Eclipse Virgo

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vmware®

1

Agenda

- What is Virgo?

- Using Virgo
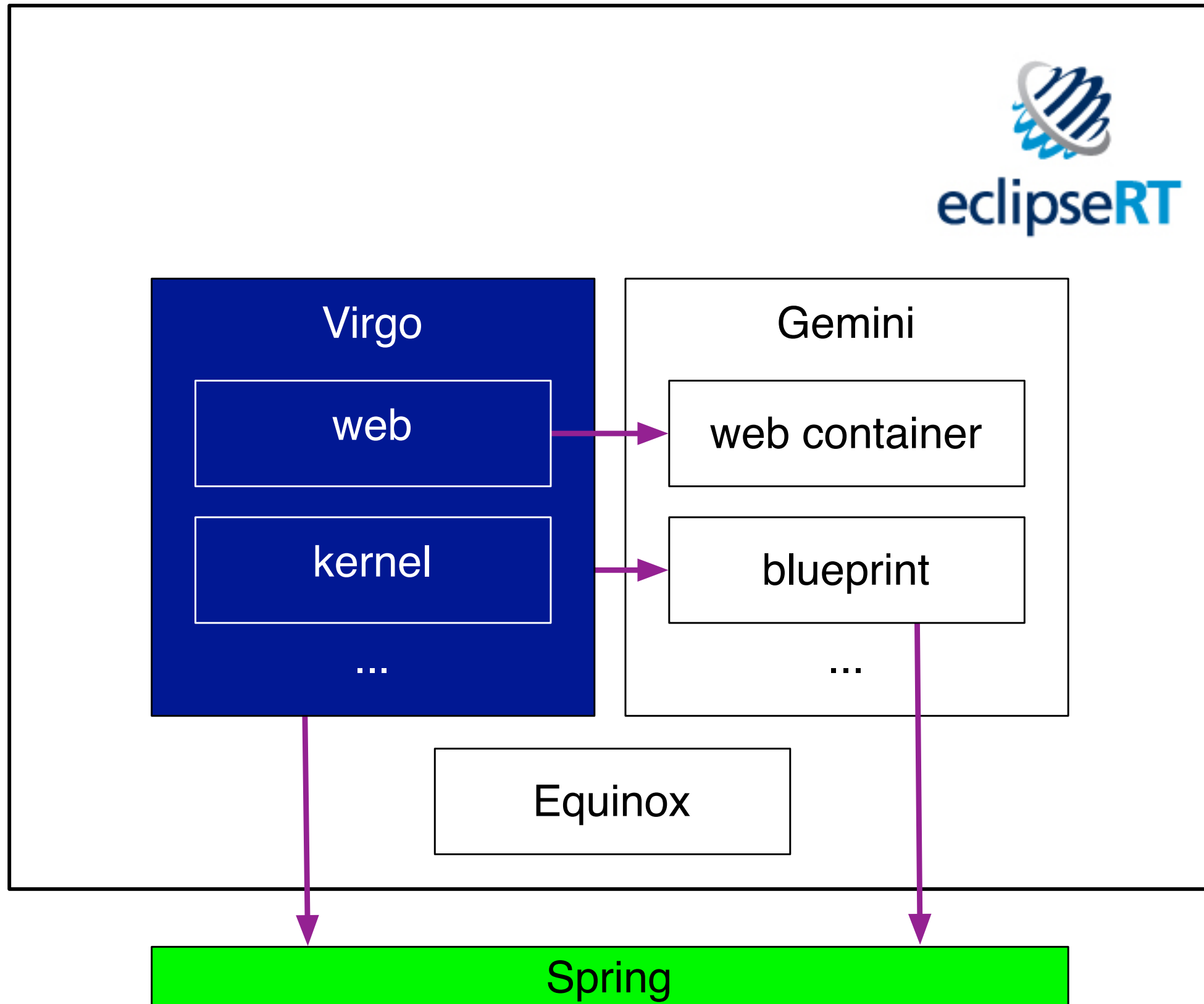
- How can I get involved?

What is Virgo?

- "Dynamic Enterprise Application Platform"

- Based on SpringSource dm Server 2.0

  - Not to be confused with Spring DM

- Objectives:

  - Better OSGi platform

  - Migration of Java EE apps

  - Modular and extensible
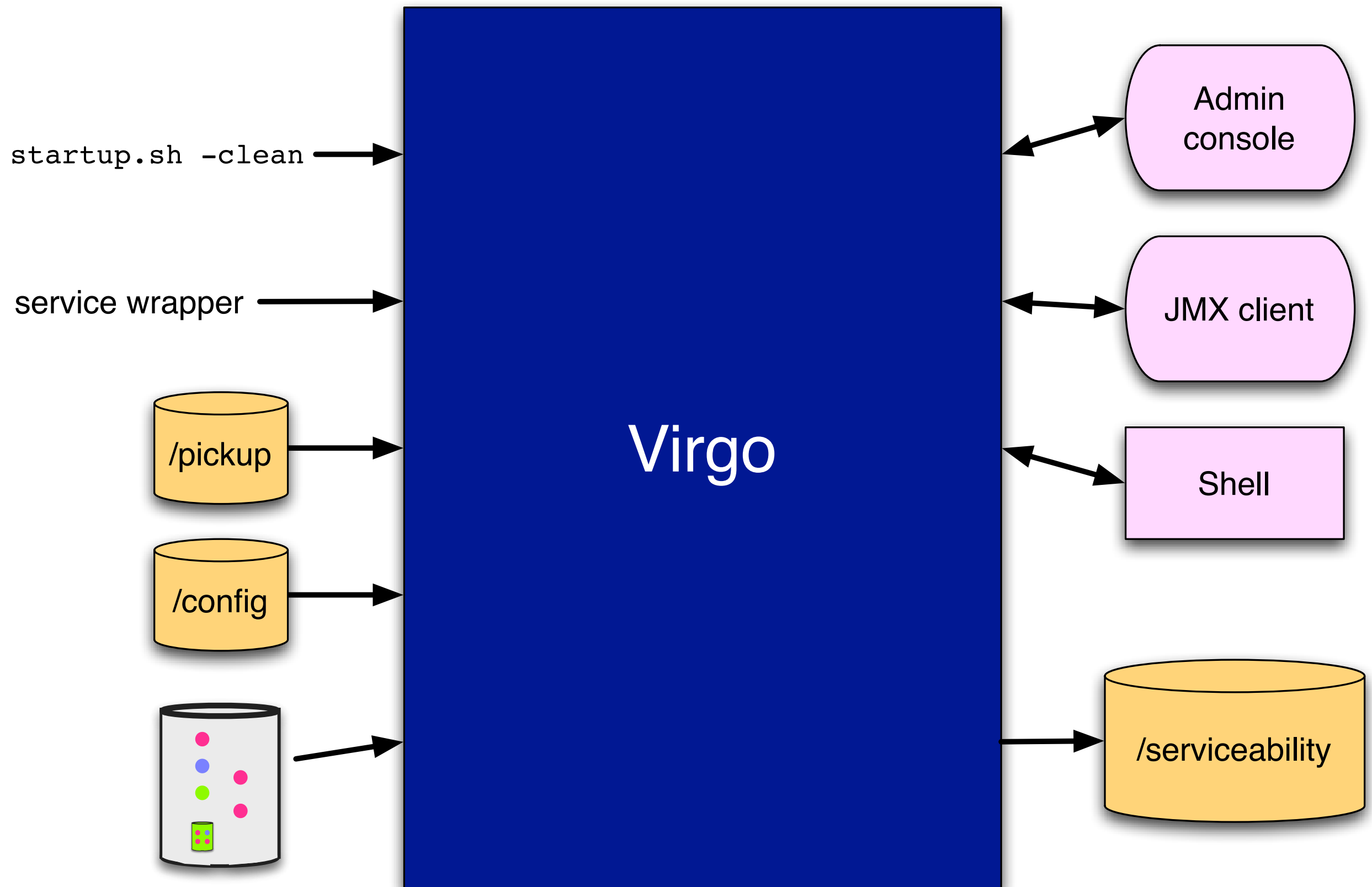
Problems Virgo Solves

- Groups bundles into manageable units

  - Scoping, atomicity

- Enables existing open source libraries

  - TCCL, LTW, implicit package use

- Provisions from repositories

- Extensive diagnostics

  - resolution failure, deadlock, delayed services

Virgo and EclipseRT

Using Virgo

Sunday, March 21, 2010

Virgo Externals

Application Types

- Web apps

- OSGi apps

- New servers/containers

Getting Involved

Work Areas

- Developer docs & wiki

- Baseline release

- Jetty adapter

- Regions and nested frameworks

- p2 integration

- More server types

  - Integration, batch, ECF, ...

Roles

- Casual user: kick the tires

  - make comments

- Expert user: build applications

  - file bugs and feature requests

- Contributor

  - contribute tests, patches

- Committer

  - implement features, fix bugs, improvements

  - support the community

  - mentor contributors

Committer Skills

- Clean architecture

- Clean code

- Unit and integration testing

- Concurrency

- (Deep) OSGi

- git, ant, ivy, etc.

Further Information

- Virgo Community Launch BoF

  - Today 7.15pm in Tasman

- http://www.eclipse.org/virgo

  - Join us in the forum and dev list

- twitter #VirgoRT

- http://www.springsource.org/dmserver

  - Download dm Server 2.0 and try it out