



TPTP f2f 2004/09/29

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Architecture board overview



■ Objective

- Architecture Council produces an Architecture Plan that describes the architecture changes required to achieve these themes and priorities, or required to maintain long-term architectural viability. The Architecture Plan describes :
 - Changes to architectural interfaces, the which these changes should be implemented
 - » (api control)
 - New Subsystems that should be created
 - Subsystems that should be combined
 - Conformance with industry standards

■ Membership

- ~35 members – under review

■ Administration

- Weekly Monday call
 - Review defects/features by release and priority

Eclipse Architecture Board summary



- Architectural overview delivered by Eclipsecon
 - Blockitecture across all of the eclipse projects

- Project interaction and sharing
 - Information extensibility
 - The issue was agreed to be a council level issue and required action. We will initiate.
 - Record based resources
 - The issue was agreed to be a council level issue and required action. We will lead.
 - Promotion of EMF/XSD stature
 - Common Logging
 - The issue was agreed to be a council level issue as a cross project component reuse issue. We will lead.
 - Collaboration with BIRT on reporting
 - The issue was agreed to be a council level issue and required action. Chris and Dominique have engaged in detail to review what we have with SVG and JScrib.
 - Complimentary runtime support for app servers
 - Simply put the various projects are targeting various open source runtimes.
 - JUnit integration with JDT
 - The issue was agreed to be a council level issue and required action. We will initiate.
 - CDT/Hyades linkage (CPPUnit profiling OCI...)
 - The issue was agreed to be a council level issue as a cross project component reuse issue.
 - Web testing linkage
 - The issue was agreed to be a council level issue as a cross project component reuse issue.
 - UML2 project outlook
 - Some additional follow-up
 - TCPIP monitor in Web tools project needs reconciliation or convergence with tracing/recording.

Near term objectives



■ Quality

- Reduce Sept. backlog to zero over 3.2 and 3.3

■ Support

- Newsgroups / mailing list / documentation / samples / papers
 - Example recent CA simple questions, RAC build Qs

■ Features

- Focus on infrastructure (scalability, robustness, usability)

We provide first class exemplary tools vs. sample tools

3.2 activities



- 83 targeted enhancements
- 191 targeted defects

The matrix



	Platform	Test	Trace Profiling	Monitoring
UI	Deployment editor Log view Stats/Perf viewers Probe editor Sequence Diagram Charting Profiling perspective	Test perspective Test suite/fwk editors JUnit editor/gen Datapool Editor Execution history editor Code coverage Manual test client**	Memory views	Log correlations Sdb edit GLA rule editor Log import
Analysis	Static resource Analysis FW,	Analysis rule	Analysis rule	Analysis rule, Log, SDB instances
EMF model	Sdb, Trace, Test, Stats, Msg log			
Collection Control	X			
Communications	X			
execution	Correlation engine, probekit/BCI, CBE	exec harness	Probe instances	Probe instances GLA
Agents/events	Jvmpi, Logging	test exec	JVMTI	ARM?, OS/stats
doc	X	X	X	X

BIRT alignment



■ Hyades

- SVG line/bar... charting for report generation
- “statcon” live viewer and Sequence Diagram viewer
- Consumers require equal SWT and SVG
 - Live data, web reporting, interactive and customized
- New navigations require some generalized graphing and embedded objects
 - Drill down pies etc.

■ BIRT

- Full build and execution stack, including a graphing engine (but no code)

♣ Propose donate to BIRT now and require the graph engine but this is 3.2 feature dependency

others



- ECOMM
 - Passive monitoring
- CDT
 - Engage and monitor
- RCP
 - Assertive engagement
 - Leverage as a manual test execution client
 - Target as a test target (UI testing)
- Platform
 - Drive serviceability logging initiative
- JDT
 - Align on JUnit and launch config
- EMF
 - Aggressive engagement

Baseline resourcing



work	current	size
Build IBM/Intel	1	2
Integration test	0	2
Defect backlog	20% (~5)	50% (12)
Newsgroups ...	~1	~4
Papers	0	2
Doc	1.5	3
IBM25+Scapa3+Intel 10+GA3++C1*+F0?+ SAP0		