external_deps_analysis

Bazel Graph Creation on 3rd party library

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Introduction

When evaluating the impact that a third party repository has on other third party libraries, use this tool. It runs various bazel query commands to construct a simplified and conceptual view of third party inter-dependence.

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/external_deps_analysis.list 'https://ra
sudo apt update
sudo apt install external_deps_analysis
```

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

```
sudo apt remove external_deps_analysis
```

Command Line

The tool can be used from the command line.

```
constructs graph for third party dependance on a third party dependency:
  --dep arg             third party dep name (applied as '@DEP//...')
  --run_dir arg         where to run the analysis
  --output_dir arg      the directory to output graph artifacts
  --bazel arg           the name of the bazel runner (useful if repo has a
                        bazel wrapper or using bazelisk)
  -h [ --help ]         produce this help message
  -v [ --version ]      display version
```