**Appendix D**

**Introduction to STAR UML**

Star UML is an open source project to develop fast, flexible, extensible, featureful, and freely-available UML/MDA platform running on Win32 platform. The goal of the Star UML project is to build a software modeling tool and also platform that is a compelling replacement of commercial UML tools such as Rational Rose, Together and so on.

**UML 2.0** : UML is continuously expanding standard managed by [OMG(Object Management Group)](http://www.omg.org/). Recently, UML 2.0 is released and Star UML support UML 2.0 and will support latest UML standard.

**MDA (Model Driven Architecture)** : MDA is a new technology introduced by OMG. To get advantages of MDA, software modeling tool should support many customization variables. StarUML is designed to support MDA and provides many customization variables like as UML profile, Approach, Model Framework, NX(notation extension), MDA code and document template and so on. They will help you fitting tool into your organizational cultures, processes, and projects.

**Plug-in Architecture** : Many users require more and more functionalities to software modeling tools. To meet the requirements, the tool must have well-defined plug-in platform. Star UML provides simple and powerful plug-in architecture so anyone can develop plug-in modules in COM-compatible languages (C++, Delphi, C#, VB, ...)