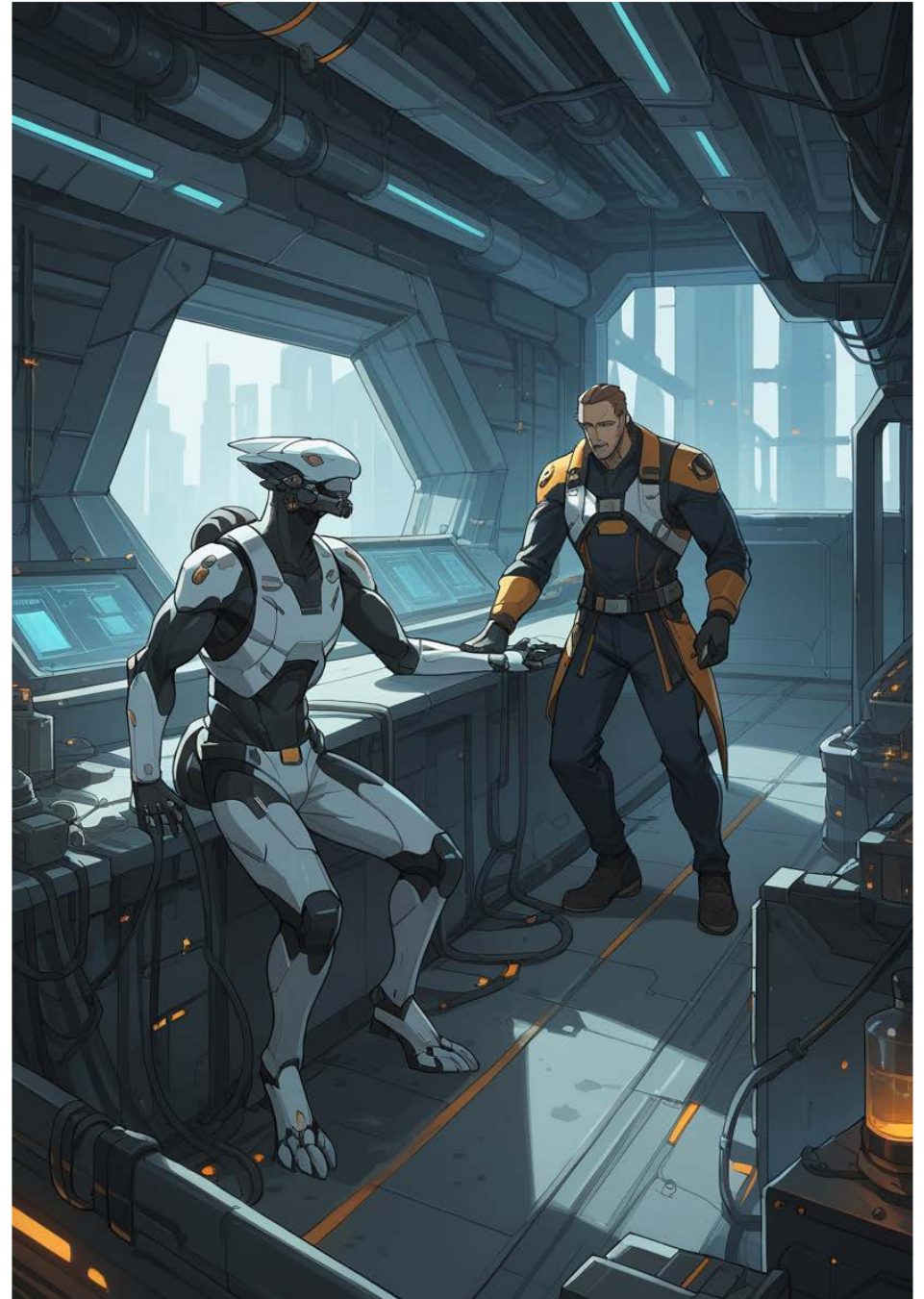
Setting

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration,

Negative

- Now we're prompting for the type of image we want, a sci-fi illustration
- This image meets that criteria. The subjects are low detail due to size, and distance from the viewer



Prompt #4

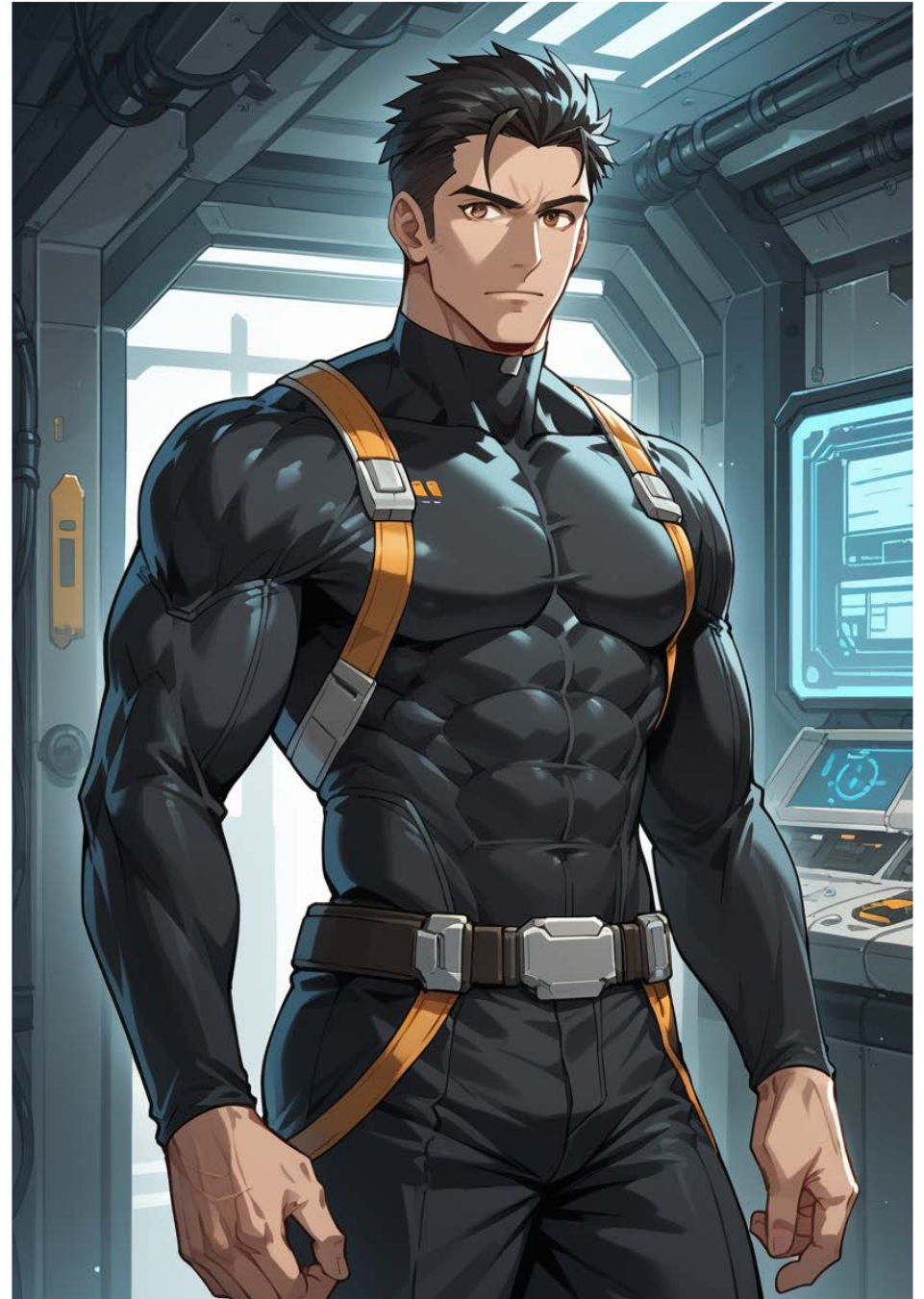
Define Physical Attributes

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes,

Negative

- No, we want a lone human male
- Not bad, but I want to add tactical gear, etc.



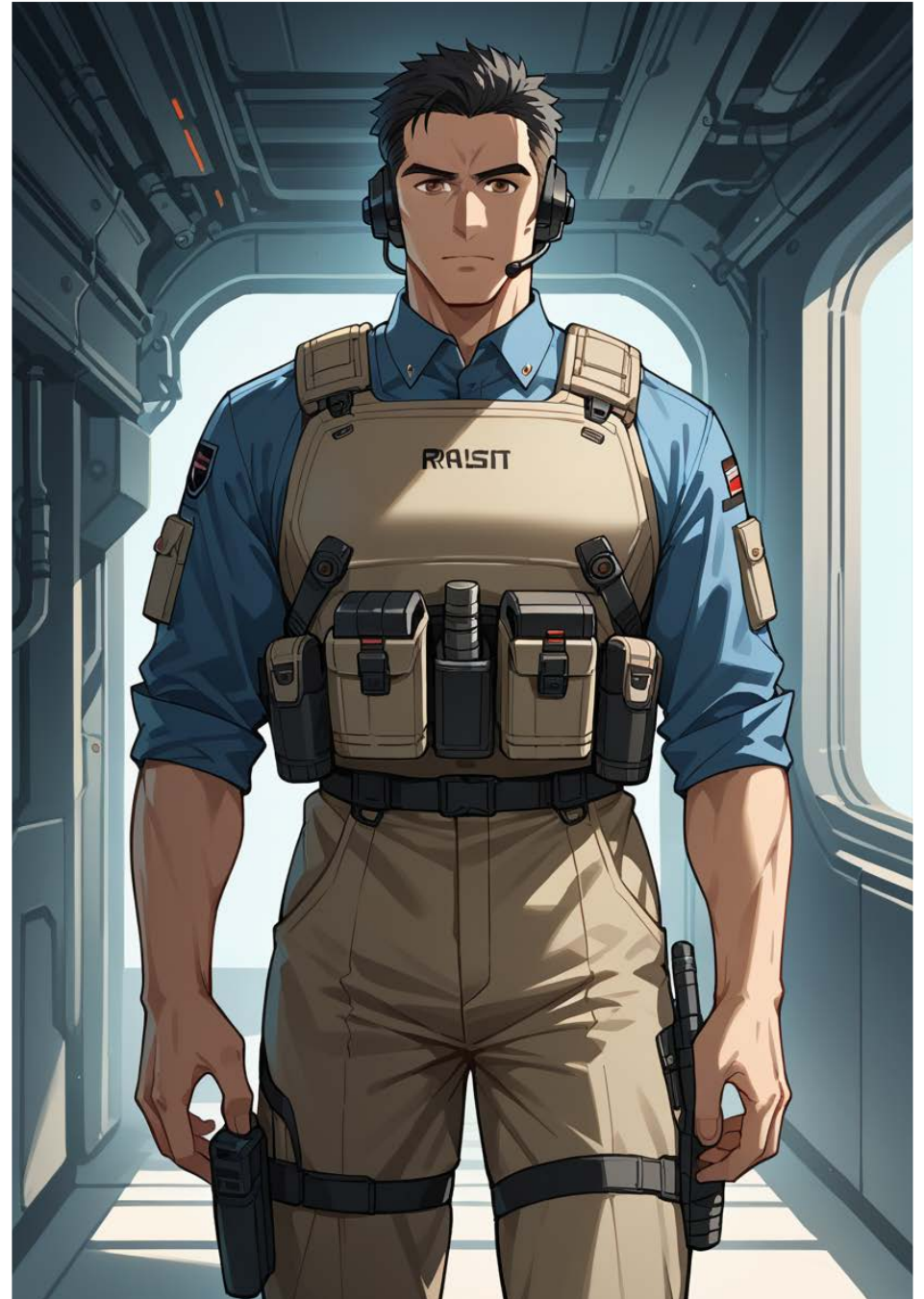
Prompt #5 Clothing

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, **breastplate, tactical harness, shirt, pants, thigh holster, radio headset,**

Negative

- I prompt for shirt and pants to avoid him wearing nothing but a tactical breastplate
- Oops, I should have specified clothing color



Prompt #6

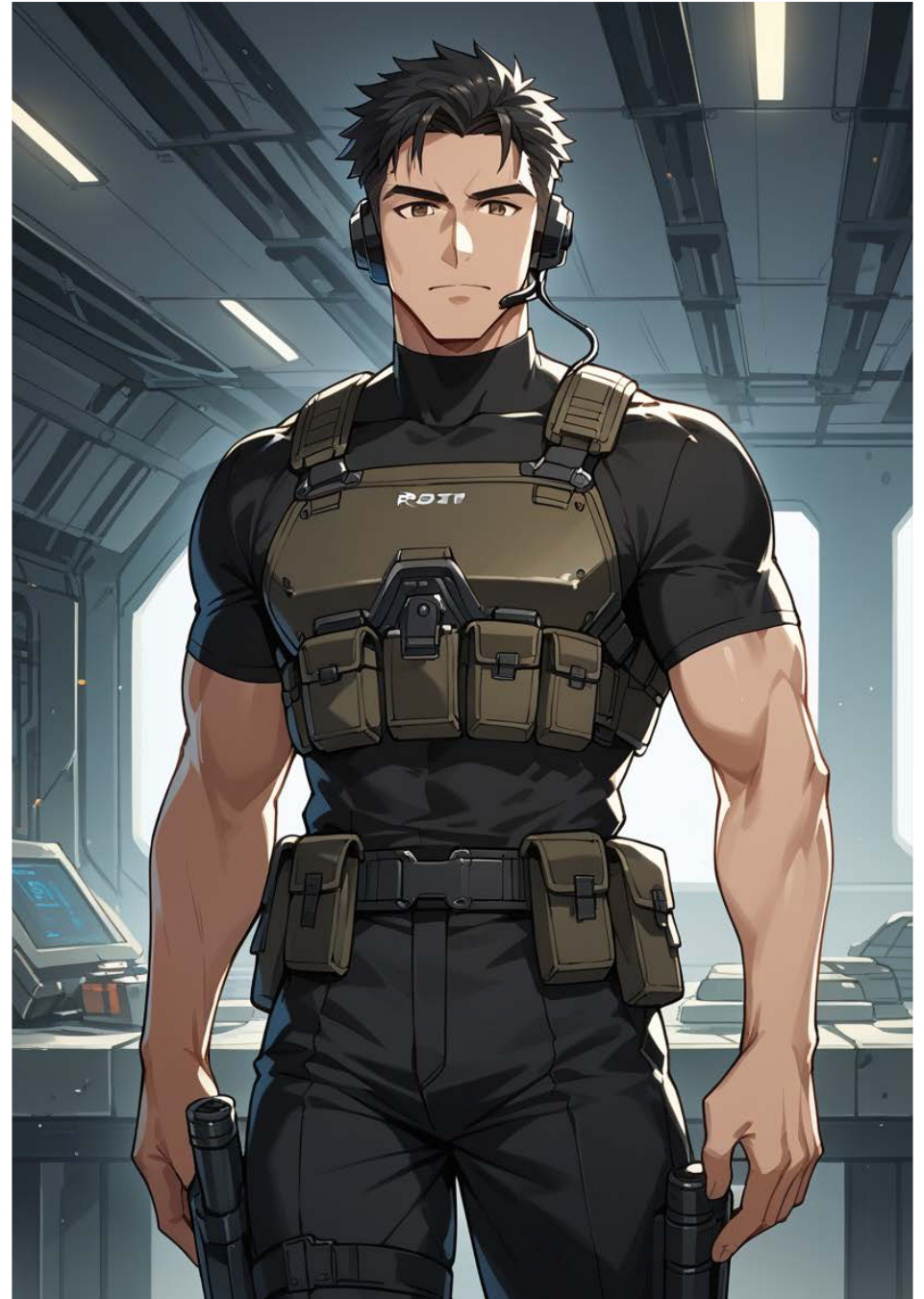
Refine The Clothing

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, **black breastplate**, tactical harness, **black shirt**, **black pants**, thigh holster, radio headset,

Negative

- I specify that the breastplate, shirt, and pants should be black



Prompt #7

Pose

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, black breastplate, tactical harness, black shirt, black pants, thigh holster, radio headset, **squatting, looking to side, full body,**

Negative

- We've now specified a pose



Prompt #8

Simple Background

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, black breastplate, tactical harness, black shirt, black pants, thigh holster, radio headset, squatting, looking to side, full body, **simple background**

Negative

- I wanted to show the difference between simple and detailed background.
- As you can see, simple is, well, simple



Prompt #9

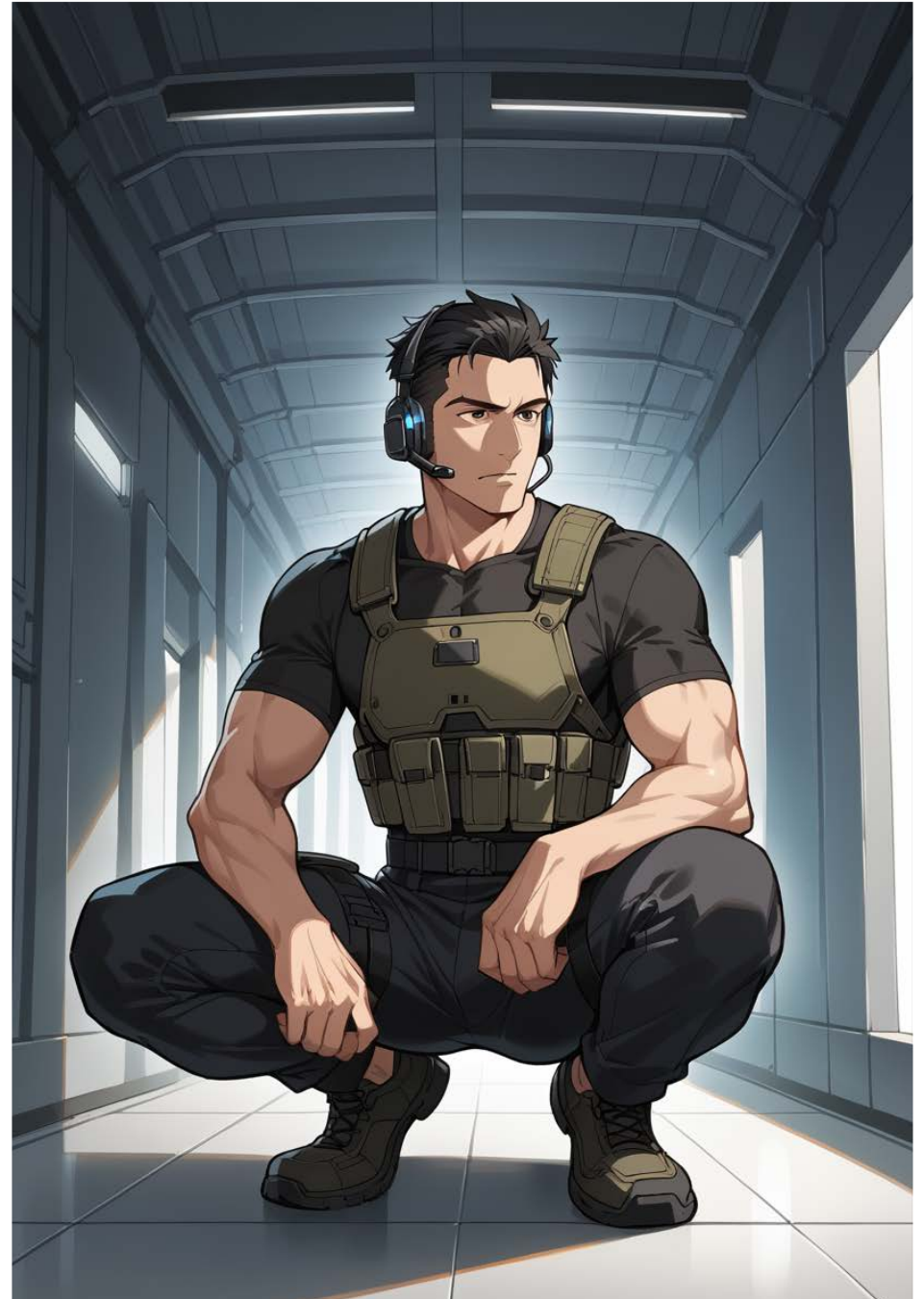
Background Details

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, black breastplate, tactical harness, black shirt, black pants, thigh holster, radio headset, squatting, looking to side, full body, **detailed background, indoors, corridor, red emergency lights,**

Negative

- Hmm, 'red emergency lights' didn't work



Prompt #10

Refining The Background

Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, black breastplate, tactical harness, black shirt, black pants, thigh holster, radio headset, squatting, looking to side, full body, detailed background, indoors, corridor, red lights, emergency lights,

Negative

- But 'red lights, emergency lights,' does
- With those windows, I find the image too bright



Prompt #11

Lighting

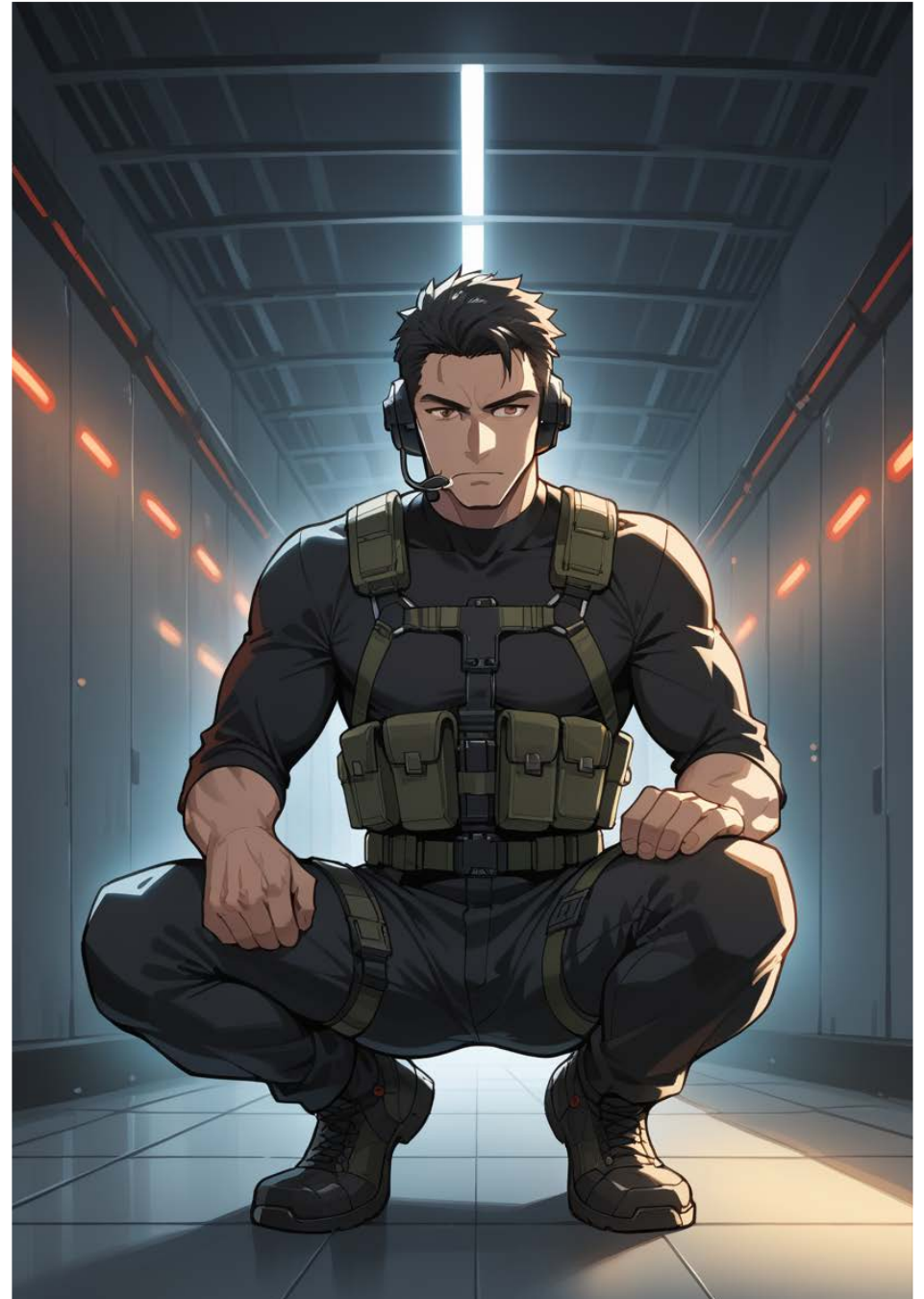
Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, black breastplate, tactical harness, black shirt, black pants, thigh holster, radio headset, squatting, looking to side, full body, detailed background, indoors, corridor, **red lights**, **emergency lights**, dim lighting, backlighting,

Negative

windows, **day**

- I detail the lighting prompts
- I add a negative prompt to remove the windows.



Prompt #12

Refining The Image

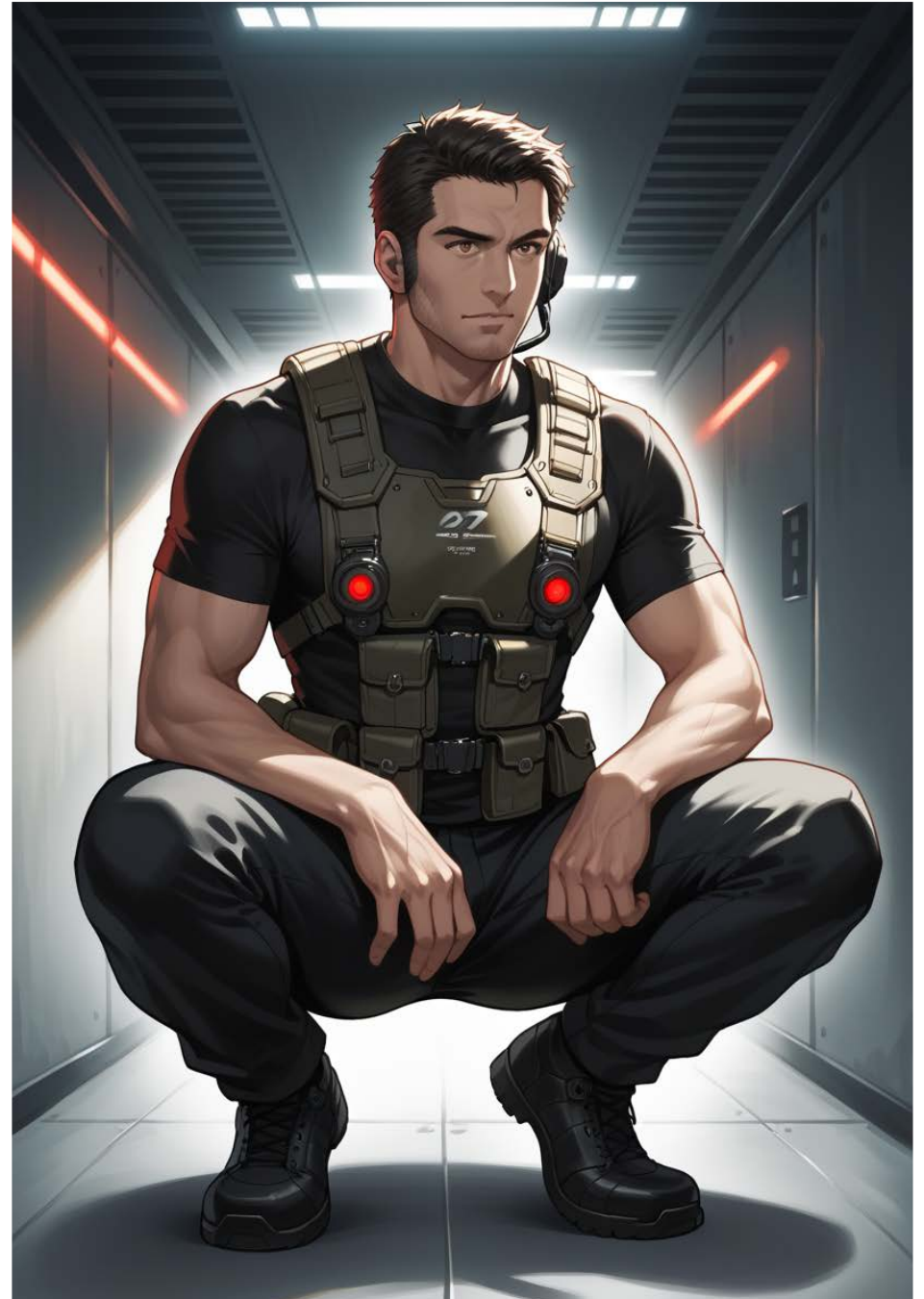
Positive

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, rating safe, science fiction, **realistic**, illustration, solo, 1boy, adult male, human, tall, muscular, handsome, short black hair, brown eyes, black breastplate, tactical harness, black shirt, black pants, thigh holster, radio headset, squatting, looking to side, full body, detailed background, indoors, corridor, red lights, emergency lights, dim lighting, backlighting,

Negative

windows, day

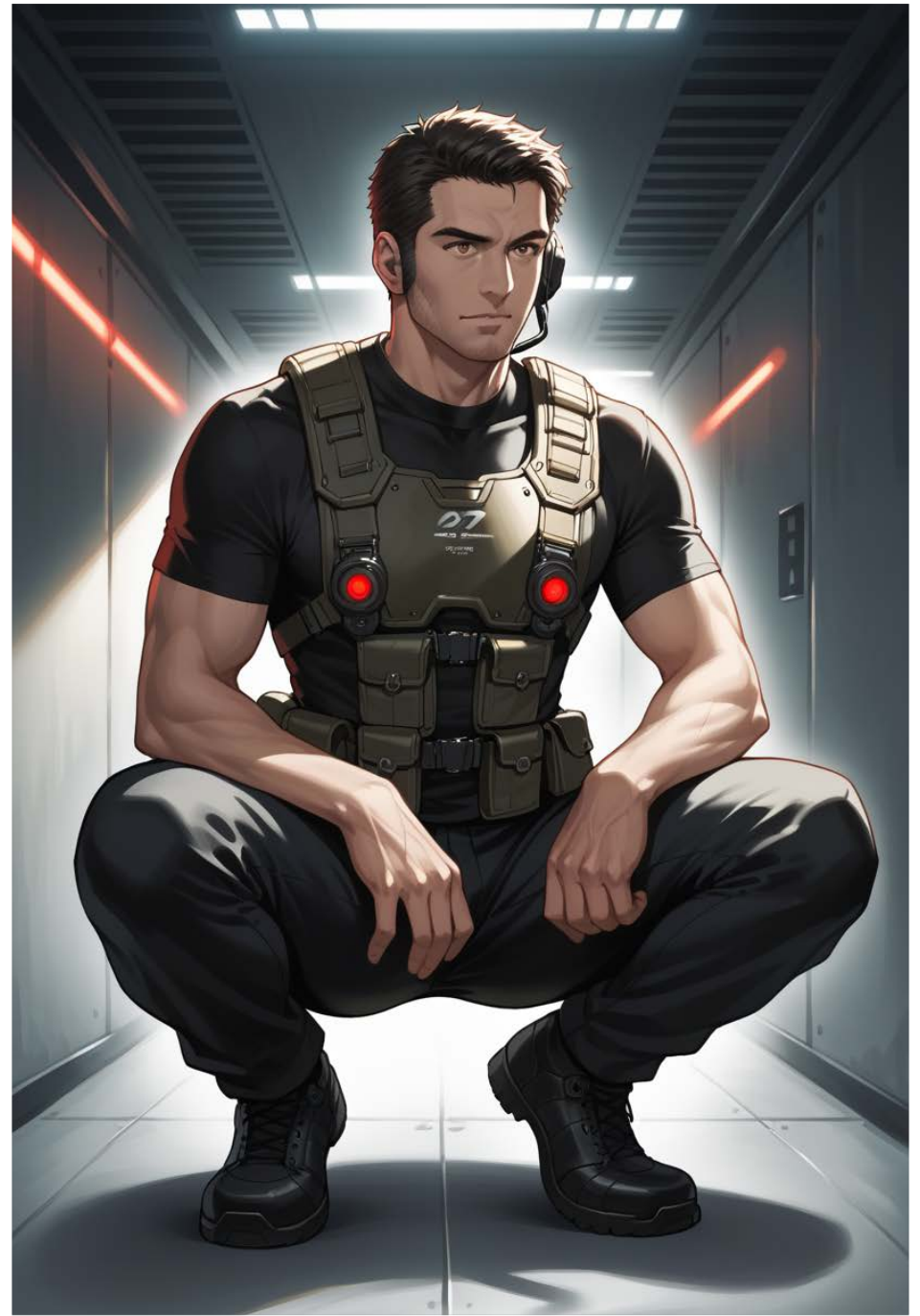
- I change my mind and add 'realistic' into the type of image I want



In Conclusion

This is how I build my prompts for generation. If you keep things simple and short, you are less likely to insert errors like duplicated or conflicting prompts.

Just as a side note, having the same prompt in both positive and negative is unlikely to do what you wanted.



Prompt Structure Example

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, best quality, high quality, rating safe, fantasy, dungeons & dragons, western comics \ (style\), solo, 1boy, adult, male, short hair, blond hair, messy hair, parted bangs, green eyes, smile, teeth, beard stubble, one stud earring, armor, portrait, shoulders, looking at viewer, indoors, tavern, torch lighting

<quality>, <generation style>, <subject physical descriptions>, <clothing, objects, etc.>, <shot composition & posing>, <background/location, lighting>

Prompting Tips

Only Prompt What You Can See

- * Only prompt what you can see, not what you know
 - * As an example, let's say you're prompting for a portrait view of someone... Don't prompt their boots. Stable Diffusion may try to include them in the generation



Keep Your Prompt Organized

- * This is not strictly needed, but I find that having a standard for how I order my prompts to be very useful
- * That said, SD considers and weights tags earlier in the prompt to be more important. The order of your tags *can* matter

Prompt Structure Example

score 9, score 8 up, score 7 up, score 6 up, score 5 up, score 4 up, best quality, high quality, rating safe, fantasy, dungeons & dragons, western comics \ (style\), solo, 1boy, adult, male, short hair, blond hair, messy hair, parted bangs, green eyes, smile, teeth, beard stubble, one stud earring, armor, portrait, shoulders, looking at viewer, indoors, tavern, torch lighting

<quality>, <generation style>, <subject physical descriptions>, <clothing, objects, etc.>, <shot composition & posing>, <background/location, lighting>

Keep Prompts Short

- * The more prompts, both positive and negative, the more difficult it becomes for Stable Diffusion provide the image you want
- * Strict specificity is difficult
- * As in many things, less is more

Emphasize the Things You Want

- * **Weights:** You can emphasize or de-emphasize a tag: 'Blond Hair:1.2'
- * **Repetition, Repetition** is also a form of emphasis
- * You can emphasize tags using parentheses or de-emphasize with brackets, but this is deprecated.

Escape Punctuation in Tag Names

- * Some tag names include punctuation that if included can confuse the text parser.
- * Use `'\'` to escape out punctuation:
`'photo \ (medium\)'`

Format Prompts for Readability

- * In Automatic1111, 'BREAK' can be used to separate concepts
- * Also in Automatic1111, '#' comments out anything after it on the same line

Copy Edit

- * Spelling, missing spaces, and missing commas, are common mistakes

Unsure On Terminology?

- * Check the Danbooru tag groups wiki: https://danbooru.donmai.us/wiki_pages/tag_groups



Learn From Others' Prompts

- * Taking an existing prompt of someone else's is a good way to learn, but...

Avoid Cargo Cult Prompting

- * It's better to understand why a prompt works than to just do it because that's how someone else did it

Generate Multiples

- * Sometimes it will take you several generations before you get 'the one'
- * It's not dissimilar to one of the secrets of being perceived as a good digital photographer: take lots of pictures, don't show people the crap



Avoid 'Schizo' Negatives

- * Negative prompts can have significant impact on image quality. Again, less is often more.

((deformed))), blurry, bad anatomy, disfigured, poorly drawn face, mutation, mutated, (extra_limb), (ugly), (poorly drawn hands), fused fingers, messy drawing, broken legs, censored, censor_bar, multiple breasts, (mutated hands and fingers:1.5), (long body :1.3), (mutation, poorly drawn :1.2), black-white, bad anatomy, liquid body, liquidtongue, disfigured, malformed, mutated, anatomical nonsense, text font ui, error, malformed hands, long neck, blurred, lowers, low res, bad anatomy, bad proportions, bad shadow, uncoordinated body, unnatural body, fused breasts, bad breasts, huge breasts, poorly drawn breasts, extra breasts, liquid breasts, heavy breasts, missingbreasts, huge haunch, huge thighs, huge calf, bad hands, fused hand, missing hand, disappearing arms, disappearing thigh, disappearing calf, disappearing legs, fusedears, bad ears, poorly drawn ears, extra ears, liquid ears, heavy ears, missing ears, fused animal ears, bad animal ears, poorly drawn animal ears, extra animal ears, liquidanimal ears, heavy animal ears, missing animal ears, text, ui, error, missing fingers, missing limb, fused fingers, one hand with more than 5 fingers, one hand with less than 5 fingers, one hand with more than 5 digit, one hand with less than 5 digit, extra digit, fewer digits, fused digit, missing digit, bad digit, liquid digit, colorful tongue, blacktongue, cropped, watermark, username, blurry, JPEG artifacts, signature, 3D, 3D game, 3D game scene, 3D character, malformed feet, extra feet, bad feet, poorly drawnfeet, fused feet, missing feet, extra shoes, bad shoes, fused shoes, more than two shoes, poorly drawn shoes, bad gloves, poorly drawn gloves, fused gloves, bad cum, poorly drawn cum, fused cum, bad hairs, poorly drawn hairs, fused hairs, big muscles, ugly, bad face, fused face, poorly drawn face, cloned face, big face, long face, badeyes, fused eyes poorly drawn eyes, extra eyes, malformed limbs, more than 2 nipples, missing nipples, different nipples, fused nipples, bad nipples, poorly drawnnipples, black nipples, colorful nipples, gross proportions. short arm, ((missing arms))), missing thighs, missing calf, missing legs, mutation, duplicate, morbid, mutilated, poorly drawn hands, more than 1 left hand, more than 1 right hand, deformed, (blurry), disfigured, missing legs, extra arms, extra thighs, more than 2 thighs, extra calf, fused calf, extra legs, bad knee, extra knee, more than 2 legs, bad tails, bad mouth, fused mouth, poorly drawn mouth, bad tongue, tongue within mouth, too longtongue, black tongue, big mouth, cracked mouth, bad mouth, dirty face, dirty teeth, dirty pantie, fused pantie, poorly drawn pantie, fused cloth, poorly drawn cloth, badpantie, yellow teeth, thick lips, bad camel toe, colorful camel toe, bad asshole, poorly drawn asshole, fused asshole, missing asshole, bad anus, bad pussy, bad crotch, badcrotch seam, fused anus, fused pussy, fused anus, fused crotch, poorly drawn crotch, fused seam, poorly drawn anus, poorly drawn pussy, poorly drawn crotch, poorlydrawn crotch seam, bad thigh gap, missing thigh gap, fused thigh gap, liquid thigh gap, poorly drawn thigh gap, poorly drawn anus, bad collarbone, fused collarbone, missing collarbone, liquid collarbone, strong girl, obesity, worst quality, low quality, normal quality, liquid tentacles, bad tentacles, poorly drawn tentacles, split tentacles, fused tentacles, missing clit, bad clit, fused clit, colorful clit, black clit, liquid clit, QR code, bar code, censored, safety panties, safety knickers, beard, furry, pony, pubic hair, mosaic, futa, testis,

Common Problems

Concepts That Generative Art Struggles With

- * Hands - Likely you all have seen this issue
- * Holding objects
- * Lighting - it often likes bright images
- * Multiple subjects - Including more than one person in a prompt can get complicated
- * Color Bleeding - If you specify a color somewhere, it often will use that color elsewhere



Your Browser Autocorrect Hates You

* Or, "It's Never Duck"



'Orc' vs 'Orb'



Examples

Modern Character or NPC

Positive

realistic, 3d, fine detail, perfect lighting, solo, 1boy, mature man, long hair, dark blond hair, ponytail, green eyes, square jaw, rugged, weathered skin, handsome, lips, smug, stubble, beard stubble, sideburns stubble, goatee stubble, upper body, broad shoulders, tall, looking to the side, collared shirt, bomber jacket, dog tags,

masterpiece, best quality, amazing quality, absurdres,

Negative

bad quality, worst quality, worst detail, sketch, censor, logo, text, watermark, signature,



Fantasy Character or NPC

Positive

score 9, score 8 up, score 7 up, fantasy, oil painting, \((dutch masters)\), solo, 1girl, \((Dungeons and Dragons)\), eye focus, green eyes, highest quality, (highly detailed skin), portrait, beautiful, Human, mature woman, african, colored skin, dark brown skin, very dark skin, warrior, armor, black hair, braided hair, updo, breasts, smiling, perfect face, alluring eyes, [seductive makeup], skin pores, sharp focus, dappled lighting, (backlighting:0.7), (highly detailed, intricately detailed), detailed background, outside, fantasy setting, border,

Negative

score 6 up, score 5 up, score 4 up, realistic, 3d, source furry, source pony, source cartoon, nudity, nipples, hands, food, plates, serving food, light particles,



Monster

Positive

solo, 1boy, demogorgon, centaur, arms, claws, centaur body, full body, dutch angle, outdoors, day, cloud, fluffy fetlocks, masterpiece, best quality, amazing quality, very aesthetic, high resolution, ultra-detailed, absurdes, newest, photorealistic detail, detailed face, detailed eyes, detailed hair, depth of field, scenery, rim lighting,

Negative

clothing, anthropomorphic, words, text box, multiple tails, old, oldest, text, graphite, abstract, glitch, deformed, mutated, ugly, disfigured, long body, lowres, bad anatomy, bad hands, missing fingers, extra digit, fewer digits, very displeasing, (worst quality, bad quality:1.2), bad anatomy, sketch, jpeg artifacts, signature, watermark, username, simple background, conjoined,

This prompt is more than a little messy, especially the negative prompt. I probably should clean that up and re-generate it to see how it does.



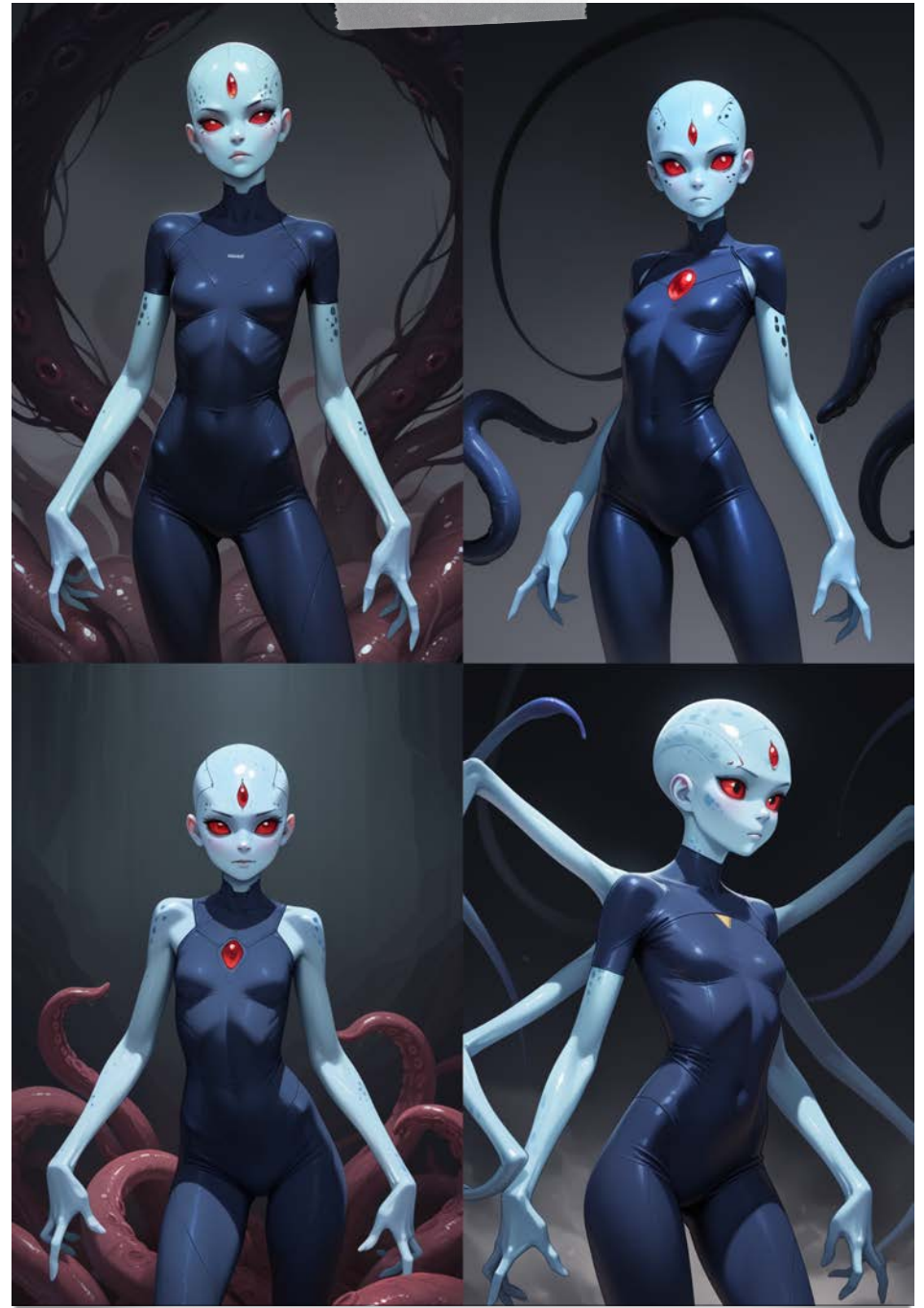
Aliens

Positive

concept art, realistic, solo, 1girl, alien, small mouth, light blue skin, skin spots, large forehead, (eyebrow ridge, no eyebrow), forehead jewel, cowboy shot, solid eyes, red eyes, red sclera, bald, tall, skinny, three fingers, long arms, long legs, small breasts:2, dark blue bodysuit, androgynous, textured skin, no ears, has tentacles, masterpiece, best quality, amazing quality, very aesthetic, high resolution, ultra-detailed, absurd, newest, perfect quality, absolutely eye-catching, general,

Negative

bad quality, worst quality, worst detail, sketch, censor, ears, eyebrows, hair, body hair



Aliens 2

Positive

concept art, realistic, solo, 1girl, alien, small mouth, light blue skin, skin spots, large forehead, (eyebrow ridge, no eyebrow), forehead jewel, cowboy shot, solid eyes, red eyes, red sclera, bald, tall, skinny, three fingers, long arms, long legs, small breasts:2, dark blue bodysuit, androgynous, textured skin, no ears, has tentacles

masterpiece, best quality, amazing quality, very aesthetic, high resolution, ultra-detailed, absurdres, newest, perfect quality, absolutely eye-catching, general,

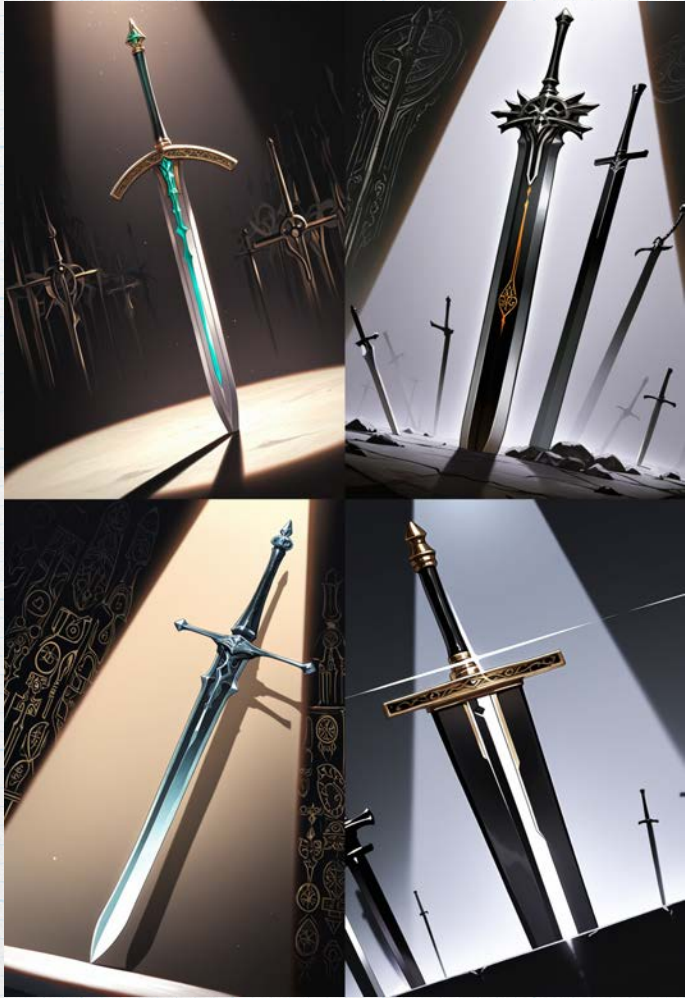
Negative

bad quality,worst quality,worst detail,sketch,censor, ears, eyebrows, hair, body hair

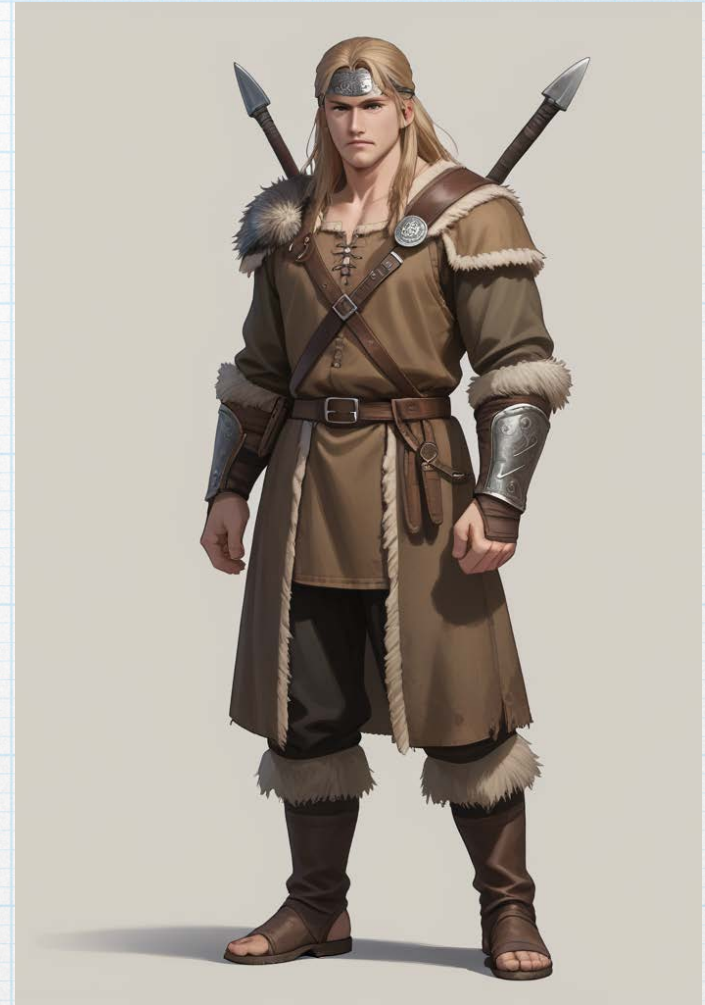




Landscapes



Weapons



Viking



Warlock Patron



Maps



Three Racoons In A Trenchcoat



Guess The Gaming Reference



Flux

Flux is a new AI Art Checkpoint. It's really good, but needs much more computing power

Questions & Answers

Resources

Install guides

- Mac: <https://stable-diffusion-art.com/install-mac/#AUTOMATIC1111>
- Windows: <https://stable-diffusion-art.com/install-windows/>
- Tutorials: <https://stable-diffusion-art.com/tutorials/>
- Sampler Info: <https://www.felixsanz.dev/articles/complete-guide-to-samplers-in-stable-diffusion>
- More Sampler info : <https://stable-diffusion-art.com/samplers/>

Other Resources

- CivitAI - Online AI art community: <https://civitai.com/>
- Danbooru Tag Groups Wiki: https://danbooru.donmai.us/wiki_pages/tag_groups
- Perchance - Free website that includes AI art generation: <https://perchance.org/ai-text-to-image-generator>
- Schizo Negative Prompts: <https://civitai.com/articles/6462/hey-cool-it-with-the-negative-prompts-episode-1337>
- Camera shots and angles: <https://civitai.com/articles/2517/stable-diffusion-prompt-ultimate-beginners-guide-october-2023>