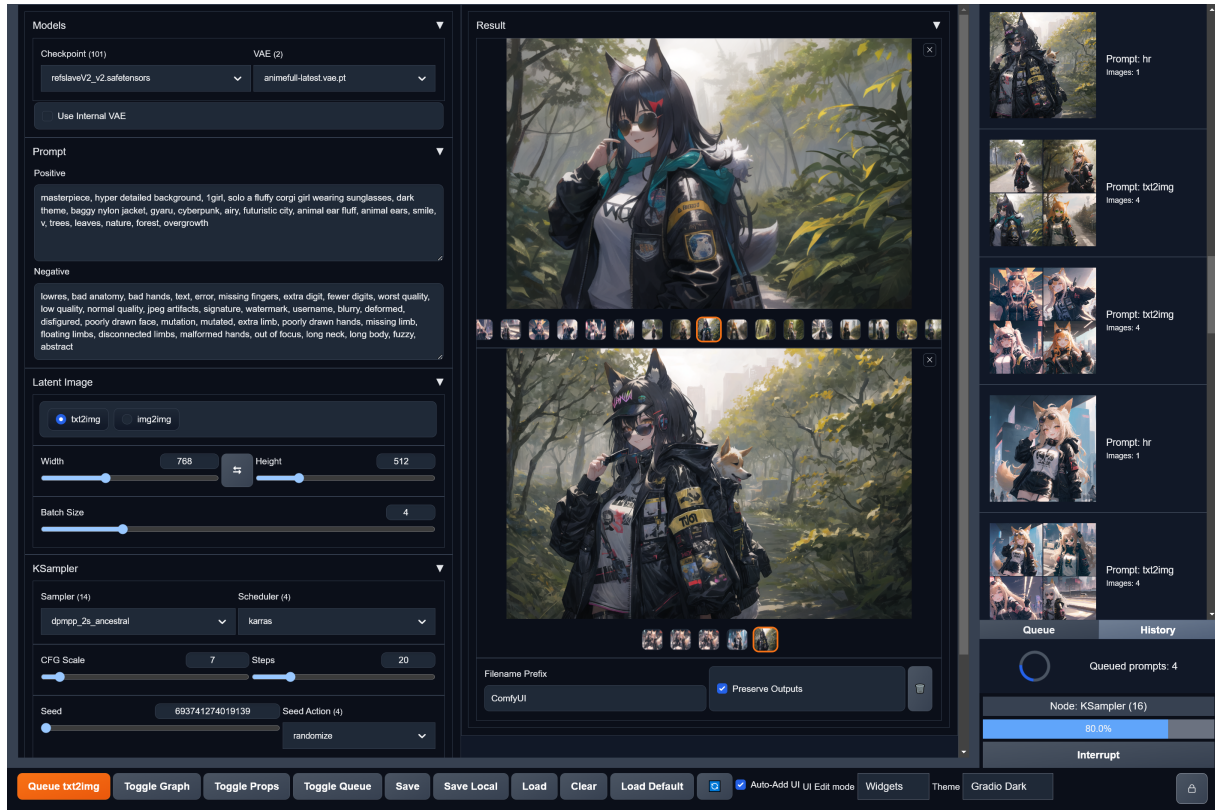
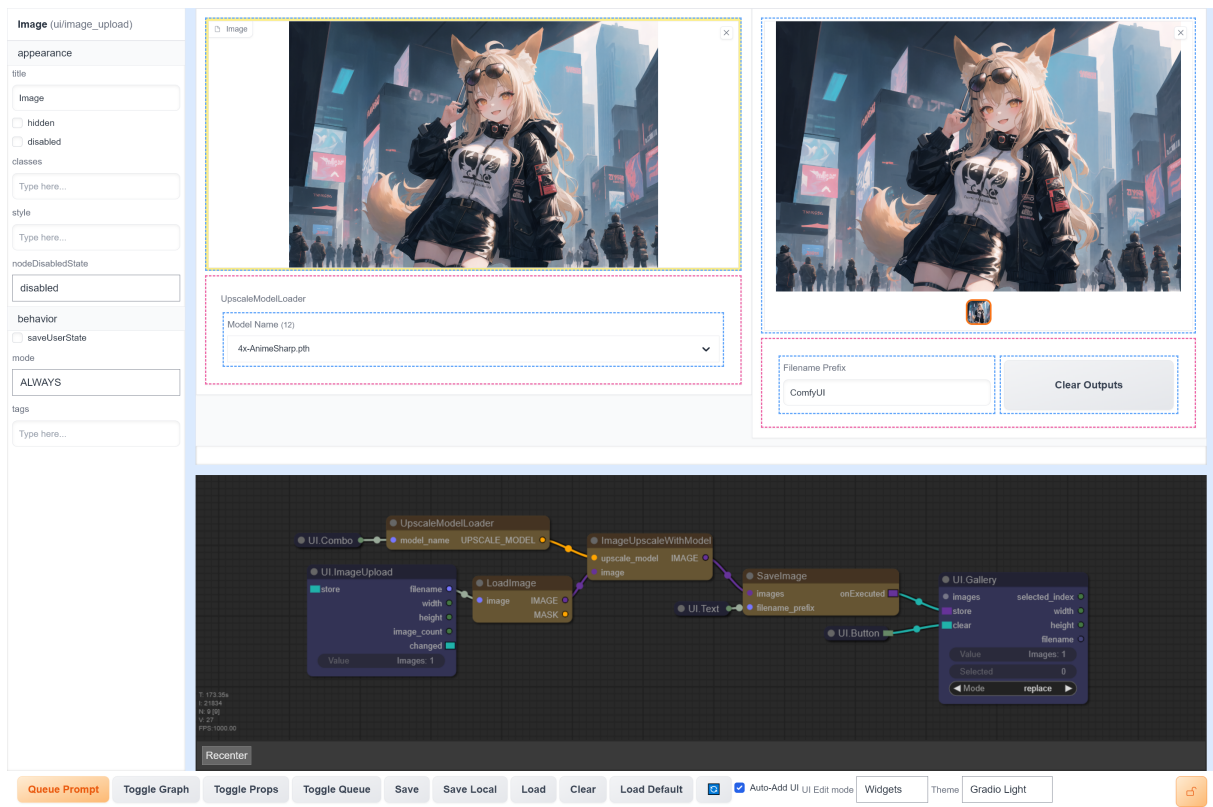


# ComfyBox

ComfyBox is a frontend to Stable Diffusion that lets you create custom image generation interfaces without any code. It uses ComfyUI under the hood for maximum power and extensibility.





## Installation

1. Download the latest release here and extract it somewhere.
2. Start the ComfyUI backend with `python main.py --enable-cors-header`.
3. In the folder you extracted open the `run.bat/run.sh` script (requires Python 3 to be on your PATH). Alternatively you can serve the contents of the folder with any web server.

## Usage

A preconfigured workflow is included for the most common txt2img and img2img use cases, so all it takes to start generating is clicking **Load Default** to load the default workflow and then **Queue Prompt**.

You can import your existing workflows from ComfyUI into ComfyBox by clicking **Load** and choosing the `.json` or `.png` with embedded metadata, or dropping either file onto the graph viewer.

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## NOTE

This project is *still under construction* and some features are missing, be aware of the tradeoffs if you're interested in using it.

Also note that the saved workflow format is subject to change until it's been finalized after enough testing, so be prepared to lose some of your work from time to time.

## Features

- **No-Code UI Builder** - A novel system for creating your own Stable Diffusion user interfaces from the basic components.
- **Manage Multiple Workflows** - You can open as many workflows as you like and switch between them using tabs within the app. You can also write custom "Send To" actions to copy your image outputs into other workflows for further processing.
- **Use Your Existing Workflows** - Import workflows you've created in ComfyUI into ComfyBox and a new UI will be created for you.
- **Extension Support** - All custom ComfyUI nodes are supported out of the box.
- **Prompt Queue** - Queue up multiple prompts without waiting for them to finish first. Inspect currently queued and executed prompts.
- **Prompt History** - Browse through previously generated prompts and their output images/parameters.
- **Mobile-Friendly Version** - Includes a version of the UI optimized for mobile use, while still supporting the same customized workflows of the desktop version.

## Development

### Requirements

- [git](#)
- [pnpm](#)
- An installation of vanilla ComfyUI for the backend

### Installation

**NOTE:** If you're using Windows, the following commands must be run with Git Bash.

1. Clone the repo with submodules:

---

```
1 git clone https://github.com/space-nuko/ComfyBox --recursive
```

2. `pnpm install`
3. `pnpm prebuild`
4. `pnpm dev`
5. Start ComfyUI with `python main.py --enable-cors-header`
6. Visit `http://localhost:3000` in your browser