

## 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](https://cheatography.com/emmajane)

### Cheat Sheet creator

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

### Event

Noser Engineering AG  
Kickoff 2022