Eclipse Virgo Update

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Agenda

• Why use Virgo?
• What does it give me?
• Where has it gotten to?
• How can I get started?
Why use Virgo?
Why use Virgo?

• Based on OSGi standards
  – Core v4.2
  – Compendium v4.2
  – Enterprise v4.2
• Built from OSGi bundles
• Supports OSGi applications
  – “Vanilla” bundles
  – Web bundles
• Tracking future OSGi standards
Why use Virgo?

- Grouping *artefacts* into *plans*
- Auto-provisioning dependencies
- Use existing libraries
- Management: web, console, JMX
- Advanced diagnostics
- Kernel and web server
- Extensible deployment pipeline
Virgo and Gemini

Virgo

- web
- kernel

... 

Gemini

- web container
- blueprint

... 

Equinox

Spring
What does Virgo give me?
Virgo Runtime

startup.sh -clean

/kernel

/web

Admin console

Equinox console

JMX client

/serviceability

/pickup

/config
Virgo non-runtime

- SpringSource Tool Suite support
- Bundlor
- Samples
- Documentation
- Test suite
- Blogs, presentations, webinar, ...
Where has Virgo gotten to?
Virgo runtime

- All code now in Eclipse GIT
- Milestones shipping regularly
- IP in the last stages
- All repositories can be checked out and built (except SVTs – to follow)
- Hudson CI server
First release

• 2.1.0 release next month
• Migration from dm Server 2.0.x
• Major features:
  – 5x startup performance improvement
  – Tomcat, Logback, Equinox upgrades
  – Equinox console integration
Virgo tooling

- SpringSource Tool Suite
  - Update site
  - Donation to follow
- Fast deploy/update/debug cycle
Community

• 3 committers
• 5 further code contributors
• VMware, SAP, others
How can I get started?
Getting started

• Pre-req: Java 6
• Download and unzip
• bin/startup.sh or bin\startup.bat
• drop WAR files or bundles into pickup
...then what?

- Read the documentation
  - User Guide
  - Programmer Guide
  - Tutorial “Creating an App with Virgo”
- Split out dependencies
- Join the community
Further Information

• [http://www.eclipse.org/virgo](http://www.eclipse.org/virgo)