

Ubuntu: How to Kill DotNet Runtime

Sometimes, a dotnet runtime closes without releasing a listening port.

This will prevent it from restarting, because the port is already in use.

While running the **dotnet run** if you stop the server using **ctr + z** then it *Ctrl+z* sends the SIGTSTP (Signal Tty SToP) signal to the foreground job but don't actually stop the running kestrel server, so you have to manually end the process of the kestrel server.

SOLLUTION Only use **ctr + c** to stop the kestrel server, actually its even displayed on the shell while you run dotnet run.

To manually kill the kestrel server, use this command to get the running process that is listening on port 5000:

```
sudo lsof -iTCP -sTCP:LISTEN -P | grep :5000
```

Then, kill the process with:

```
sudo kill -9 PID
```

Revision #1

Created 15 June 2025 02:21:53 by glwhite

Updated 15 June 2025 02:23:42 by glwhite