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  eRCP
Riena    Swordfish
RAP      Jetty
EMF++    GEF
BIRT     SMILA
EclipseLink  E₄
ECF      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
...

EclipseSource
Equinox and OSGi Buzz

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

“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”

“JBoss is working on OSGi too”
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
Multiple Component Producers

Create

Customize Components

Extend

Individual Solutions

Assemble

Eclipse Equinox (OSGi Ref. Impl.)
Resources

OSGi and Equinox book
http://equinoxosgi.org

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