

# bazel\_profile\_slow\_cc\_files

Calculates and sorts the slowest c++ files to build

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## Introduction

C++ files can be slow to compile because of templates and header parsing. This tool uses bazel to profile the build of a particular target and extract the actions that were the c++ compilation. It sorts and presents the slowest to compile files. Note that this is file compilation and not duration of any particular target.

## Installation

Software can be installed through apt-get. The following commands will add the ppa and install the software.

```
sudo curl -s --compressed -o /etc/apt/sources.list.d/bazel_profile_slow_cc_files.list 'http://ppa.launchpad.net/bazel-profile-slow-cc-files/ubuntu/ppa/dists/$(lsb_release -cs)/$(lsb_release -cs)-$(lsb_release -cs)-amd64.deb'
sudo apt update
sudo apt install bazel_profile_slow_cc_files
```

The debian file can also be installed/uninstalled directly. To uninstall you can use:

```
sudo apt remove bazel_profile_slow_cc_files
```

## Command Line

The tool can be used from the command line.

like google but you get numbers:

<code>--query arg</code>	<code>noogle search query</code>
<code>-h [ --help ]</code>	<code>produce this help message</code>
<code>-v [ --version ]</code>	<code>display version</code>