ClubUML

CSYE7945 Spring 2013

Glossary

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# Revision History

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| **Revision** | **Date** | **Author(s)** | **Notes** |
| 1.0 | 3/11/13 | Christian Beltran | Initial Draft |
| 1.1 | 3/24/13 | Chris Serrano | Minor formatting edits |
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# Introduction

This document holds the glossary for all terms and abbreviations used for the CLubUML project. It will define and describe any technical words(s) found in other documentation.

# Glossary

|  |  |
| --- | --- |
| **Term** | **Description** |
| Ecore | A type of file that is produced by the Eclipse Tools plugin. It allows for class diagram UML1.0 creation. |
| GIF | Graphics interchange format |
| GraphViz | Open source graph (network) visualization project from AT&T Research. |
| JavaBeans | Are reusable software components for Java. Practically, they are classes written in the Java programming language conforming to a particular convention. |
| JavaScript | An interpreted computer programming language, commonly used for scripting in web related files. |
| JDBC | Java Database Connectivity |
| JSP | Java Server Pages is a technology that helps software developers create dynamically generated web pages based on HTML, XML, or other document types. |
| Meta-model | The analysis, construction and development of the frames, rules, constraints, models and theories applicable and useful for modeling a predefined class of problems. For this project, it is related to XML. |
| MySQL | My Structured Query Language is an open source version of SQL |
| MVC | Model View Controller |
| PNG | Portable network graphics is a type of file for a picture. |
| Papyrus | An Eclipse plugin that allows for UML2.0 diagrams creation and exporting in xml. |
| Pic | A domain-specific programming language by Brian Kernighan for specifying diagrams in terms of objects, such as boxes with arrows between them. |
| Pic2Plot | This program takes one or more files in the Pic language, and either displays the figures that they contain on an X Window System display, or produces an output file containing the figures. Many graphics file formats are supported. |
| PDF | Portable Document Format |
| SAX Parser | A Java class that defines the API that wraps an XMLReader implementation class. |
| SQL | Structured Query Language used for database applications |
| UML | Unified Modeling Language |
| UMLGraph | Allows the declarative specification and drawing of UML class and sequence diagrams, open source. |
| XMI | XML Metadata Interchange |
| XML | Extensible markup language |