

Create a HTTP server with one command thanks to Python

1 min read · Feb 1, 2014



Ryan Blunden

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Not a new trick by any means, but if you need a simple HTTP Server to serve files from directory, Python makes this easy.

Note: If you don't have Python installed (most likely you're on Windows), get an installer from <http://python.org/>

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- Navigate to the directory you want to have the root directory.
- Execute the command to start the server.
- Python 2 — `python -m SimpleHTTPServer 8000`
- Python 3 — `python -m http.server 8000`

Then open a web browser at <http://localhost:8000/>.

This command will start a single threaded HTTP server bound to 0.0.0.0, the (simple) implications of which are that it is able to respond to internal and external requests.

I used port 8000 above but you can chose any port you want, although any port number below 1024 may give you permission denied errors if not executing as root.

More info about the SimpleHTTPServer available at
<http://docs.python.org/library/simplehttpserver.html>

Check out <https://ryanblunden.tech> for more developer content.

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What are your thoughts?



Hima Bindu

Jul 25, 2020



Straight and to the point!

But ``python -m http.server 8000`` didn't work for me, ``python3 -m http.server 8000`` worked!

Anyway Thank you so much!



16



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Peter Henry

Jul 26, 2023



Great and right to the point. Thanks!



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Yannis Moraitis

Nov 13, 2021



This was the first thing I found!



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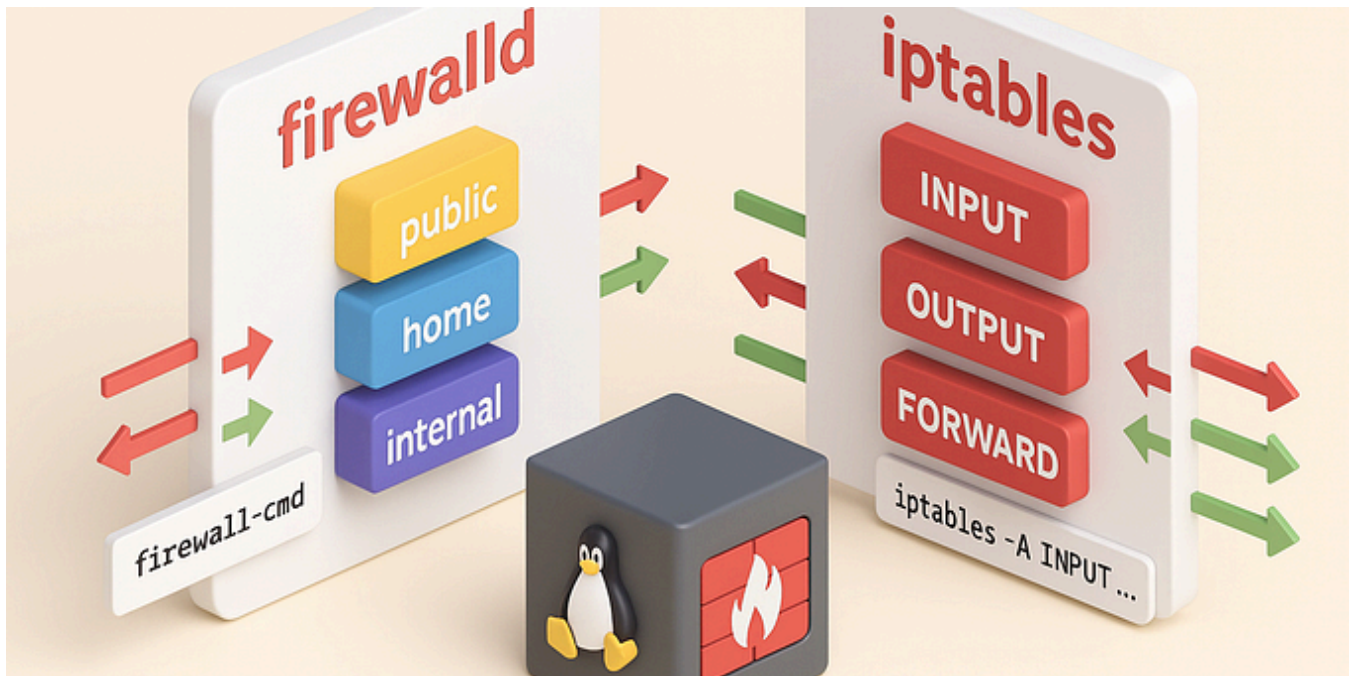
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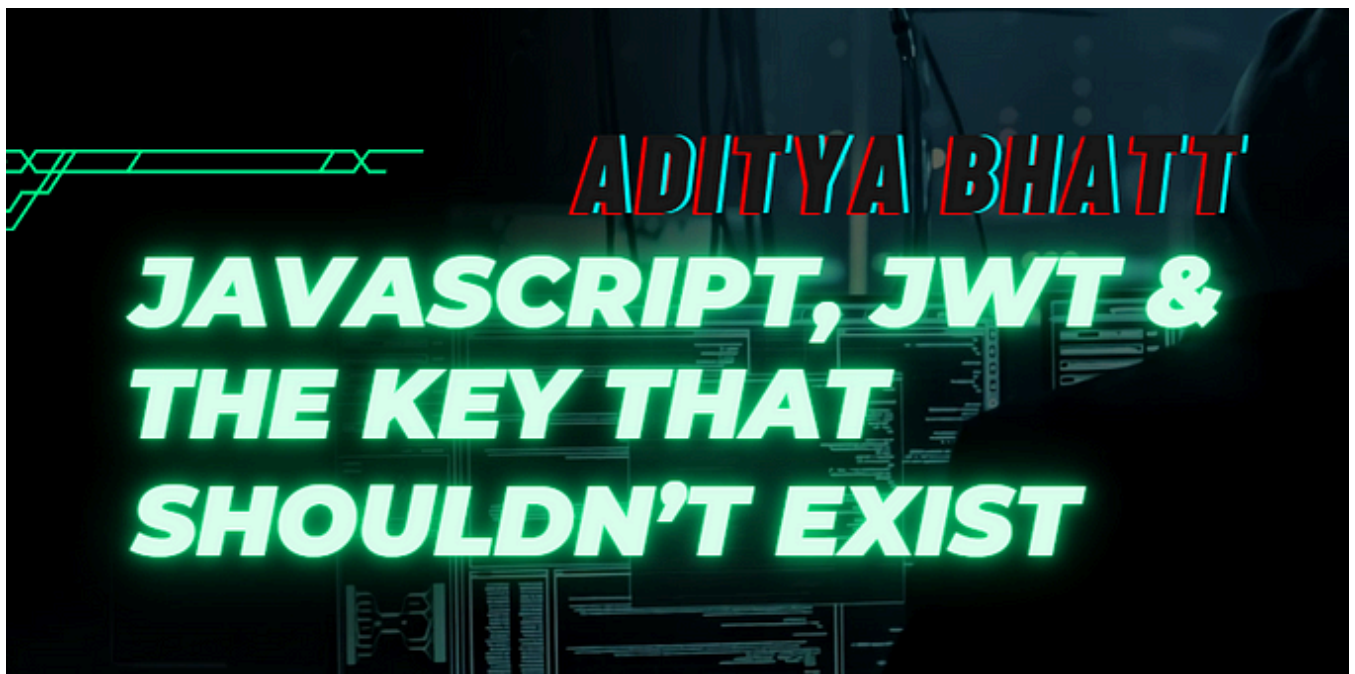


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```
2 if response.status_code (if you get 502, try rerunning the code)
3 |     print(f"Status: {response.status_code} - Try rerunning the code!")
4 else:
5 |     print(f"Status: {response.status_code}\n")
6
7 # using BeautifulSoup to parse the response object
8 soup = BeautifulSoup(response.content, "html.parser")
9
10 # finding Post images in the soup
11 images = soup.find_all("img", attrs={"alt": "Post image"})
```



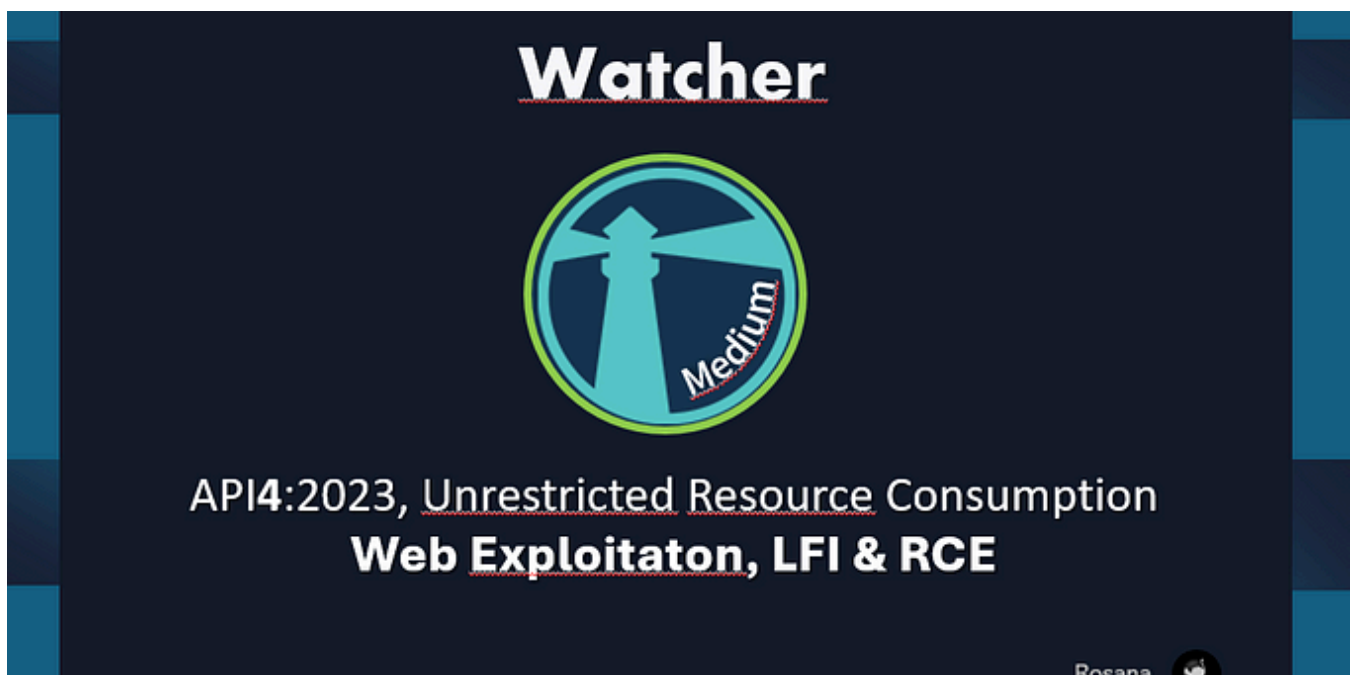
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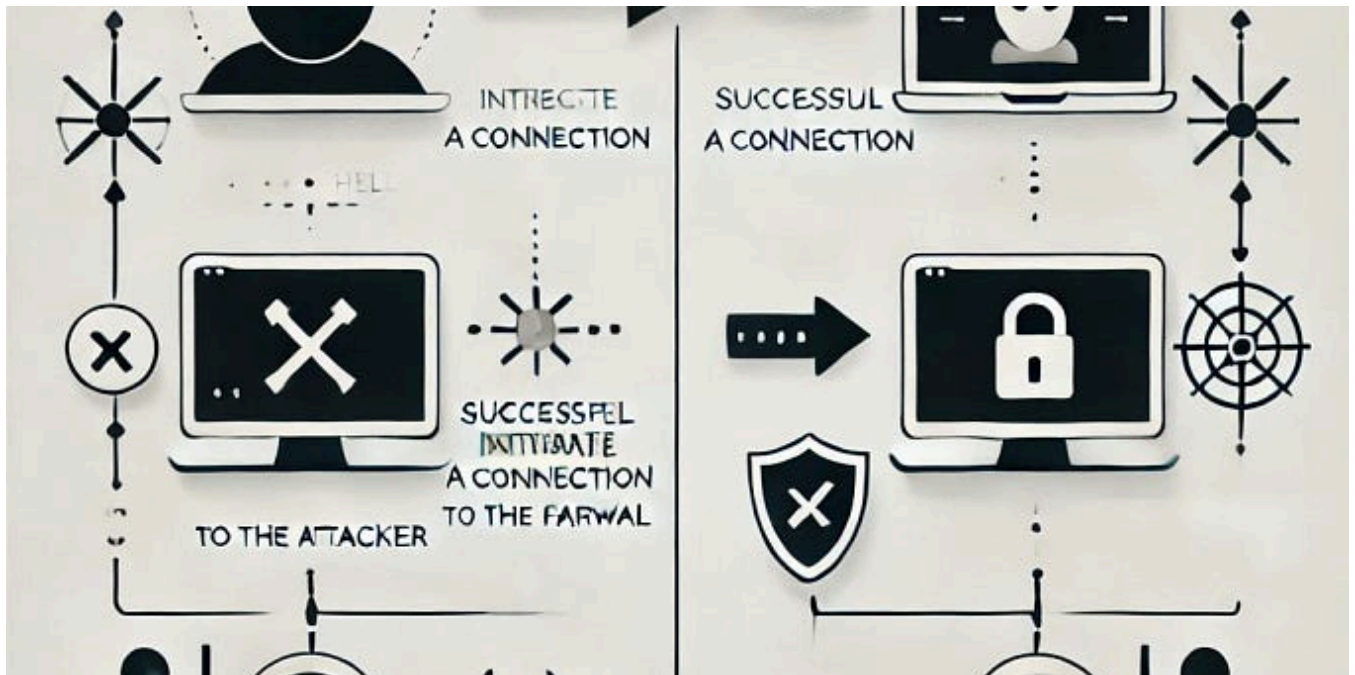


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