

Gradio output

May 23, 2025

```
[1]: pip install --upgrade gradio
```

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Collecting gradio
  Downloading gradio-5.30.0-py3-none-any.whl.metadata (16 kB)
Collecting aiofiles<25.0,>=22.0 (from gradio)
  Downloading aiofiles-24.1.0-py3-none-any.whl.metadata (10 kB)
Requirement already satisfied: anyio<5.0,>=3.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (4.2.0)
Collecting fastapi<1.0,>=0.115.2 (from gradio)
  Downloading fastapi-0.115.12-py3-none-any.whl.metadata (27 kB)
Collecting ffmpy (from gradio)
  Downloading ffmpy-0.5.0-py3-none-any.whl.metadata (3.0 kB)
Collecting gradio-client==1.10.1 (from gradio)
  Downloading gradio_client-1.10.1-py3-none-any.whl.metadata (7.1 kB)
Collecting groovy~=0.1 (from gradio)
  Downloading groovy-0.1.2-py3-none-any.whl.metadata (6.1 kB)
Requirement already satisfied: httpx>=0.24.1 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (0.27.0)
Collecting huggingface-hub>=0.28.1 (from gradio)
  Downloading huggingface_hub-0.31.4-py3-none-any.whl.metadata (13 kB)
Requirement already satisfied: jinja2<4.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (3.1.4)
Requirement already satisfied: markupsafe<4.0,>=2.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (2.1.3)
Requirement already satisfied: numpy<3.0,>=1.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (1.26.4)
Collecting orjson~=3.0 (from gradio)
  Downloading orjson-3.10.18-cp312-cp312-
macosx_10_15_x86_64.macosx_11_0_arm64.macosx_10_15_universal2.whl.metadata (41
kB)
Requirement already satisfied: packaging in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (24.1)
Requirement already satisfied: pandas<3.0,>=1.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (2.2.2)
Requirement already satisfied: pillow<12.0,>=8.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (10.4.0)
Requirement already satisfied: pydantic<2.12,>=2.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from gradio) (2.8.2)
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Collecting pydub (from gradio)
 Downloading pydub-0.25.1-py2.py3-none-any.whl.metadata (1.4 kB)
 Collecting python-multipart>=0.0.18 (from gradio)
 Downloading python_multipart-0.0.20-py3-none-any.whl.metadata (1.8 kB)
 Requirement already satisfied: pyyaml<7.0,>=5.0 in
 /Applications/anaconda3/lib/python3.12/site-packages (from gradio) (6.0.1)
 Collecting ruff>=0.9.3 (from gradio)
 Downloading ruff-0.11.10-py3-none-macosx_10_12_x86_64.whl.metadata (25 kB)
 Collecting safehttpx<0.2.0,>=0.1.6 (from gradio)
 Downloading safehttpx-0.1.6-py3-none-any.whl.metadata (4.2 kB)
 Collecting semantic-version~=2.0 (from gradio)
 Downloading semantic_version-2.10.0-py2.py3-none-any.whl.metadata (9.7 kB)
 Collecting starlette<1.0,>=0.40.0 (from gradio)
 Downloading starlette-0.46.2-py3-none-any.whl.metadata (6.2 kB)
 Collecting tomlkit<0.14.0,>=0.12.0 (from gradio)
 Downloading tomlkit-0.13.2-py3-none-any.whl.metadata (2.7 kB)
 Collecting typer<1.0,>=0.12 (from gradio)
 Downloading typer-0.15.4-py3-none-any.whl.metadata (15 kB)
 Requirement already satisfied: typing-extensions~=4.0 in
 /Applications/anaconda3/lib/python3.12/site-packages (from gradio) (4.11.0)
 Collecting uvicorn>=0.14.0 (from gradio)
 Downloading uvicorn-0.34.2-py3-none-any.whl.metadata (6.5 kB)
 Requirement already satisfied: fsspec in
 /Applications/anaconda3/lib/python3.12/site-packages (from gradio-
 client==1.10.1->gradio) (2024.6.1)
 Collecting websockets<16.0,>=10.0 (from gradio-client==1.10.1->gradio)
 Downloading websockets-15.0.1-cp312-cp312-macosx_10_13_x86_64.whl.metadata
 (6.8 kB)
 Requirement already satisfied: idna>=2.8 in
 /Applications/anaconda3/lib/python3.12/site-packages (from
 anyio<5.0,>=3.0->gradio) (3.7)
 Requirement already satisfied: sniffio>=1.1 in
 /Applications/anaconda3/lib/python3.12/site-packages (from
 anyio<5.0,>=3.0->gradio) (1.3.0)
 Requirement already satisfied: certifi in
 /Applications/anaconda3/lib/python3.12/site-packages (from
 httpx>=0.24.1->gradio) (2025.1.31)
 Requirement already satisfied: httpcore==1.* in
 /Applications/anaconda3/lib/python3.12/site-packages (from
 httpx>=0.24.1->gradio) (1.0.2)
 Requirement already satisfied: h11<0.15,>=0.13 in
 /Applications/anaconda3/lib/python3.12/site-packages (from
 httpcore==1.*->httpx>=0.24.1->gradio) (0.14.0)
 Requirement already satisfied: filelock in
 /Applications/anaconda3/lib/python3.12/site-packages (from huggingface-
 hub>=0.28.1->gradio) (3.13.1)
 Requirement already satisfied: requests in
 /Applications/anaconda3/lib/python3.12/site-packages (from huggingface-

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hub>=0.28.1->gradio) (2.32.3)
Requirement already satisfied: tqdm>=4.42.1 in
/Applications/anaconda3/lib/python3.12/site-packages (from huggingface-
hub>=0.28.1->gradio) (4.66.5)
Requirement already satisfied: python-dateutil>=2.8.2 in
/Applications/anaconda3/lib/python3.12/site-packages (from
pandas<3.0,>=1.0->gradio) (2.9.0.post0)
Requirement already satisfied: pytz>=2020.1 in
/Applications/anaconda3/lib/python3.12/site-packages (from
pandas<3.0,>=1.0->gradio) (2024.1)
Requirement already satisfied: tzdata>=2022.7 in
/Applications/anaconda3/lib/python3.12/site-packages (from
pandas<3.0,>=1.0->gradio) (2023.3)
Requirement already satisfied: annotated-types>=0.4.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from
pydantic<2.12,>=2.0->gradio) (0.6.0)
Requirement already satisfied: pydantic-core==2.20.1 in
/Applications/anaconda3/lib/python3.12/site-packages (from
pydantic<2.12,>=2.0->gradio) (2.20.1)
Requirement already satisfied: click<8.2,>=8.0.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from
typer<1.0,>=0.12->gradio) (8.1.7)
Requirement already satisfied: shellingham>=1.3.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from
typer<1.0,>=0.12->gradio) (1.5.0)
Requirement already satisfied: rich>=10.11.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from
typer<1.0,>=0.12->gradio) (13.7.1)
Requirement already satisfied: six>=1.5 in
/Applications/anaconda3/lib/python3.12/site-packages (from python-
dateutil>=2.8.2->pandas<3.0,>=1.0->gradio) (1.16.0)
Requirement already satisfied: markdown-it-py>=2.2.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from
rich>=10.11.0->typer<1.0,>=0.12->gradio) (2.2.0)
Requirement already satisfied: pygments<3.0.0,>=2.13.0 in
/Applications/anaconda3/lib/python3.12/site-packages (from
rich>=10.11.0->typer<1.0,>=0.12->gradio) (2.15.1)
Requirement already satisfied: charset-normalizer<4,>=2 in
/Applications/anaconda3/lib/python3.12/site-packages (from
requests->huggingface-hub>=0.28.1->gradio) (3.3.2)
Requirement already satisfied: urllib3<3,>=1.21.1 in
/Applications/anaconda3/lib/python3.12/site-packages (from
requests->huggingface-hub>=0.28.1->gradio) (2.2.3)
Requirement already satisfied: mdurl~=0.1 in
/Applications/anaconda3/lib/python3.12/site-packages (from markdown-it-
py>=2.2.0->rich>=10.11.0->typer<1.0,>=0.12->gradio) (0.1.0)
Downloading gradio-5.30.0-py3-none-any.whl (54.2 MB)
54.2/54.2 MB

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3.8 MB/s eta 0:00:0000:0100:01
Downloading gradio_client-1.10.1-py3-none-any.whl (323 kB)
Downloading aiofiles-24.1.0-py3-none-any.whl (15 kB)
Downloading fastapi-0.115.12-py3-none-any.whl (95 kB)
Downloading groovy-0.1.2-py3-none-any.whl (14 kB)
Downloading huggingface_hub-0.31.4-py3-none-any.whl (489 kB)
Downloading orjson-3.10.18-cp312-cp312-
macosx_10_15_x86_64.macosx_11_0_arm64.macosx_10_15_universal2.whl (249 kB)
Downloading python_multipart-0.0.20-py3-none-any.whl (24 kB)
Downloading ruff-0.11.10-py3-none-macosx_10_12_x86_64.whl (11.1 MB)
11.1/11.1 MB
3.7 MB/s eta 0:00:0000:0100:01
Downloading safehttpx-0.1.6-py3-none-any.whl (8.7 kB)
Downloading semantic_version-2.10.0-py2.py3-none-any.whl (15 kB)
Downloading starlette-0.46.2-py3-none-any.whl (72 kB)
Downloading tomlkit-0.13.2-py3-none-any.whl (37 kB)
Downloading typer-0.15.4-py3-none-any.whl (45 kB)
Downloading uvicorn-0.34.2-py3-none-any.whl (62 kB)
Downloading ffmpeg-0.5.0-py3-none-any.whl (6.0 kB)
Downloading pydub-0.25.1-py2.py3-none-any.whl (32 kB)
Downloading websockets-15.0.1-cp312-cp312-macosx_10_13_x86_64.whl (173 kB)
Installing collected packages: pydub, websockets, uvicorn, tomlkit, semantic-
version, ruff, python-multipart, orjson, groovy, ffmpeg, aiofiles, starlette,
huggingface-hub, typer, safehttpx, gradio-client, fastapi, gradio
  Attempting uninstall: tomlkit
    Found existing installation: tomlkit 0.11.1
    Uninstalling tomlkit-0.11.1:
      Successfully uninstalled tomlkit-0.11.1
  Attempting uninstall: typer
    Found existing installation: typer 0.9.0
    Uninstalling typer-0.9.0:
      Successfully uninstalled typer-0.9.0
Successfully installed aiofiles-24.1.0 fastapi-0.115.12 ffmpeg-0.5.0
gradio-5.30.0 gradio-client-1.10.1 groovy-0.1.2 huggingface-hub-0.31.4
orjson-3.10.18 pydub-0.25.1 python-multipart-0.0.20 ruff-0.11.10 safehttpx-0.1.6
semantic-version-2.10.0 starlette-0.46.2 tomlkit-0.13.2 typer-0.15.4
uvicorn-0.34.2 websockets-15.0.1
Note: you may need to restart the kernel to use updated packages.

```

```

[3]: import gradio as gr

def greet(name, intensity):
    return "Hello, " + name + "!" * int(intensity)

demo = gr.Interface(
    fn=greet,
    inputs=["text", "slider"],

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        outputs=["text"],  
    )  
  
demo.launch()
```

* Running on local URL: <http://127.0.0.1:7860>

* To create a public link, set `share=True` in `launch()`.

<IPython.core.display.HTML object>

[3]:

[]: