

SCons Reference Manual 0.96

Steven Knight

SCons Reference Manual 0.96

by Steven Knight

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Chapter 1. Preface

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Why sCons?

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History

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Conventions

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Acknowledgements

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Contact

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Chapter 2. Builder Reference

The Alias Builder

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The Alias Method

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The CFile Builder

X

The CFile Method

X

The Command Builder

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The Command Method

X

The CXXFile Builder

X

The CXXFile Method

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The Install Builder

X

The Install Method

X

The InstallAs Builder

X

The InstallAs Method

X

The Library Builder

Linking With a Library

```
env = Environment(CC = 'gcc',
                 LIBS = 'world')
env.Program('hello.c')

% scons
gcc -c hello.c -o hello.o
gcc -c world.c -o world.o
gcc -o hello hello.o -lworld
```

Creating a Library

```
env = Environment(CC = 'gcc',
                 LIBS = 'world')
env.Program('hello.c')
env.Library('world.c')

% scons
gcc -c hello.c -o hello.o
gcc -c world.c -o world.o
ar r libworld.a world.o
ar: creating libworld.a
ranlib libworld.a
gcc -o hello hello.o libworld.a
```

The Library Builder

X

The Object Builder

X

The Object Method

X

The PCH Builder

X

The PCH Method

X

The PDF Builder

X

The PDF Method

X

The PDF Builder

X

The PostScript Method

X

The Program Builder

X

The Program Builder

X

The RES Builder

X

The RES Method

X

The SharedLibrary Builder

X

The `SharedLibrary` Method

X

The SharedObject Builder

X

The `sharedObject` Method

X

The StaticLibrary Builder

X

The `staticLibrary` Method

X

The StaticObject Builder

X

The `staticObject` Method

X

Chapter 3. Construction Variable Reference

AR

x

Appendix A. Errors Generated by sCons

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Appendix A. Errors Generated by SCons