

Terminology document

OpenLogbook

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1.0	10.11.2002	Mikko	First release version

Table 1: Changelog

More detailed history log can be found from WebCVS of the project [3].

1 Terminology and definitions

- CERN - European Organization for Nuclear Research (Organisation Européenne pour la Recherche Nucléaire)[1].
- Clean room - Room that is extremely clean from any particles. Special suites and equipment are needed to work in clean rooms.
- COM - Comment lines
- CVS - Concurrent Versions System [4]. A system for controlling different versions and releases of source files, documents etc.
- GUI - Graphical User Interface
- IRC - Internet Relay Chat. Real time chatting in virtual rooms or channels. In this project used for real time communication over network.
- JMF - *Java Media Framework* [2] adds multimedia to Java applications. Handles audio and video clips, graphics and images.
- JRE - *Java Runtime Environment* is a software bundle needed to run Java applications.
- Junit - Tool used to help java unit testing. See more in [6].
- LOC - Lines of Code.
- Log4j - A package for java which greatly eases logging data.
- MIC - Mikroelektronik Centret at the Danish Technical university
- OpenLogbook, concept - Recording everything that is possible and later on with the aid of OpenLogbook software decide what is interesting and what is not.
- OpenLogbook, software - OpenLogbook is a software capable of handling video, audio and text files, and will provide an easy-to-use user interface to them. One goal is to later on enable the sharing of experiments over the Internet, to create a kind of a virtual laboratory.
- RUP - Rational Unified Process. RUP is an instantiation of USDP.
- SDK - *Software Development Kit* is a bundle of software and libraries needed for software development.
- SEM - Scanning Electron Microscope. Used to observe extremely small objects like nanoscale structures.
- URL - Universal Resource Locator
- USDP - Unified Software Development Process. Software processing model that the course demands us to use.
- V-model - A test approach that is used in base of testing of the project.
- WBMS - Web Based Task Management System. A task management system for the projec's internal use.
- XML - Extensible Markup Language [5]. XML is a flexible markup language, not fixed like HTML, but rather a metalanguage for describing information.

References

- [1] CERN homepage
<http://www.cern.ch>
Cited: 27.11.2002.
- [2] Java Media Framework
<http://java.sun.com/products/java-media/jmf/index.html/>
Cited: 23.10.2002.
- [3] OpenLogbook project webpages for the course T-76.115
<http://motha.tky.hut.fi/openlogbook/>
Cited: 23.10.2002.
- [4] Concurrent Versions Systems
<http://www.cvshome.org>
- [5] Extensible Markup Language (XML)
<http://www.w3.org/XML/>
Cited: 20.11.2002.
- [6] Tuomas Nissi: Automated Unit Testing with JUnit
http://motha.tky.hut.fi/openlogbook/methods/unit_testing/
Cited: 24.11.2002.