SCons Reference Manual 0.96.96

Steven Knight

SCons Reference Manual 0.96.96
by Steven Knight

Revision 0.D024 (2007/05/16 21:48:33) Edition
Published 2003

Table of Contents

Chapter 1. Preface

X

Why `SCons`?

X

History

X

Conventions

X

Acknowledgements

X

Contact

X

Chapter 2. Builder Reference

The Alias Builder

X

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

AR

X

Appendix A. Errors Generated by `SCons`

X

X

X