

SCons Reference Manual 1.1.0

Steven Knight

SCons Reference Manual 1.1.0

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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Chapter 2. Builder Reference

The Alias Builder

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The `Alias` Method

X

The CFile Builder

X

The `CFile` Method

X

The Command Builder

X

The `Command` Method

X

The CXXFile Builder

X

The `CXXFile` Method

X

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

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Appendix A. Errors Generated by sCons

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