CONAN CHEAT SHEET

Show Local Client Configuration
Conan application configuration
$ conan config get
Contents of a profile (e.g. default)
$ conan profile show default
Remote Repositories
$ conan remote list
Add and modify configurations
Install collection of configs
$ conan config install <url>
Change a single config value
$ conan config set general.revisions_enabled=1
Add a remote
$ conan remote add my_remote <url>
Provide credentials for remote
$ conan user -p <password> -r my_remote <username>
Display information from recipes or references
Displays attributes of conanfile.py
$ conan inspect <path> -a <attribute>
Displays content of conanfile.py for a reference
$ conan get <reference>
Display dependency graph info for a recipe
$ conan info <path_or_reference>

Search Packages
Search for packages in a remote
$ conan search zlib -r conan-center
Consume Packages
Install package using just a reference
$ conan install <package_reference>
Install list of packages from conanfile
$ cat conanfile.txt
[requires]
zlib/1.2.11
$ conan install <path_to_conanfile>
Consume packages in build system via generators
Install requirements and generate files
$ mkdir build && cd build
$ conan install ..
Run your build system (one of the following)
$ cmake .. && cmake --build .
$ msbuild myproject.sln
$ make
Create a package
Create a recipe (conanfile.py) from templates
$ conan new <reference> -m <template>
Just export the recipe to local cache
$ conan export <path_to_conanfile>
Create package from recipe for one configuration
Also implicitly does install and export steps
$ conan create . -pr <profile>
Upload a Package
One or more with wildcard support, with binaries
$ conan upload zlib* -r remote --all
Copy packaged files out of Conan cache
Using the deploy generator
$ conan install zlib/1.2.11@ -g deploy

Conan Recipe Methods in Package Creation

Install package using just a reference
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Install list of packages from conanfile
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