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# Chrome 85 Is Clang PGO'ing Binaries For Better Performance But Linux Left Out

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As we frequently cover, making use of compiler PGO (Profile Guided Optimizations) can mean some sizable performance wins, assuming the generated usage profile is accurate. With the imminent Chrome 85 availability, Google

is now making use of PGO with their default LLVM Clang compiler toolchain for squeezing out around 10% better performance.

Going back four years ago is when Google engineers began experimenting with compiler PGO'ing for better browser performance. Back then they were enabling PGO on Windows builds carried out by the Microsoft MSVC compiler. But with LLVM Clang being Chrome's default compiler, with Chrome 85 they are now making use of profile-guided optimizations there. It took some additional time but Google is comfortable enough now with Chrome's PGO abilities.

[3]

Also: [WebBundles Harmful to Content Blocking, Security Tools, and the Open Web \(Standards Updates #2\)](#) [4]

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[3] [https://www.phoronix.com/scan.php?page=news\\_item&px=Chrome-85-Clang-PGO](https://www.phoronix.com/scan.php?page=news_item&px=Chrome-85-Clang-PGO)

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