Tigerstripe
Project Creation Review

http://www.eclipse.org/proposals/tigerstripe
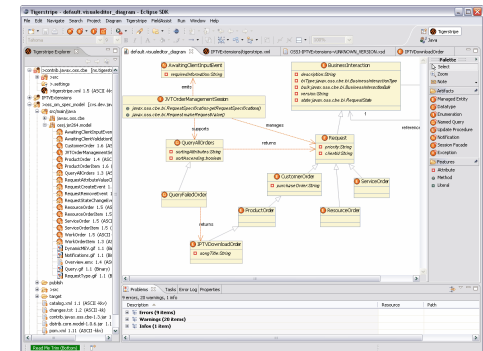
Overview

- **What is Tigerstripe?**
- **Scope**
- **Code Contribution**
- **Initial Committers**
- **User Community**
- **Community Involvement**
- **Cross-Project Relationship**
- **Roadmap**

What is Tigerstripe?

- **Tigerstripe is a commercial grade end-user Model-Driven Engineering environment focusing on Telecom Vertical**
- **It provides**
  - **A modeling environment taylored for Telecommunications Standards**
  - **A model scoping facility**
  - **A generation engine based on custom plugins**
- **Framework for commercial Cisco extensions around Network Management Solutions**

3

Scope

- **Contribute an end-user framework for MDE focusing on Telecom Vertical**

- **Integrate additional components from Modeling Project**
    - **Feedback user requirements, experience**

- **Solicit extensions through generation plugins, additional profiles/models**

- **Provide additional tools, examples to allow integration with other existing environments**

4

Code Contribution

- **Cisco will contribute source for Tigerstripe Workbench**
  - Including Class and Instance Diagrams
  - Headless build environment
  - Plugin engine
  - Import/export to UML2
- **Tigerstripe Plugin Examples**
  - E.g. XML export plugin.

Initial Committers (6)

- ## Eric Dillon, Cisco (Committer, Project Lead)
  - Eric Dillon is a Technical Leader at Cisco. He has been at the origin of Tigerstripe from the early prototypes. He has developed a significant portion of the framework. With a strong background in Telecommunications, he has been an active contributor to multiple Telecommunication Standards, and was the initial Spec. Lead for JSR-210 on Service Quality Management. Prior to joining Cisco, he was co-founder and CTO of Tigerstripe, Inc.

- ## Richard Craddock, Cisco (Committer)
  - Richard Craddock is a Technical Leader at Cisco. He has been involved with Tigerstripe since its inception, developing parts of the core application. His recent focus has been on the code generation aspects of tigerstripe where he has worked with industry leaders and standards developers to create a range of plugins creating different output formats - Java, WSDL, XSD, HTML. Prior to joining Cisco, Richard worked as a Development manager responsible for integration a wide range of mobile telephony networks into a Performance Management solution. [rcraddoc@cisco.com]

Initial Committers (6)

- **Steve Jerman, Cisco (Committer)**
  - Steve Jerman is an architect working on Information Modeling for networks at Cisco. Steve has been involved with open source development and standards development for many years now. His is currently a committer on the Eclipse COSMOS project and also the AndroMDA project (www.andromda.org). In addition he has contributed to the Apache Muse project and various WBEM opensource initiatives (http://wbemservices.sourceforge.net/, http://www.opengroup.org/snia-cimom/ and http://www.openpegasus.org/).

- **Duncan Keysell, Cisco (Committer)**
  - Developer of Tigerstripe Workbench plug-ins, primarily its Hibernate plug-in. Currently working to enhance and maintain Cisco's plug-ins for Tigerstripe Workbench. For the past year responsible for the Quality Assurance of Tigerstripe Workbench code and also worked on the design of Tigerstripe Workbench features. Ten years experience as either Technical or Project lead in design, development and deployment of multi-technology and multi-vendor Element Management and Performance Management OSS for mobile networks.

Initial Committers (6)

- ## Jim Strawn, Cisco (Committer)
  - Jim Strawn is an engineer with Cisco, with experience writing model based platforms and tooling. He has made code contributions to the DMTF CIMOM (Common Information Model Object Manager), and has previous experience writing CIM (Common Information Model) providers. His recent focus has been writing modeling tools and he is currently working with the "core" technology tier of the tigerstripe workbench.

- ## John Worrell, Cisco (Committer)
  - John Worrell is a Technical Leader with Cisco, with experience drawn from a wide-range of business domains most recently that of network management, but including computer aided design and analysis for the electronics industry, and financial services. As a consequence of his experiences he developed an appreciation for the need for architectural clarity, and for the use of tools to enable the realization of an architectural vision. Recognition of the need for good code-generation tools he has recently become involved in developing plugins for Tigerstripe.

User Community

- **Tigerstripe has a strong existing user community**
    - OSSJ standard APIs are produced with Tigerstripe
    - TeleManagement Forum technical teams are using Tigerstripe for next generation OSS Interfaces
    - More than 20 large companies use Tigerstripe

- **In Eclipse, Tigerstripe's user community will diversify**
    - De-facto environment for Telecom Standard model exchanges and proprietary extensions
    - Library of standard generation plugins
    - Appeal to other industry verticals

Community Involvement

- **Interested Parties**
    - Harris Stratex,
    - Telcordia,
    - Progress Software,
    - Vodafone D2,
    - Nokia Siemens Networks,
    - Amdocs,
    - Frox
- **Project Mentors**
    - Doug Schaefer, member of the Eclipse Architecture Council and a member of the Tools PMC
    - Harm Sluiman, member of the Eclipse architecture council and of the TPTP PMC.

Cross-Projects Relationships

- **With Modeling Project**
  - Adopt Modeling project components
  - Feedback end-user requirements for MDD framework
- **With Cosmos Project**
  - Interest for Modeling aspects

Roadmap

- **Dec'07**
    - Initial code contribution
    - Wiki set up to include all existing tutorials and documentation
- **Q1'08**
    - Jan'08: first open-source release (v2.3)
    - Feb'08: community outreach (TMF Action Week, Lisbon)
    - Extensions for custom model decorations
    - End-of Q1'08: v2.4
- **Q2'08**
    - Support for EMF/UML2 component (modeling project)
    - Support for model validation