

rust-demangler

Demangles rustc mangled names.

`rust-demangler` supports the requirements of the [llvm-cov show -Xdemangler option](#) to perform Rust-specific symbol demangling:

The demangler is expected to read a newline-separated list of symbols from stdin and write a newline-separated list of the same length to stdout.

To use `rust-demangler` with `llvm-cov` for example:

```
$ TARGET="${PWD}/build/x86_64-unknown-linux-gnu"
$ "${TARGET}"/llvm/bin/llvm-cov show \
  --Xdemangler=path/to/rust-demangler \
  --instr-profile=main.profdata ./main --show-line-counts-or-regions
```

`rust-demangler` is a Rust "extended tool", used in Rust compiler tests, and optionally included in Rust distributions that enable coverage profiling. Symbol demangling is implemented using the [rustc-demangle](#) crate.

(Note, for Rust developers, the third-party tool [rustfilt](#) also supports `llvm-cov` symbol demangling.

`rustfilt` is a more generalized tool that searches any body of text, using pattern matching, to find and demangle Rust symbols.)

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