## **Enable https using UVICORN**

Asked 2 years, 8 months ago Modified 1 year, 9 months ago Viewed 25k times



I tried this tutorial (<a href="https://dev.to/rajshirolkar/fastapi-over-https-for-development-on-windows-">https://dev.to/rajshirolkar/fastapi-over-https-for-development-on-windows-</a> <u>2p7d</u>) and then when I went to my browser but I cannot access my localhost address using https,

if I try http it works but I need to use HTTPS.



Here is the code I tried:

```
import uvicorn
if __name__ == "__main__":
    uvicorn.run("app.api:app",
                 host="localhost",
                 port=8432,
                 reload=True,
                 ssl_keyfile="./key.pem",
                 ssl_certfile="./cert.pem")
```

fastapi uvicorn python

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## 2 Answers

Sorted by: Highest score (default)



Try with this



```
if __name__ = 'main':
    uvicorn.run(
               app,
               host="0.0.0.0",
               port=8432,
               ssl_keyfile="./localhost+4-key.pem",
               ssl_certfile="./localhost+4.pem"
               )
```

If you pass directly your app instead the description of attributes app.api:app you can't use the automatic reload and the workers, but it is an easy way to test if the things are good configured.

## Recommendations:

Ensure you are running this command: mkcert localhost 127.0.0.1 ::1 in the folder of your project, also you are probably writing wrong the name of the ssl certificates.

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edited Dec 31, 2021 at 13:35

answered Dec 31, 2021 at 13:23



Do we need .pem files for running https? How to create ssl certificate for https?

- Amarnath Reddy Surapureddy Feb 22 at 10:19

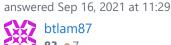
syntax typo if \_\_name\_\_ == 'main': need double == sign. 😉 - Sylvain Apr 30 at 11:33 🎤



If you got this error: "Unsupported upgrade request". Try install uvicorn[standard].



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AFTER verification the issue is about, Unverified HTTPS request. I can conclude that the certification is not supported by Firefox. It tried Chrome browser and it works perfectlty. From the client application, I should just accepted the provided certification – Minonja Nandraina Razakasoa | Sep 16, 2021 at 13:19 /