

export

Export targets from the build tree for use by outside projects.

```
export(EXPORT <export-name> [NAMESPACE <namespace>] [FILE <filename>])
```

Create a file <filename> that may be included by outside projects to import targets from the current project's build tree. This is useful during cross-compiling to build utility executables that can run on the host platform in one project and then import them into another project being compiled for the target platform. If the NAMESPACE option is given the <namespace> string will be prepended to all target names written to the file.

Target installations are associated with the export <export-name> using the EXPORT option of the [install\(TARGETS\)](#) command.

The file created by this command is specific to the build tree and should never be installed. See the [install\(EXPORT\)](#) command to export targets from an installation tree.

The properties set on the generated IMPORTED targets will have the same values as the final values of the input TARGETS.

```
export(TARGETS [target1 [target2 [...]]] [NAMESPACE <namespace>]  
      [APPEND] FILE <filename> [EXPORT_LINK_INTERFACE_LIBRARIES])
```

This signature is similar to the EXPORT signature, but targets are listed explicitly rather than specified as an export-name. If the APPEND option is given the generated code will be appended to the file instead of overwriting it. The EXPORT_LINK_INTERFACE_LIBRARIES keyword, if present, causes the contents of the properties matching (IMPORTED_)?LINK_INTERFACE_LIBRARIES(<CONFIG>)? to be exported, when policy CMP0022 is NEW. If a library target is included in the export but a target to which it links is not included the behavior is unspecified.

```
export(PACKAGE <name>)
```

Store the current build directory in the CMake user package registry for package <name>. The `find_package` command may consider the directory while searching for package <name>. This helps dependent projects find and use a package from the current project's build tree without help from the user. Note that the entry in the package registry that this command creates works only in conjunction with a package configuration file (<name>Config.cmake) that works with the build tree.