Eclipse Membership Annual Meeting

Monday, February 28, 2005
1:00pm-6:00pm
Hyatt Regency, Burlingame CA

Meeting Agenda

- Introduce New Strategic Developers
- Report on Themes and Priorities – Anurag Gupta, Intel
- Market Research – Janel Garvin, Evan's Data
- Business Research – Siobhan O'Mahoney, Harvard Business School

- Break

- Executive Director Report
- Project Update
- Healthcare Initiative - Igor Yasno, ITG
- Marketing Update

- Committer and Member Reception
  - 6:00-8:00pm in Scalini Room
  - Thanks to BEA for sponsoring!

Welcome to the New Strategic Developers

Executive Director Report

Eclipse Members Meeting
February 28, 2005

Welcome to New Members in Q1 2005

- Inpriva
- Lombardi Software
- ACM Queue (associate)
- Discovery machine
- Omondo
- BEA (Strategic Developer)
- Secure Software, Inc.
- Klocwork
- AvantSoft
- ITG
- BZ Media

Eclipse Is A Growing Innovative Community

- 13 Strategic Members

- 64 Add-In Provider Members;

- 14 Associate Members

- 6 Top level projects (plus 1 proposed)
  - 36 sub-projects (plus 3 proposed)

EclipseCon

- Thank you! Our members have made it a success

- Committers (and others) have responded with awesome content
  - 22 tutorials
  - 50+ sessions
  - 40+ posters for the poster reception
  - BOFs, Project Sprints

- 1000 Attendees SOLD OUT
  - 330+ different organizations
  - 45+ press and analysts in attendance

EclipseCon – Exhibit Hall SOLD OUT

- 37 exhibitors

- 7 Gold Sponsors: Accelerated, Actuate, Agitar, Borland, HP, IBM, SAP

- 9 Silver Sponsors: BEA, Enerjy, ETRI, Exadel, iLog, Intel, Scapa, Sybase, Wind River

- Borland, Intel, SAS and SAP sponsoring receptions

- Genuitec, IBM and Sybase hosting Vendor Receptions

- BEA sponsoring Committers and Member Reception
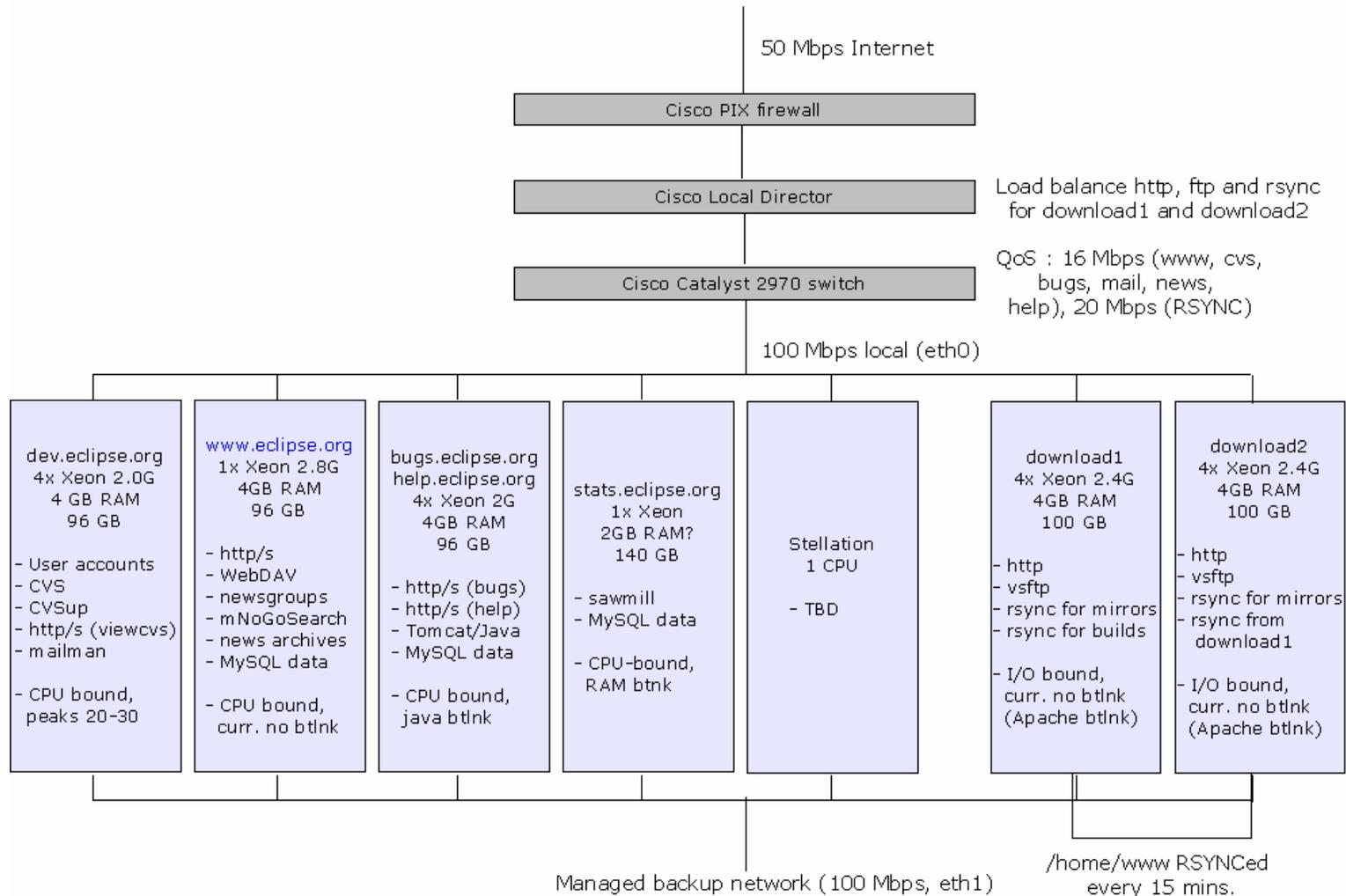
Eclipse Foundation Financials

- Deloitte & Touche have completed their audit of the Eclipse Foundation 2004 financial statements

- Financial Result for 2004
    - Revenue: $1.5M
    - Expenses: $1.1M

- Budget for 2005 (excluding EclipseCon)
    - Projected Revenue: $2.6M
    - Project Expenses: $2.6M

Eclipse.org Current Infrastructure

eclipse.org infratructure

50 Mbps Internet

| Cisco PIX firewall |

| Cisco Local Director |

Load balance http, ftp and rsync for download1 and download2

| Cisco Catalyst 2970 switch |

QoS : 16 Mbps (www, cvs, bugs, mail, news, help), 20 Mbps (RSYNC)

100 Mbps local (eth0)

dev.eclipse.org
4x Xeon 2.0G
4 GB RAM
96 GB

- User accounts
- CVS
- CVSup
- http/s (viewcvs)
- mailman

- CPU bound, peaks 20-30

www.eclipse.org
1x Xeon 2.8G
4GB RAM
96 GB

- http/s
- WebDAV
- newsgroups
- mNoGoSearch
- news archives
- MySQL data

- CPU bound, curr. no btlnk

bugs.eclipse.org
help.eclipse.org
4x Xeon 2G
4GB RAM
96 GB

- http/s (bugs)
- http/s (help)
- Tomcat/Java
- MySQL data

- CPU bound, java btlnk

stats.eclipse.org
1x Xeon
2GB RAM?
140 GB

- sawmill
- MySQL data

- CPU-bound, RAM btnk

Stellation
1 CPU

- TBD

download1
4x Xeon 2.4G
4GB RAM
100 GB

- http
- vsftp
- rsync for mirrors
- rsync for builds

- I/O bound, curr. no btlnk (Apache btlnk)

download2
4x Xeon 2.4G
4GB RAM
100 GB

- http
- vsftp
- rsync for mirrors
- rsync from download1

- I/O bound, curr. no btlnk (Apache btlnk)

Managed backup network (100 Mbps, eth1)

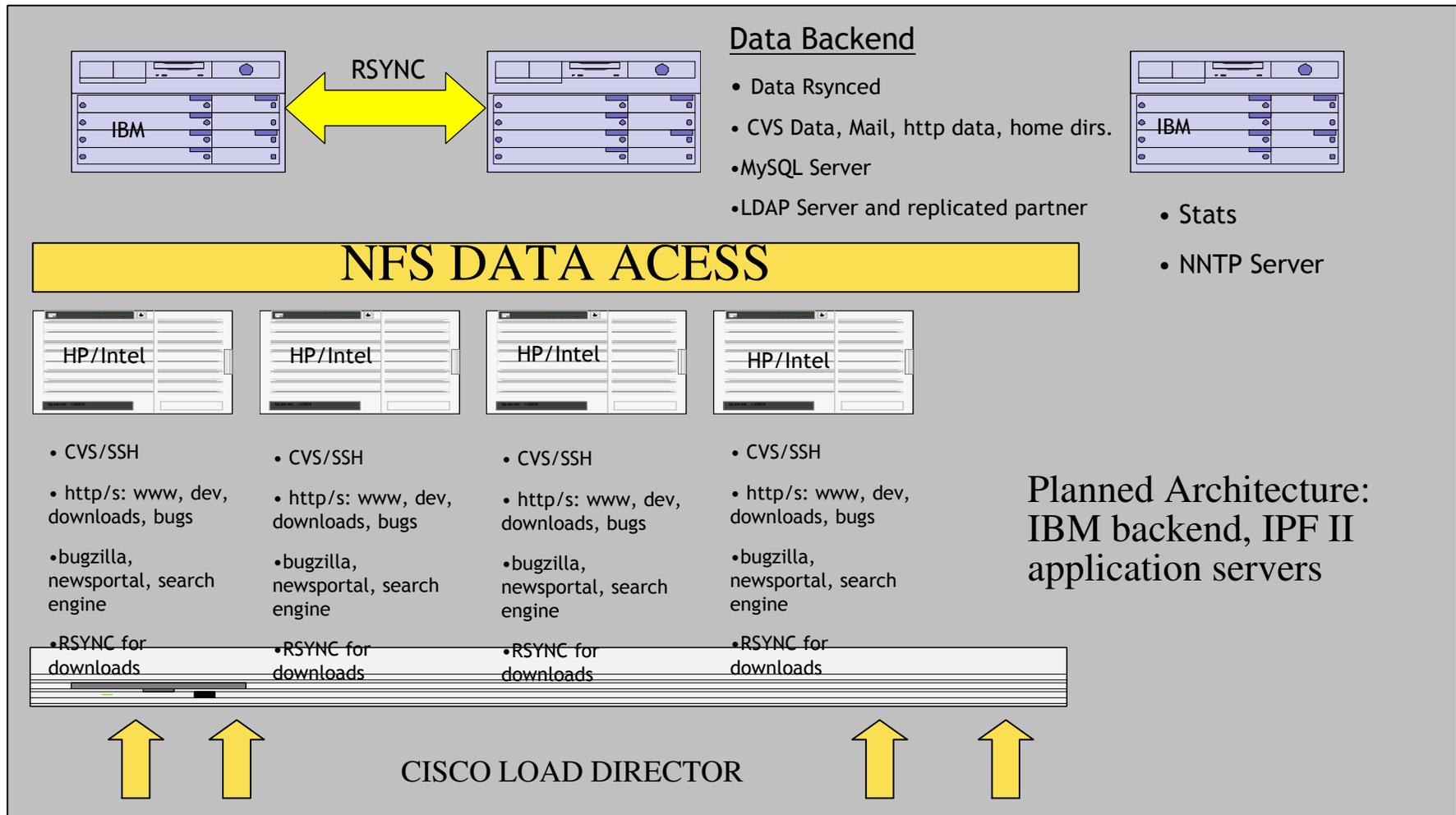/home/www RSYNCed every 15 mins.

Issues

- No fault tolerance or high availability
    - Every server is a single point of failure
- No scalability
    - Every server is different
    - No load balancing
- Insufficient horsepower for the work we are doing

- Good news: new download page has resulted in significant (>15%) bandwidth usage reduction
    - Lesson: simple changes can have a large positive effect

New Architecture (contributed by Intel)

RSYNC

Data Backend

IBM

- Data Rsynced
- CVS Data, Mail, http data, home dirs.
- MySQL Server
- LDAP Server and replicated partner

IBM

- Stats
- NNTP Server

NFS DATA ACESS

| HP/Intel | HP/Intel | HP/Intel | HP/Intel |

- CVS/SSH
- http/s: www, dev, downloads, bugs
- bugzilla, newsportal, search engine
- RSYNC for downloads

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Planned Architecture: IBM backend, IPF II application servers

CISCO LOAD DIRECTOR

Next Steps

- Objective is to be running on new hardware by March 31st
- Starting an EMO-led team for a new software architecture and significantly enhanced capabilities
    - Denis Roy (IT), Bjorn Freeman-Benson (committer requirements), Ian Skerrett (user and member requirements), Susan Iwai (user community requirements)
    - First deliverable is focused on defining process
        - How do we gather community requirements?
        - More importantly, how do we prioritize community requirements
        - Those who are willing to contribute work (as opposed to ideas) will go to the front of the queue

Board Elections

- Add-in Provider Representatives for 2005
    - Howard Lewis
    - Rich Main
    - Todd Williams

- Committer Representatives for 2005
    - Kai-Uwe Maetzel
    - Scott Lewis
    - John Weigand

Eclipse Development Roadmap

- Version 1.0 is now final!
    - Available at www.eclipse.org/org/councils/roadmap.html

- Important for making Eclipse a predictable, transparent, reliable community and source of technology

- Sections of the Roadmap
    - Strategic Goals and Future Directions
    - Themes and Priorities
    - Project Plans
    - Architecture

Process for Creating Roadmap

Requirements Council

PMC T&P's

Add-in Providers

Market research

Themes & Priorities

Themes & Priorities

Planning Council

Architecture Council

Platform Release

Architecture Plan

PMC Plans

PMC Arch
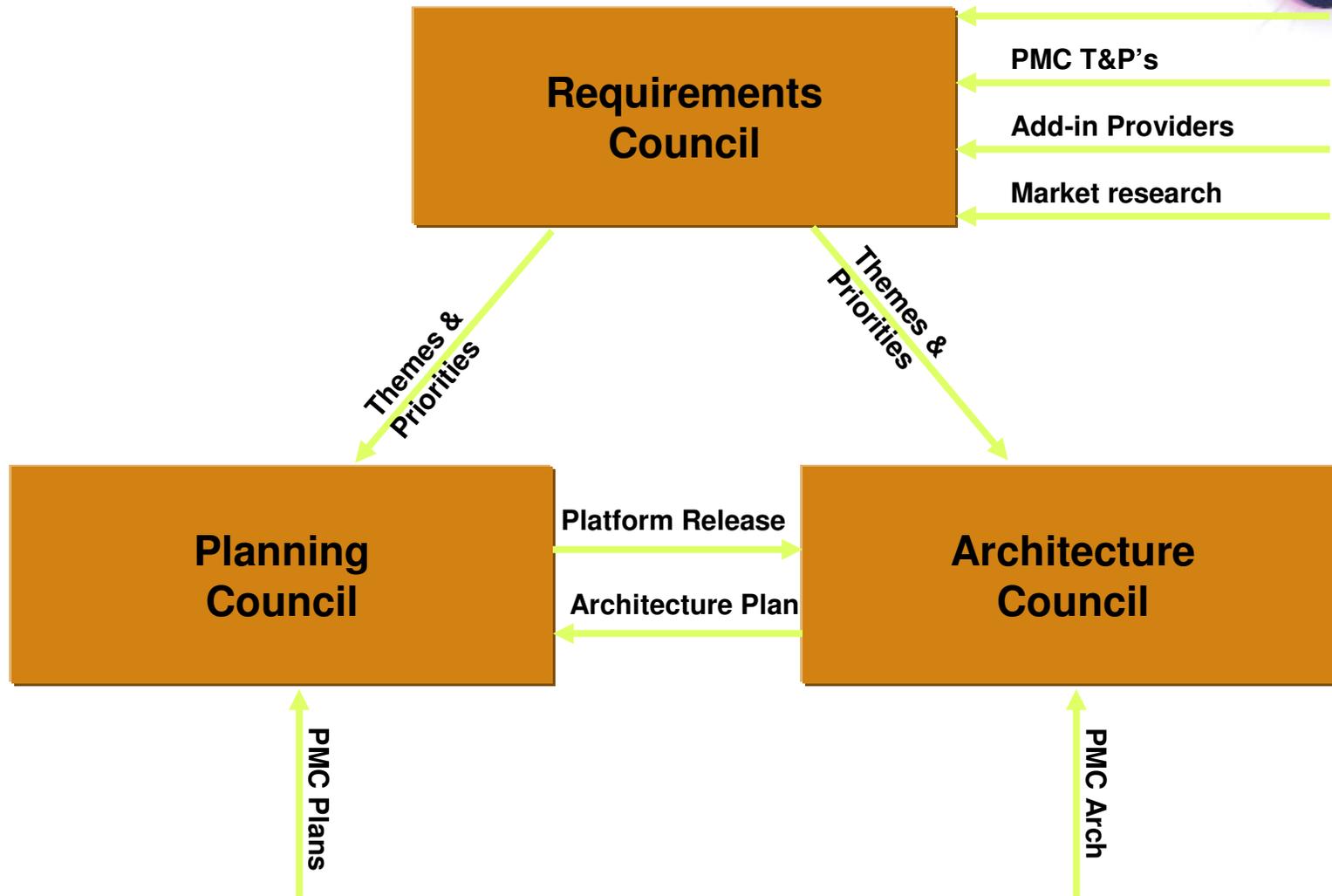
Roadmap Timeline

- Draft documents available for review by community
    - Themes and Priorities – Dec
    - Architecture Document – Feb

- Feedback incorporated into the final documents

- Roadmap approved by Board

Eclipse Strategic Goals

- To define an open development platform

- To foster a vibrant open source community well regarded for innovation and quality

- To enable an ecosystem

- To be ubiquitous

Future Directions for Eclipse

- Extend coverage of the software development life-cycle

- Extend the Rich Client Platform (RCP)

- Embedded

- Multiple language support

- Vertical market technology frameworks
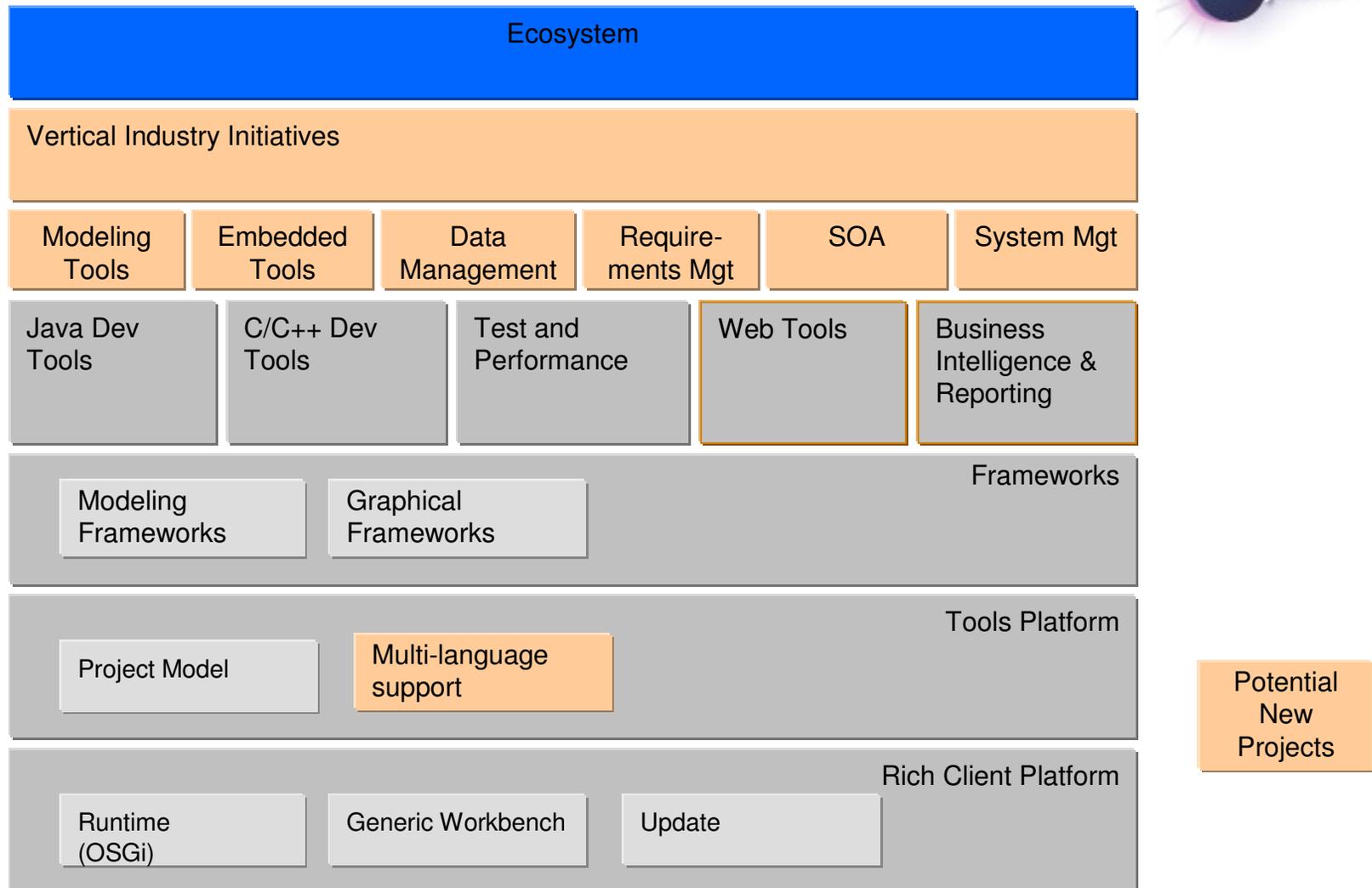
Requirement Council Themes and Priorities

- Performance and Scalability

- Enterprise Ready

- Design for Extensibility: Be a Better Platform

- Embedded (cross) development

- Build out Rich Client Platform

- Simple to Use

- Enable Consistent Multi-language Support

- Appealing to the Broader Community

Current Eclipse Architecture

Ecosystem

| Java Dev Tools | C/C++ Dev Tools | Test and Performance | Web Tools

Web Services

Web applications

J2EE | Business Intelligence & Reporting |

Frameworks

Modeling Frameworks

Graphical Frameworks

Tools Platform

Project Model

Rich Client Platform

Runtime (OSGi)

Generic Workbench
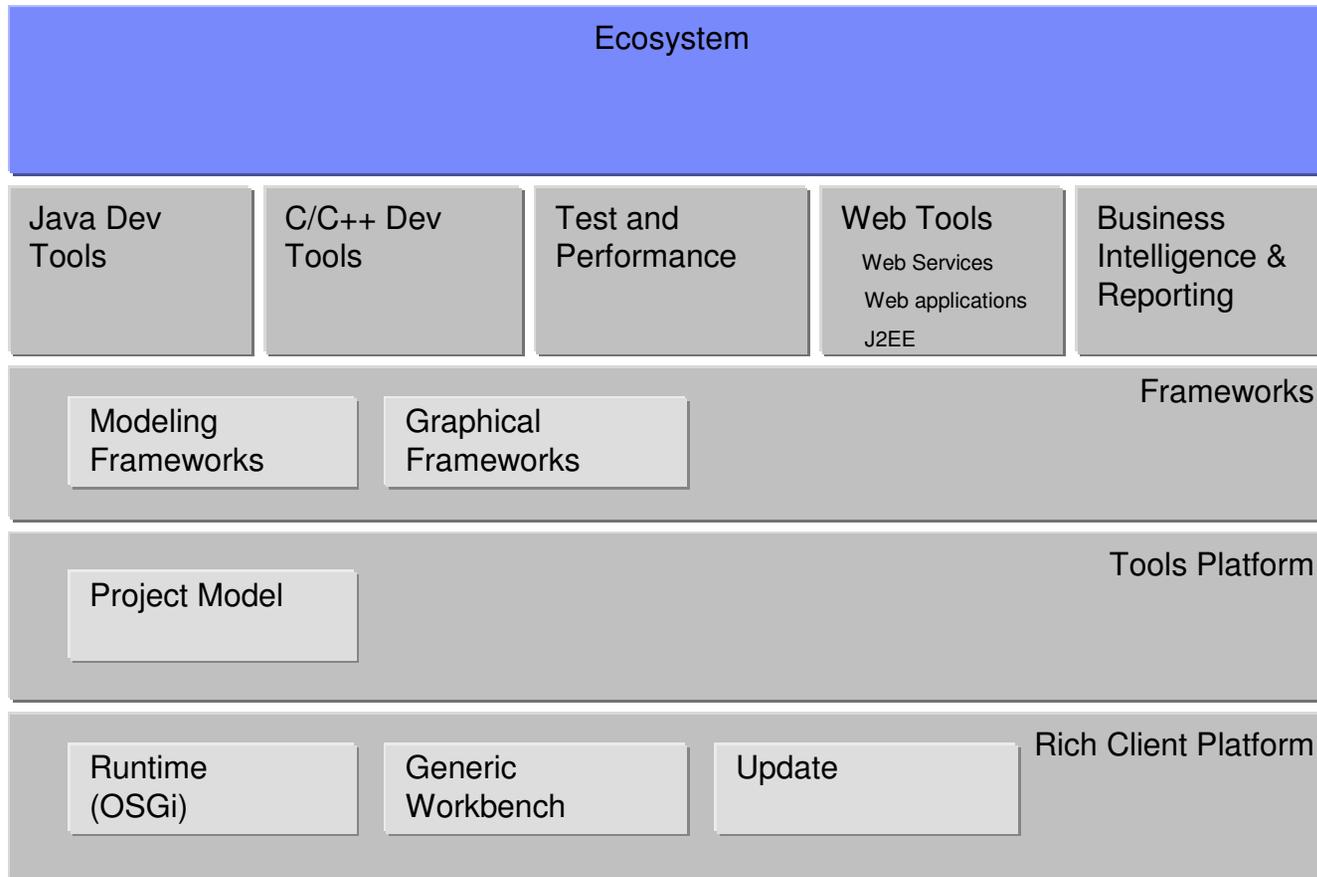
Update

Future Eclipse Architecture

Ecosystem

Vertical Industry Initiatives

Modeling Tools	Embedded Tools	Data Management	Require-ments Mgt	SOA	System Mgt

Java Dev Tools	C/C++ Dev Tools	Test and Performance	Web Tools	Business Intelligence & Reporting

Frameworks

Modeling Frameworks

Graphical Frameworks

Tools Platform

Project Model

Multi-language support

Rich Client Platform

Runtime (OSGi)

Generic Workbench

Update

Potential New Projects

Project Update

Eclipse Members Meeting
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Burlingame, CA

Q1 New Projects

- New Top Level Project Proposal - Data Tools Project

- New Technology Projects Created
  - Voice Tools Project
  - Parallel Tools Platform

- New Technology Projects Proposed
  - Eclipse Trust Framework
  - Desktop Technology Integration Project
  - Language Development Toolkit Project

- In the pipeline
  - Graphical Modeling Framework

Eclipse Project Structure Today
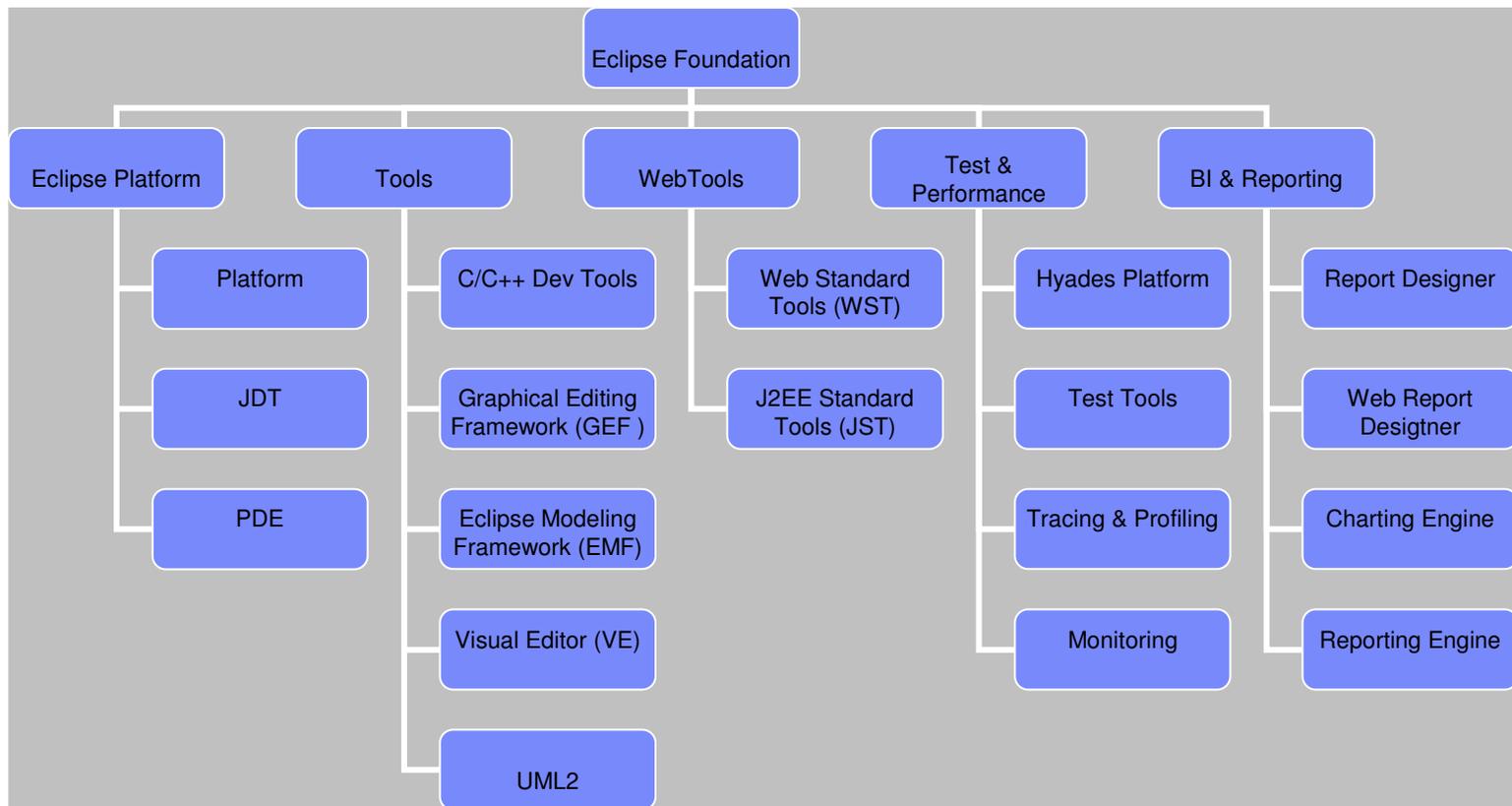
Eclipse Technology Project Structure Today

Technology PMC	
AspectJ/AJDT	AspectJ
Equinox	KOI
Stellation	ECESIS
GMT	XSD
Pollinate	WSVT
eRCP	Eclipse Communication Framework
OMELET	Voice Tools Project
Parallel Tools Platform	
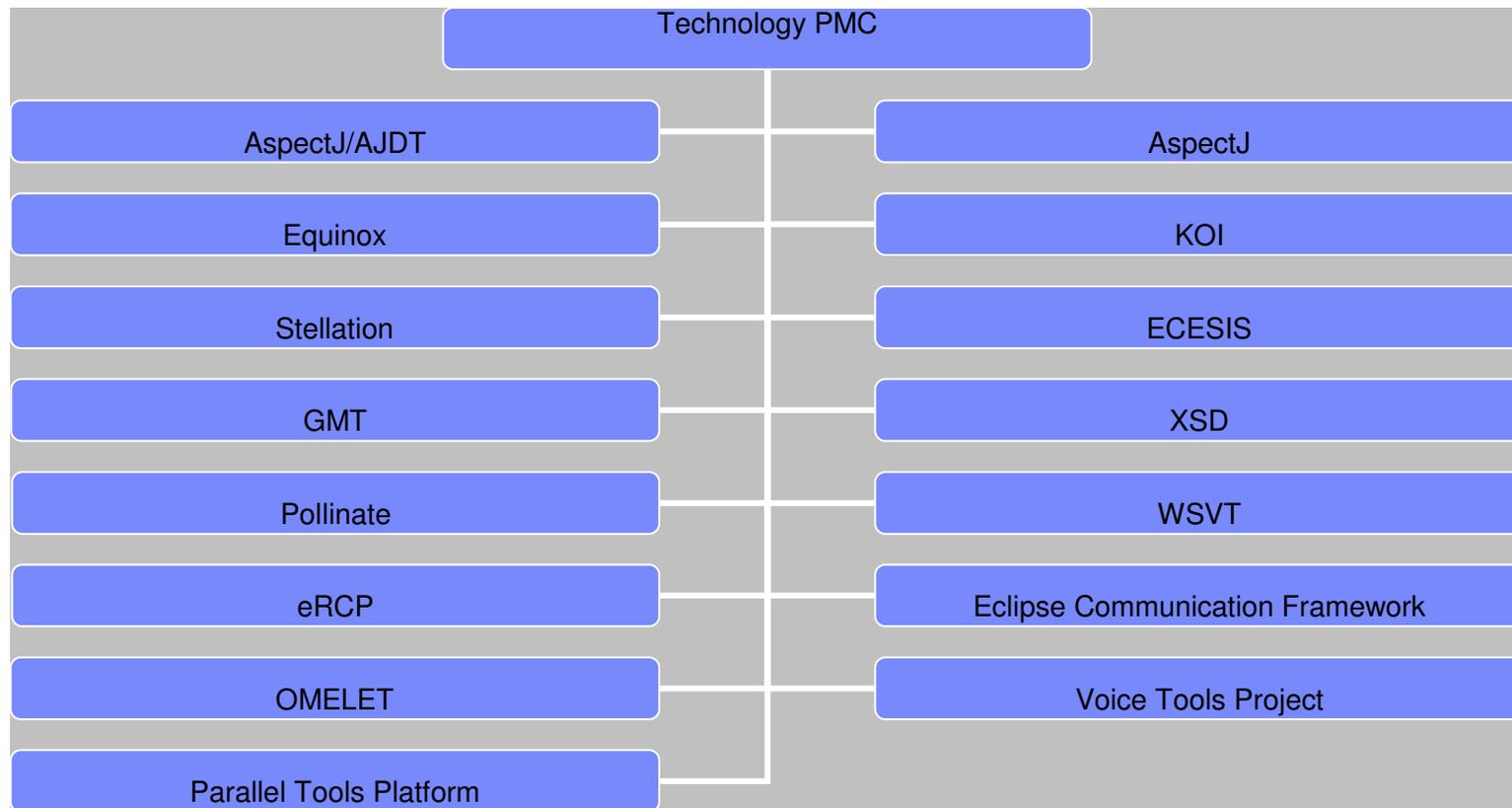
Project Updates

Next Major Release Dates

Project	Scheduled Release Date
Platform 3.1	End of June 2005
BIRT 1.0	May 2005
TPTP 3.3	May 2005
TPTP 4.0	June 2005
Tools – CDT 3.0	Q2 2005
Tools – EMF 2.1	Aligned with platform 3.1 release dates
Tools – GEF 3.1	Aligned with platform 3.1 release dates
Tools - VE Project 1.1	Q2/2005
Web Tools Project 1.0	July 2005

Eclipse Platform Project

- **Project Leaders:**
  PMC: Erich Gamma, Kevin Haaland, John Wiegand (lead)

- **Project Description:**
  Charter is http://www.eclipse.org/eclipse/eclipse-charter.html

Eclipse Platform Project: Key Dates for 3.1 Release

Key Release Dates:

Eclipse SDK 3.1 schedule is as follows:

Friday Aug. 13, 2004 - Milestone 1 (3.1 M1) - stable build (delivered)

Friday Sep. 24, 2004 - Milestone 2 (3.1 M2) - stable build (delivered)

Friday Nov. 5, 2004 - Milestone 3 (3.1 M3) - stable build (delivered)

Friday Dec. 17, 2004 - Milestone 4 (3.1 M4) - stable build (delivered)

Friday Feb. 18, 2005 - Milestone 5 (3.1 M5) - stable build

Friday Apr. 1, 2005 - Milestone 6 (3.1 M6) - stable build – API complete – API freeze

Friday May 13, 2005 – Milestone 7 (3.1 M7) – stable build – feature complete – development freeze – lock down and testing begins

Target Release Date for 3.1: late June 2005

Eclipse Platform Project: 3.1 Key Themes

- Scaling Up

- Enterprise Ready

- Design for Extensibility: Be a Better Platform

- Standards
    - OSGi Platform R4
    - J2SE 5
    - coordinating with the Equinox project's investigation of security issues in RCP

BIRT

Project Leaders:
- **Wenfeng Li (PMC Lead)**
- **Paul Clenahan**
- **Paul Rogers**
- **Scott Rosenbaum**

Project Description:
    http://www.eclipse.org/birt/

BIRT Project: Key Dates for 1.0 Release

Key Release Dates: (On Platform 3.0)

Feb. 28, 2005: Preview of BIRT 1.0
Feb. 28-May 15: Updated builds approx. every 2 weeks
May 15, 2005: BIRT 1.0 release

BIRT Project: Key Themes

- Release Deliverables
    - BIRT Report Designer
    - BIRT Report Engine
    - BIRT Chart Component

- Themes
    - Appealing to a Broader Community
    - Simple to Use
    - Enterprise Ready
    - Design for Extensibility: Be a Better Platform

WebTools Project

Project Leaders:

Christophe Ney (co-lead)

Tim Wagner (co-lead)

Dominique de Vito

Arthur Ryman

Naci Dai

Jochen Krause

David Williams

Mitch Sonies

Project Description: http://www.eclipse.org/webtools/project-scope.html

WebTools Project: Key Dates for 1.0 Release

Key Release Dates: (On Platform 3.1)

M1 - October 15, 2004 - Finalize build infrastructure and server tools.

M2 - December 22, 2004

    - Flexible project layout. Initial structure source editing and EJB tools.

M3 - February 25, 2005

    - Improved structured source editing and EJB tools. Database tools and initial Web Services. Based on 3.1 M5

Target Release Date for 1.0: July 2005

WebTools Project: Key Themes

- Simple To Use
  - Focus is on well designed and implemented APIs

- Enable Consistent Multi-language Support
  - Support for Java-JSP dual-language development

- Appealing to a Broader Community – Support for the following:
  - J2SE 5
  - SOAP 1.2, WSDL 2.0
  - JSR 175 and 181
  - J2EE 1.5

Test and Performance Tools Platform Project

Project Leaders:
- Tyler Thessin – PMC Lead, Platform Project Lead, TPTP Planning Group Chair
- Mike Norman –Testing Project Lead, TPTP Requirements Group Chair
- Harm Sluiman –TPTP Architecture Group Chair
- Serge Lucio –Tracing and Profiling Project Lead
- James Saliba - TPTP Monitoring Tools Project
- Melanie Woods –TPTP Marketing Group Chair

TPTP: Key Release Dates

Key Release Dates for 3.3:   (On Platform 3.0)
Iteration 1 (3.3 i1)Monday, 21-Feb-05   Stable build
Iteration 2 (3.3 i2)Monday, 4-Apr-05   Stable build - API / UI freeze
Iteration 3 (3.3 i3)Monday, 16-May-05   General Availability, English only

Key Release Dates for 4.0: (On Platform 3.1)

Iteration 1 (4.0 i1)	Monday, 21-Feb-05	Stable build
Iteration 2 (4.0 i2)	Monday, 4-Apr-05	Stable build - API / UI freeze
Iteration 3 (4.0 i3)	Monday, 16-May-05	Stable build
Iteration 4 (4.0 i4)	Monday, 27-Jun-05	General Availability, English only
Post-iteration	Friday, 12-Aug-05	General Availability, Translation

TPTP: Key Themes

- Release 3.3 primarily a maintenance release

- Release 4.0 Themes

  - Scaling Up
    - Handle larges amount of data
  - Enterprise Read
    - Links to requirements management/bug tracking tools
  - Design for Extensibility: Be a better platform
    - Significant api work
  - Simple to Use
    - Better out of box experience, documentation, tutorials, white papers, etc
  - Enable Consistent Multi-language support
    - Improved support for C++
  - Appealing to the Broader Community
    - Additional integration with technologies based on JUnit

Technology Project

Project Name: Technology Project

PMC Members
   Dr. Brian Barry - PMC Lead
   John Duimovich
   Dr. Bjorn Freeman-Benson

Mission
   The Technology PMC hosts Research, Education and Incubator projects
   which have particular relevance to Eclipse. Unlike other PMCs it has no
   overriding technical theme or objective, rather it encompasses projects
   covering a broad spectrum of technologies and technical areas. For the most
   part, projects operate independently from one another and the PMC allows
   individual projects a great deal of autonomy. Current projects can however
   be grouped into several theme areas: Apect-Oriented Systems and
   Programming; Collaboration; Education; Model Driven Development; Web
   Tools; and Incubators.

Technology Projects

- AspectJ
- Koi (Collaboration)
- ECESIS (Education)
- GMT (Model Driven Development)
- XSD (XML Schema Infoset Model)
- WSVT (Web Service Validation Tools – WSI Basis Profile 1.0)
- Voice Tools
- eRCP
- Eclipse Communications Framework (ECF)
- Parallel Tools Platform
- Incubators
  - Equinox, Stellation, Pollinate, OMELET
- Current Proposals
  - Eclipse Trust Framework
  - Desktop Technology Integration Project
  - Language Development Toolkit Project

Marketing Update for Q1/2005

Press Coverage

- Cover story in January edition of Embedded Computing Design

- TPTP Project announced availability of 3.2 release

- EclipseCon press releases for Gold Sponsors and Business Forum

- Preparation for EclipseCon
  - 45+ editors and analysts in attendence

- Schwartz Communications hired as new PR agency (Feb. 1)

Press Plans for Q2/2005

- Follow on EclipseCon coverage

- Launch of Eclipse 3.1 in June

EclipseCon Marketing

- Exhibit Hall Sold Out
  - 7 Gold Sponsors: Accelerated, Actuate, Agitar, Borland, HP, IBM, SAP
  - SAS, SAP, Intel, Borland , BEA sponsoring a reception
  - IBM, Sybase and Genuitec hosting a vendor reception
  - 37 Exhibitors in total

- 10 Media sponsors
  - OSTG, JavaPro, JavaLobby, SD Times most effective in driving web traffic

- Encouraged member companies to link to conference site
  - IBM, EPIC, Innoopract, Sybase, Exadel most effective
  - NOTE: Not all companies included a unique label for us to track

- Three tiered pricing help drive registrations
  - Dec. 31 and Jan. 31 prices went up so we saw an increase in traffic.

Market Study Working Group

- Market Research was #2 priority for Add-In Providers from Dallas Members meeting

- Jon Ward of IBM is leading a working group to initiate a market study.

- Evans Data has provided Eclipse a proposal for $60K to conduct this study.

- Working Group currently soliciting sponsors for the study from Member companies.

Working Group

- **Embedded Marketing Working Group**
    - 8 companies have co-sponsored a booth at Embedded System Conference in San Francisco
    - QNX, TimeSys, Wind River, Accelerated, SlickEdit, RTI, Telelogic, ENEA

- **Eclipse Japan**
    - Promoting an Eclipse ecosystem in Japan
    - NTT Comware, Fujitsu, Hitachi, IBM

Committer and Member Reception
6:00-8:00pm
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