



Strategic Developer Report

Wind River

December 11, 2008

San Francisco

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Leveraging Eclipse



■ Wind River Workbench

- *A Development Toolkit for embedded and device development*
- *Multiple offerings:*
 - Workbench for VxWorks & Wind River Linux
 - Workbench OCD (On Chip Debugging)
 - Workbench Diagnostics
- *Uses: Eclipse Platform, CDT, DD, TM, EMF, GEF*

■ Wind River Suite Installer (RCP)

- *Common Install experience for all Wind River products*
- *Uses: P2*

Leadership at Eclipse



■ Project Leadership

- DSDP, including TM and DD subprojects
- CDT
- DSDP PMC
- Tools PMC
- Eclipse PMC – Martin Oberhuber has been nominated (pending)

■ Councils

- AC: Martin Oberhuber leads, Doug Gaff, Doug Schaefer, Michael Scharf
- PC: Doug Gaff, Doug Schaefer

■ Mentoring

- ADT, TmL, NAB, MTJ, RTSC, Firefly

■ EclipseCon

- Doug Gaff

Investment in Eclipse



- 12 Committers
- CDT (3)
 - Doug Schaefer, Markus Schorn, Toni Leherbauer
- DSDP (10)
 - PMC: Doug Gaff
 - Device Debugging: Pawel Piech, Ted Williams, Randy Rohrbach, Toni Leherbauer
 - Target Management: Martin Oberhuber, Michael Scharf, Uwe Stieber, Felix Burton, Eugene Tarassov
- Eclipse Platform (2 + 1)
 - Pawel Piech, Martin Oberhuber, Ted Williams (potential nomination)
- E4 (2)
 - Martin Oberhuber, Doug Schaefer
- Orbit
 - Martin Oberhuber

Dash Reports



Company	Active Committers	Inactive Committers	Total Committers	Percent Active	Commits (2008)	Lines of Code (2008)	Approx. LOC per Commit
IBM	173 (27.64%)	157 (36.6%)	330 (31.28%)	52.42%	535,267 (41.1%)	16,405,583 (40.1%)	31
individual	143 (22.84%)	150 (34.97%)	293 (27.77%)	48.81%	241,719 (18.56%)	6,706,205 (16.39%)	28
Oracle	37 (5.91%)	3 (0.7%)	40 (3.79%)	92.5%	70,447 (5.41%)	1,179,571 (2.88%)	17
ActuateCorporation	32 (5.11%)	22 (5.13%)	54 (5.12%)	59.26%	32,152 (2.47%)	2,265,334 (5.54%)	70
EclipseFoundation	12 (1.92%)	0 (0%)	12 (1.14%)	100%	10,507 (0.81%)	518,657 (1.27%)	49
BorlandSoftwareCorp.	12 (1.92%)	0 (0%)	12 (1.14%)	100%	41,646 (3.2%)	1,850,440 (4.52%)	44
WindRiver	11 (1.76%)	1 (0.23%)	12 (1.14%)	91.67%	17,820 (1.37%)	339,649 (0.83%)	19

WindRiver: 11 Active Committers [x]

Committer	Commits	LOC	Committer	Commits	LOC	Committer	Commits	LOC	Committer	Commits	LOC
aleherbau	1,587	51,695	fburton	38	38	mschorn	6,153	128,349	tewillia	269	4,664
dschaefer	138	1,385	mischarf	119	1,934	ppiech	3,050	40,600	ustieber	20	129
eutarass	1,813	1,813	moberhuber	4,414	103,958	raroehrba	219	5,084			

WindRiver: LOC & Committer Count for 5 Projects [x]

Project	Committers	Commits	LOC
dspd.dd	4 0 4	3,558	51,762
dspd.tm	5 1 6	5,954	87,100
eclipse.platform	1 0 1	57	864
tools.cdt	3 1 4	7,801	179,151
tools.orbit	1 0 1	450	20,772

Innoo pract	10 (1.6%)	1 (0.23%)	11 (1.04%)	90.91%	30,710 (2.36%)	1,039,134 (2.54%)	34
Sybase	9 (1.44%)	0 (0%)	9 (0.85%)	100%	5,031 (0.39%)	233,691 (0.57%)	46
ZendTechnologies	9 (1.44%)	3 (0.7%)	12 (1.14%)	75%	11,746 (0.9%)	596,441 (1.46%)	51

New & Noteworthy



- **Commercial: Workbench 3.1 RTO in December**
 - Based on Ganymede (Eclipse 3.4, etc.)
 - Supports VxWorks 6.7 (UP & SMP), WR Linux 3.0, and OCD 3.1
 - Includes P2-based installer
- **Expanded Eclipse Leadership**
 - Martin Oberhuber – Architecture Council Chair, nominated to Eclipse PMC
 - Platform Committers – Pawel, Martin, Doug, (Ted coming soon)
 - Doug Gaff – Board Committer Rep
- **TCF (Target Communications Framework)**
 - Part of TM project.
 - Launched this year –commercial adoption from MontaVista, Anywherotech, Wind River. Interest from Freescale, Ericsson, and others.
- **DD moving into CDT & Platform**
 - DSF components to CDT – new GDB standard
 - Memory extensions to Platform
- **DSDP**
 - Two new projects: RTSC, Firefly
 - Successful MTJ reboot