

Great! Running a **Whisper Web UI locally** is a fantastic way to use Whisper’s speech-to-text capabilities without needing to write much code yourself. I’ll guide you step-by-step.

How to Run Whisper Web UI Locally

What You’ll Need

- A computer running **Windows, macOS, or Linux**
 - Basic command line familiarity (copy-pasting commands)
 - Python installed (recommended: Python 3.8 or newer)
 - Git installed (optional but recommended)
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Step 1: Install Python

If you don’t have Python:

- Download from python.org
- Make sure to check “**Add Python to PATH**” on Windows during installation

Check by running in your terminal/cmd:

```
python --version
```

or

```
python3 --version
```

Step 2: Download Whisper Web UI

We’ll use the open-source [whisper-webui](https://github.com/danielgrib/whisper-webui) by Daniel Park — a popular browser UI for Whisper.

Open terminal/cmd and run:

```
git clone https://github.com/dsdanielpark/whisper-webui.git
cd whisper-webui
```

If you don't have git, download the ZIP from the GitHub page and extract it, then open terminal inside the folder.

Step 3: Install dependencies

Inside the `whisper-webui` folder, run:

```
pip install -r requirements.txt
```

This installs all needed Python libraries.

Step 4: Run the Web UI

Start the web app by running:

```
python app.py
```

You should see output like:

```
Running on http://127.0.0.1:5000
```

Step 5: Open Your Browser

- Open your favorite browser
- Visit: <http://localhost:5000>

You will see a clean web interface to upload audio files and get transcriptions.

Step 6: Upload and Transcribe

- Click **Upload Audio**
- Select any audio file (mp3, wav, m4a, etc.)
- Whisper will transcribe it and show the text on the page!

Optional: Change Whisper Model

By default, it may use a smaller model for speed. To use a bigger model (better accuracy):

- Edit `app.py`
- Change the line with the model argument, e.g.:

```
model = whisper.load_model("medium")
```

- Restart the app.
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Troubleshooting Tips

- If you get errors about missing packages, try:

```
pip install --upgrade pip setuptools wheel
pip install -r requirements.txt
```

- For Mac M1/M2, install **homebrew** and use it to install Python if needed.
 - For GPU acceleration (if you have a CUDA-compatible GPU), install PyTorch with CUDA support as per pytorch.org.
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Summary

Step	Command/Action
Install Python	Download & install from python.org
Clone repo	<code>git clone https://github.com/dsdanielpark/whisper-webui.git</code>
Install deps	<code>pip install -r requirements.txt</code>
Run app	<code>python app.py</code>
Visit browser	Open http://localhost:5000