

# Spatt Installation

Spatt is distributed with *CMakeLists.txt* files for [CMake](#), the cross-platform, open-source build system.

For example, to compile and install **Spatt** on a Unix system:

1. To create the *Makefiles* do:

```
cd spatt-<version>
mkdir build
cd build
cmake ..
```

## Note

**Spatt** requires the **Tclap** headers. If they are not installed in your system, you can specify the path where you have a local copy of them:

```
cmake -DTCLAP_INCLUDEDIR=<path>/tclap-1.2.1/include ..
```

## Note

To compile the shared library together with **spatt** executable:

```
cmake -DWITH_SHARED_LIB=ON ..
```

2. To compile do:

```
make
```

Or to have a more verbose output (every compiling line):

```
VERBOSE=1 make
```

3. To install the library and the executable, do `make install`.