BTS – Call Manager

Content

History

Version	Date	Adjustments	Signum
A	2006-09-28	First revision	MMAWI

1 Introduction

This document describes basic test information for Call Manager. It documents the test tools needed, how to set up the environment for various tests, and the procedure for testing. It also specifies the test cases for basic test.

After reading this document, you will know how to set up, execute and document a basic test for this product.

Note: if you choose to renumber the test cases in this document, you will need to renumber also the test cases in the BTR accordingly.

2 Test Tools

Since there are no manual test cases (only automated) in the Call Manager basic tests, there is no need for any test tools.

3 Test Environment

In order to run the basic tests, the following environment variables must be set:

- JAVA_HOME pointing to a Java 1.5 installation
- COBERTURA_HOME pointing to a Cobertura installation

4 Test Execution

This section specifies how to execute the Call Manager basic tests.

Note: The tests require that port 5060 is not allocated on the hosts that the tests are executed at.

4.1 Automated Test Cases

4.1.1 Test Areas

The following areas of automated test cases exist:

- Call Manager component tests using SipUnit
- Class tests

4.1.2 Test Documentation

The test cases are documented in the source code using javadoc.

4.1.3 Test Location

The automated test cases can be found here:

`/vobs/ipms/mas/callmanager/test`

4.1.4 Execute Tests

Run the automated test cases using the ant target *runtest*.

Check test case coverage using the ant target *runcoverage*.

5 Test Cases

There are no manual test cases for the Call Manager. All basic tests are automated.

6 Reporting Test Results

The test results are printed to stdout when executing the test cases. For each release, a summarized result is documented in [1]

7 References

[1] BTR – Call Manager
8/BTR-MAS0001

8 Terminology

Term   Explanation