

# bzlproto2bdf

A tool to produce a C++Test bdf file from a bazel build

# Prerequisite

Bazel version 0.17 or higher

## Installation

Unpack the zip file into [CPPTTEST\_INSTALL\_LOCATION]/bin/engine/

## Usage

BUILD file to include in top level of the workspace or appended into an existing BUILD file.

*BUILD file*

```
action_listener(  
  name = "parasoft",  
  extra_actions = [":cpptest-listener"],  
  mnemonics = ["CppCompile","CppLink"],  
  visibility = [ "//visibility:public" ],  
)  
  
extra_action(name = "cpptest-listener",  
             cmd =  
"[CPPTTEST_INSTALL_LOCATION]/engine/cpptest_extra_modules/bzlproto2bdf  
--targetInputFile=$(EXTRA_ACTION_FILE)")
```

To invoke bazel with the listener attached:

```
bazel build [build target] --experimental_action_listener=//:parasoft  
--action_env=BZLPROTO2BDF_BDF_OUTPUT=/path/to/save/bdf/to/on/file/system  
--action_env=BZLPROTO2BDF_WORKING_DIR=/path/to/root/of/the/project  
--spawn_strategy=standalone
```

### NOTE

":parasoft" may need a namespace eg: "projectname:parasoft" if the above actions are appended to an existing build file.

This will produce a bdf file at the specified path, which can then be used in Parasoft C++Test for project analysis.