How-to: Install ROSE (EDG4x)

1. `git-clone` the public repository on Github:

```
$ git clone https://github.com/rose-compiler/edg4x-rose.git rose
```

2. Run the Autotools bootstrap script in the ROSE source tree:

```
$ cd $ROSE_SOURCE
$ ./build
```

3. Run the Autoconf configure script in a separate compilation directory:

```
$ mkdir build_tree
$ cd build_tree

$ ${ROSE_SOURCE}/configure --prefix=/path/for/your/rose/installation
--with-boost=/path/to/your/boost/installation
```

> ⚠ **Supported GCC Versions**
> **July 24, 2013:** Only GCC 4.2.4 and 4.4.5 are currently used within internal testing, and therefore, EDG binary tarballs are only generated and released for these two compiler versions.

> ⚠ **Supported Boost Versions**
> **July 24, 2013:** Only Boost 1.45.0, 1.46.0, and 1.47.0 are tested and recommended at this time.

> ⚠ **ROSE Configuration Options**
> **July 24, 2013:** There are two minimal configurations of ROSE that are currently tested internally:
>
> ```
> $ $ROSE/configure --prefix=/path --with-boost=/path
> ```
>
> ```
> $ ROSE/configure --prefix=/path --with-boost=/path --disable-java
> --disable-fortran
> ```

4. Compile and Install ROSE:

```
$ cd $ROSE_BUILD
$ make -j install-core
```

> ⚠ The `install-core` target will compile and install `$ROSE/src` and `$ROSE/exampleTranslator` (and all prerequisites).