

SPEEDTEST® CLI

Internet connection measurement for developers

Speedtest CLI brings the trusted technology and global server network behind Speedtest to the command line. Built for software developers, system administrators and computer enthusiasts alike, Speedtest CLI is the first official Linux-native Speedtest application backed by Ookla®.

With Speedtest CLI, you can easily:

- Measure internet connection performance metrics like download, upload, latency and packet loss natively without relying on a web browser
- Test the internet connection of your Linux desktop, a remote server or even lower-powered devices such as the Raspberry Pi® with the Speedtest Server Network™
- Set up automated scripts to collect connection performance data, including trends over time
- Use Speedtest in your programs by wrapping it in the programming language of your choice
- View test results via CSV, JSONL or JSON



Install Options

macOS

Ubuntu/Debian

Fedora/Centos/Redhat

FreeBSD

```
$ brew tap teamookla/speedtest
$ brew update
# Example how to remove conflicting or old versions using brew
# brew uninstall speedtest --force
$ brew install speedtest --force
```

Download Speedtest CLI

Speedtest CLI is maintained by the Ookla team. For assistance, please direct all inquiries to support@ookla.com.



macOS

[Download for macOS](#)

Installing via brew will ensure you are always running the most up-to-date version of Speedtest CLI. You should update brew as frequently as possible.



Windows

[Download for Windows](#)

Available for x86_64 only.



Linux

[Download for Linux](#) >

Available for: i386, x86_64, arm32, arm32hf, and arm64.



FreeBSD

[Download for FreeBSD](#) >

Available for x86_64 only.

Our mission at Ookla is to make the internet better and faster for everyone by providing data and insights on real-world internet performance and quality. With billions of tests and coverage scans worldwide, we meet you where you are with apps for the devices you use most.

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