Tests

Contents

1 Introduction

Non regression tests are needed in all serious project. They consist to automate units tests by sending them alway the same input data and comparing the output to the expected good one.

2 Unary tests

Each JAVA file should contain a single class. In all theses class we define a `main` function that permit to test it without the global context. Under NETBEANS you select the file you want to test and then you press `maj-F6`. Else:

```
$ java -cp dist/nectar.jar nectar.ConfXml
```

3 Non regression tests

We need to run the tests under ANT, using externals tools like JDIFF (We decided to use only *oriented-java* tools). For now, it is too heavy to import such a tools into the developpement environment (and to stay portable). It should be something like:

```
$ java -cp dist/nectar.jar nectar.ConfXml < inputTest1 > outputTest1
$ [ -z "$(diff -q outputTest1 expectedTest1)" ] && echo "test ok" || echo 'test failed'
```