Strategic Developer Report

Nokia

December 9, 2009
Miami, Florida

Leveraging Eclipse

- Carbide.c++
- Maemo Application Development (MAD)
- eRCP for S60
- eRCP/eSWT provided with Nokia S60 devices

Leadership at Eclipse

- Participation in the Compensation Committee
- Strong involvement in CDT
- Additional contributions to MTJ & Pulsar
- Participating in Mobile Industry Working Group

Investment in Eclipse

- Rich Bartlett – Eclipse Board Member
- Ken Ryall – CDT
- Warren Paul – CDT
- Ed Swartz – CDT
- Ling Wang – CDT
- Tim Kelly - CDT
- David Dubrow – MTJ/Pulsar
- Chad Peckham – MTJ/Pulsar
- Ronnie King – Pulsar
- Gorkem Ercan – eRCP/MTJ
- Lauri Jaaskela – eRCP/MTJ
- Petru Motrescu – eRCP/MTJ
- Jussi Suistomaa – eRCP/MTJ
- Aleksi Uotila – eRCP/MTJ

Dash Reports

Nokia: 5 Active Committers [x]

Committer	Commmits	LOC
gercan	1,487	32,421
jsuistoma	306	41,182
kryall	539	48,928
ljaaskel	10	68
wpaul	7	402

Nokia: 6 Total Committers [x]

Committer	Commmits	LOC	Committer	Commmits	LOC	Committer	Commmits	LOC
gercan	1,487	32,421	kryall	539	48,928	pmotrescu	0	0
jsuistoma	306	41,182	ljaaskel	10	68	wpaul	7	402

Nokia: LOC & Committer Count for 7 Projects [x]

Project	Committers			Commits	LOC	Project	Committers			Commits	LOC
dsdp.mtj	1	0	1	69	69	webtools	1	0	1	29	264
rt	3	1	4	838	36,537	webtools.releng	1	0	1	6	20
rt.ercp	3	1	4	838	36,537	webtools.servertools	1	0	1	23	244
tools.cdt	2	0	2	546	49,330						

Bugzilla Reports

Severity

Classification

	blocker	critical	major	normal	minor	trivial	enhancement	Total
DSDP	3	1	3	22	4	.	2	35
Eclipse	.	.	7	53	8	4	11	83
Eclipse Foundation	1	.	.	2	.	.	.	3
Modeling	.	.	1	.	.	.	1	2
RT	.	4	1	103	10	.	6	124
Technology	.	.	1	.	.	.	.	1
Tools	.	2	8	196	4	3	25	238
WebTools	.	.	1	1	.	.	.	2
Total	4	7	22	377	26	7	45	**488**

New & Noteworthy

- ## CDT Contribution
  - Eclipse Debug for C++
  - Builder updates (MICA model)
- ## DSDP
  - Debug Services Framework
  - Target Control Framework
- ## eRCP
  - eSWT for S60
  - eSWT Qt

EDC – Architectural Overview

Eclipse Debug Platform

Flexible Debug Views and Actions

Launch Types

EDC provides basic launch support that is extended for each target platform

DSF Data Model

DSF Debug Services

EDC Debug Services

Registers, Memory, Run Control, Breakpoints, Modules, Symbols, Expressions

TCF Service Proxies

EDC Low Level Debug Agents

TCF Message Handling, Decoding, Discovery

| Win32 | GDB srv | Symbian OS |