

Conan Cheat Sheet

Consuming Packages

\$conan install <recipe reference> Install dependencies.

\$conan install . -build=missing Builds dependencies if no suitable binary found. "." specifies the location of the conanfile.

Creating Packages

\$conan create hello/0.1 Creates a package and stores it to local cache

\$conan new <recipe_reference> Creates a new recipe with boilerplate code.

\$conan new hello Creates a new recipe from the hello template

\$conan build Builds a package. Invokes the build method

\$conan export Export recipe to local cache but does not build it

Inspecting Packages

\$conan search Lists all packages in local cache

\$conan search <package_reference> Shows info about package. No info, if no binaries existing

\$conan info Shows dependencies of a package.

Terms

profile Stores settings and options

build_requires Requirements for build. Testing Frameworks and Build Frameworks

python_requires Calling python code from another recipe or python module

local cache blabla

recipe reference blabla

package ID blabla

Working with remotes

\$conan upload Uploads a package to a remote

\$conan remote list shows remote repositories

conan center Default remote repo

Cheatsheet Template

emmajane
cheatography.com/emmajane

Cheat Sheet creator

namorDev
<https://github.com/namorDev/Conan-Cheatsheet>

Event

Noser Engineering AG
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