

# CppUnit Installation

The components of SPK Library are unit-tested within the CppUnit framework. CppUnit is the C++ port of the famous JUnit framework for unit testing. Test output is in XML or text format for automatic testing and GUI based for supervised tests.

## Table of Contents

Download and Unpack.....	1
Build and Install .....	1

## Download and Unpack

Copy whitechuck:/opt/download/cppunit-1.8.0.tar.gz into /tmp on your workstation and unpack the tarball as follows:

```
cd /tmp
tar xvzf cppunit-1.8.0.tar.gz
```

It will extract files into a new subdirectory, cppunit-1.8.0.

Warning: The later versions of CppUnit have changed something that make our tests obsolete (ie. don't compile).

## Build and Install

1. Change directory to /tmp/cppunit-1.8.0 by typing in:

```
cd cppunit-1.8.0
```

2. First, run "configure" in the directory to correct values for various system dependent variables used during compilation. Type and run:

```
./configure
```

3. Now, run Make to build the libraries.

```
make
```

This builds

4. Finally, install the libraries and header files into /usr/local/lib and /usr/local/include (by default), respectively. This requires you to login as root.

```
su
make install
```

Done.

