

EclipseRT

Modular Runtimes at Eclipse

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What is EclipseRT?

What is EclipseRT?

- a) The Eclipse RT project
- b) Dessert topping
- c) Cool runtime stuff @ Eclipse
- d) Highly modular server-side infrastructure

Cool Runtime Stuff.
At Eclipse.

EclipseRT-related Projects

Equinox

Riena

RAP

EMF++

BIRT

EclipseLink

ECF

eRCP

Swordfish

Jetty

GEF

SMILA

E4

Higgins

Common Denominator?

- OSGi-based / integrated
- Infrastructure
- Modular philosophy
- Realizing Eclipse value, in Runtimes

Yeah, but what's it mean?

Who's buying the story?

EclipseRT Adopters

Jazz

Spring DM

SAP (pending)

GlassFish

Oracle

Lotus

NASA

Infor

Websphere

...

Equinox and OSGi Buzz

“OSGi and The Rise of The Stackless Stack:
Just in Time”



JAVALOBBY

“JBoss is working
on OSGi too”

*“Towards a mainstream
Open Source OSGi
application server?”*

“Spring Dynamic Modules for OSGi: simplified
development of OSGi applications”



“Keeping an eye on the OSGi”

Alex Fletcher, Entiva Group

“Top Five Java Technologies to
Learn in 2008”

∴ Manageability ∴



The Software Landscape



Don't Suffer This Tragedy

Toast

Technology

Equinox

p2

ECF

BIRT

RCP

RAP

g-Eclipse

Jetty

PDE

EclipseLink

Teneo

EMF

Derby

Amazon EC2

SLP

Twitter

Tomcat

JavaScript

Google Earth

What makes it possible?

Modularity

API

CODA

Multiple
Component
Producers



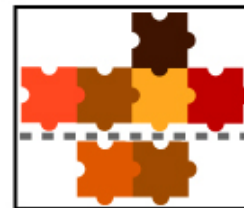
Create

Customize
Components



Extend

Individual
Solutions



Application

Runtime

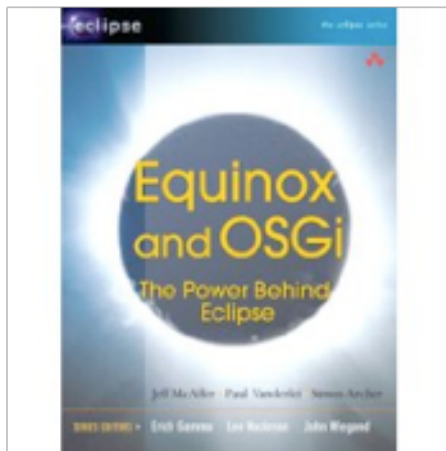
Assemble

Eclipse Equinox (OSGi Ref. Impl.)

Platforms

Summary

Resources



OSGi and Equinox book
<http://equinoxosgi.org>



Toast @ Eclipse
<http://wiki.eclipse.org/Toast>