

# umsCodeGenerator #####

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[English](#) (installation\_en.html)

1. #####

umsCodeGenerator #####

- [Java 2 Platform, Standard Edition \(J2SE\)](http://java.sun.com/) ##### 1.4 ##  
Java ##### JAVA\_HOME ##### PATH # \$JAVA\_HOME/bin #####  
###umsCodeGenerator #####
- [Apache Ant](http://ant.apache.org/) (http://ant.apache.org/) ##### 1.6.5  
Java ##### build #####
- [msv](https://msv.dev.java.net/) (https://msv.dev.java.net/)  
RELAX NG#RELAX Namespace#RELAX Core#TREX#XML DTDs#XML Schema  
Part 1#####
- [jing](http://www.thaiopensource.com/relaxng/jing.html) (http://www.thaiopensource.com/relaxng/jing.html)  
RELAX NG #####
- [trang](http://thaiopensource.com/relaxng/trang.html) (http://thaiopensource.com/relaxng/trang.html)  
#####
- [Xalan-Java](http://xml.apache.org/xalan-j/) (http://xml.apache.org/xalan-j/) Apache XML Project ##### XSLT  
#####

2. #####

umsCodeGenerator ##### version 0.4(2009032501) ### #####

- [umsCodeGenerator-2009032501.tar.gz](#)  
(/archives/umsCodeGenerator-2009032501.tar.gz)

3. #####

#####

umsCodeGenerator/yyyymmddvv #####

```
$ tar zxvf umsCodeGenerator-yyyymmddvv.tar.gz
```

umsCodeGenerator/yyyymmddvv ### #####setup.sh # setup\_cygwin.sh#

#####

#####

```
$ source setup.sh
```

#####C Compiler #####

```
$ export CC="gcc -std=c99 -g"
```

umsCodeGenerator #####

#####umsCodeGenerator # build #####

```
$ cd $TABLETOOLS_HOME  
$ ant
```

```
#####  
##### "BUILD  
SUCCESSFUL" #####
```

```
$ ant test
```

#### 4. #####

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