RELEASING CHOCO 2

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This document requires the correct installation of :

- Java SE Runtime Environment 6 (or greater),
- Maven 2 (or greater),
- a Subversion client.

Feel free to report any errors occurring during the execution of this steps.

1. CHECK-OUT SOURCE CODE

To check out the source code, run the following comand in a terminal:

```
$>svn co https://choco.svn.sourceforge.net/svnroot/choco trunk
```

Go in 'trunk' directory and install the project, using maven2 and the pom.xml:

```
$>mvn clean install -DskipTests
```

the option `-DskipTests` is recommended, as tests are run just after.

Run the tests over the entire project (and take a coffee):

```
$>mvn test -DtestFailureIgnore=true
```

The `-DtestFailureIgnore=true` option avoids hard stop on a failed test.
At that point, you should consider the failed tests (if exist) and fix them if necessary.

Make sure the `./src/changes/changes.xml` file has been correctly updated since the last release. The changes html file is created during the `mvn:site` command.

Prepare and perform release on SCM repository:

```
$>mvn release:prepare -DpreparationGoals=clean
$>mvn release:perform // TO VERIFY
```

At that point the source repository is up-to-date. Now the released files (ZIP and TAR.GZ) can be created on the newly tagged version.

Run the following commands (and take another coffee) to produce the final ZIP and TAR.GZ files:

```
$>mvn clean
$>mvn javadoc:aggregate
$>mvn package -DskipTests=true
$>mvn assembly:assembly -DskipTests=true
```

TODO prepare `choco-solver` and `choco-solver-cpviz` for `deploy` command.