

Running Tests

Table of contents

1 Preparing the Test-Environment.....	2
2 Executing Tests.....	2

1. Preparing the Test-Environment

The im4java-distribution contains a number of tests. These tests don't formally prove the correctness of the code, they just show that the code compiles and runs. The test-cases also serve as examples for the usage of im4java.

To prepare the test-environment, UN*X-users just run

```
make test-prepare
```

Windows users run:

```
bin/test-prepare.bat
```

2. Executing Tests

To run the tests, you would run one of the following commands:

```
java -jar im4java-version.jar help
java -jar im4java-version.jar all
java -jar im4java-version.jar 1 2 4 9 16
```

The first command will print a list of available tests. The second command will run all tests, while the last command will only run the subset of tests given as arguments. Note that the [reference-section](#) also has a list of all available tests.

If you downloaded and compiled the source-package, UN*X-users can just run

```
make test
```

Note that this will also automatically prepare the test-environment.