

Tigerstripe Project Creation Review

Overview

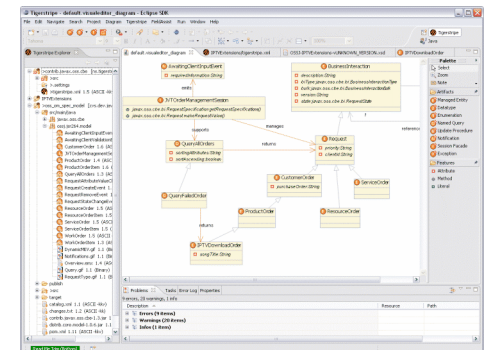
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- **What is Tigerstripe?**
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What is Tigerstripe?

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- **Tigerstripe is a commercial grade end-user Model-Driven Engineering environment focusing on Telecom Vertical**
- **It provides**
 - **A modeling environment taylorred for Telecommunications Standards**
 - **A model scoping facility**
 - **A generation engine based on custom plugins**



Scope

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- **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**

Code Contribution

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- **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 (5)

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- **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.
[\[rcraddoc@cisco.com\]](mailto:rcraddoc@cisco.com)

Initial Committers (5)

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- **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. He 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 (5)

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- **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.

User Community

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- **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

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- **Interested Parties**

- Harris Stratex,
- Telcordia,
- Progress Software,
- Vodafone D2,
- Nokia Siemens Networks,
- Amdocs,
- Frox

- **Project Mentors**

- Doug Schaefer, Eclipse CDT Project Lead
- Harm Sluiman, member of the PMC, TPTP and COSMOS.

Cross-Projects Relationships

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

Roadmap

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- **Dec'07**
 - Initial code contribution
 - Wiki set up to include all existing tutorials and documentation
- **Q1'08**
 - Extensions for custom model decorations
 - Initial migration to EMF-based modeling palette
- **Q2'08**
 - Extensions for model validation