

Eclipse Virgo

was “dm Server 2.0”

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vmware®

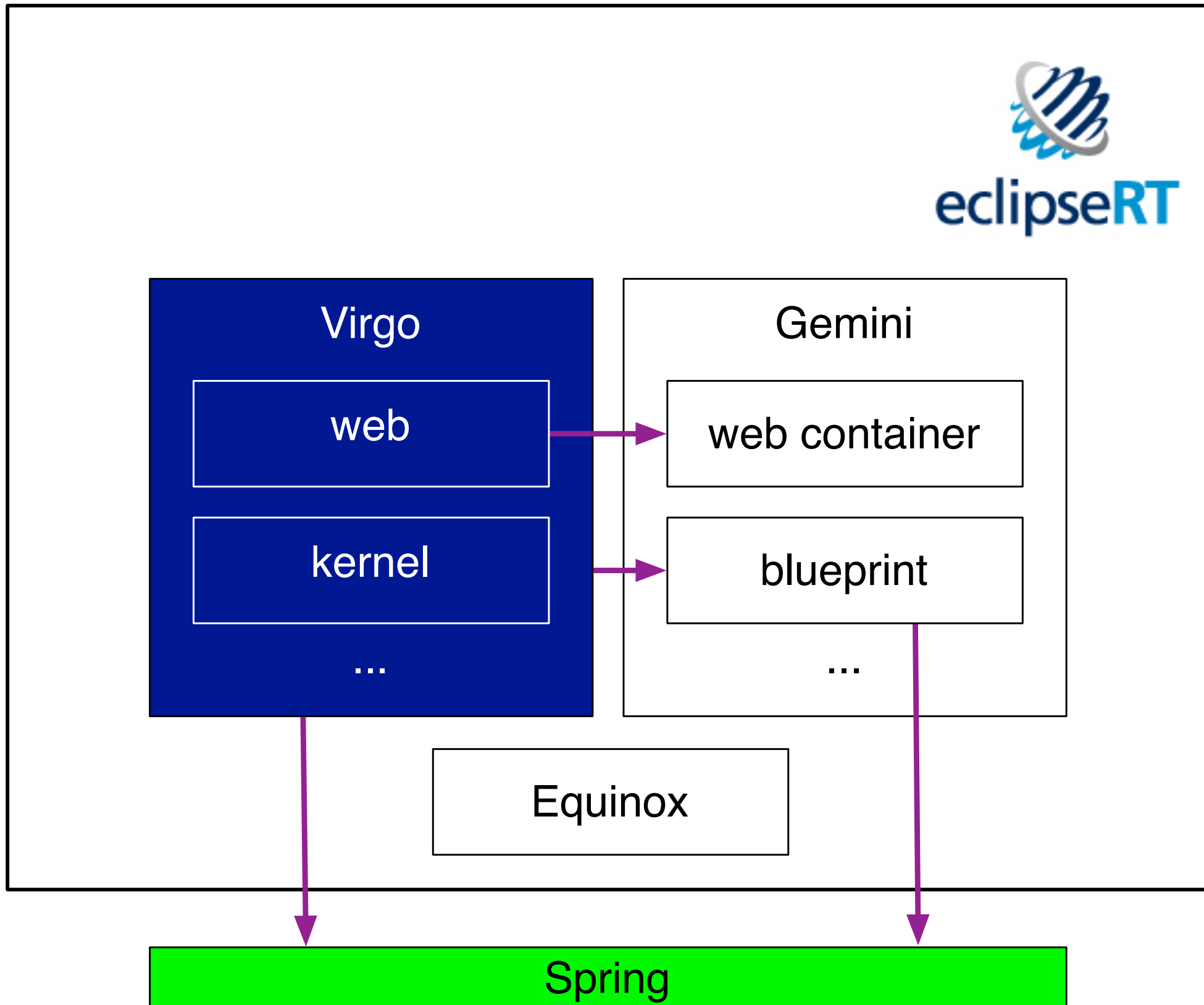
Agenda

- What is Virgo?
- Externals
- Concepts
- Future

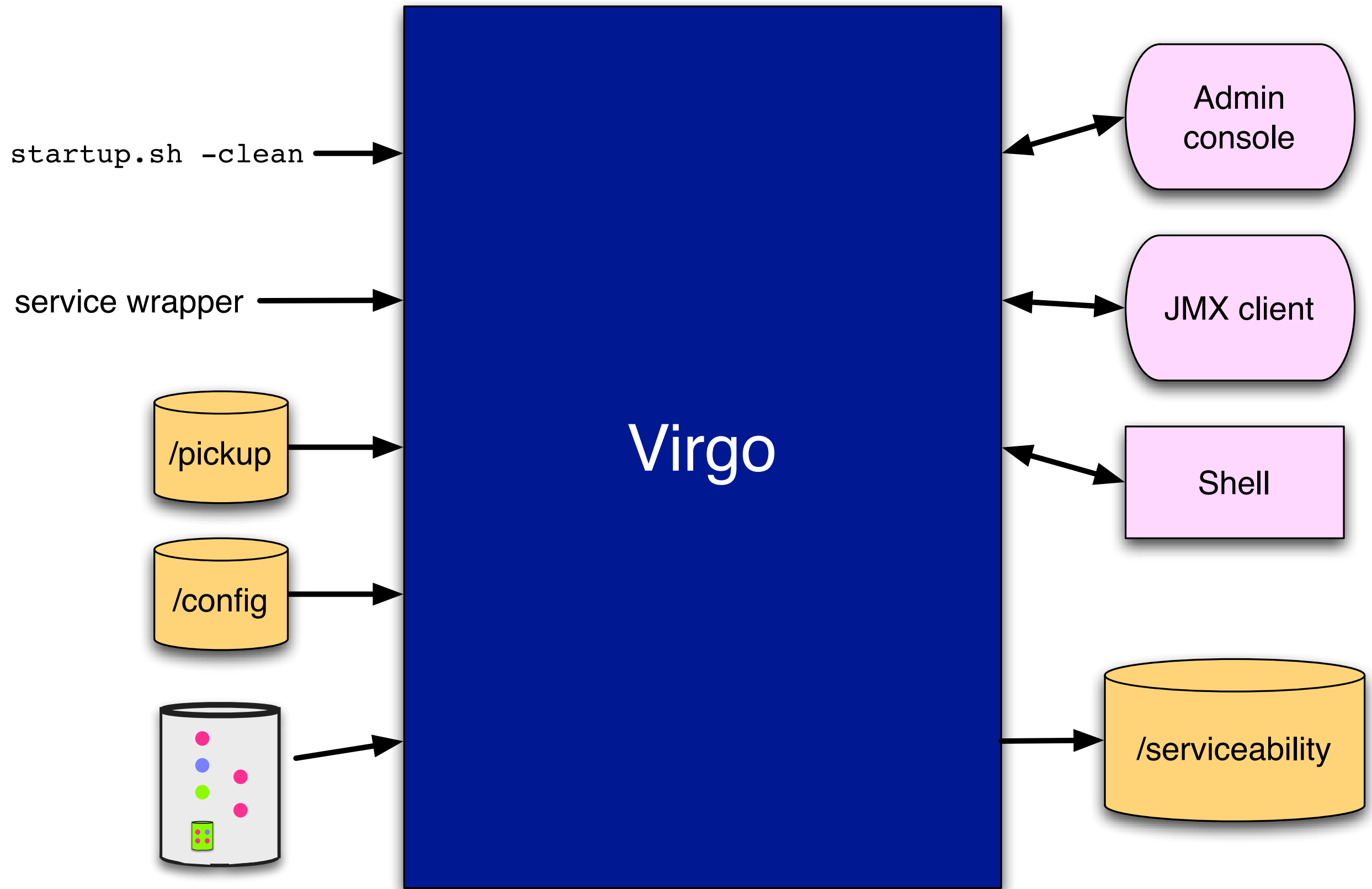
What is Virgo?

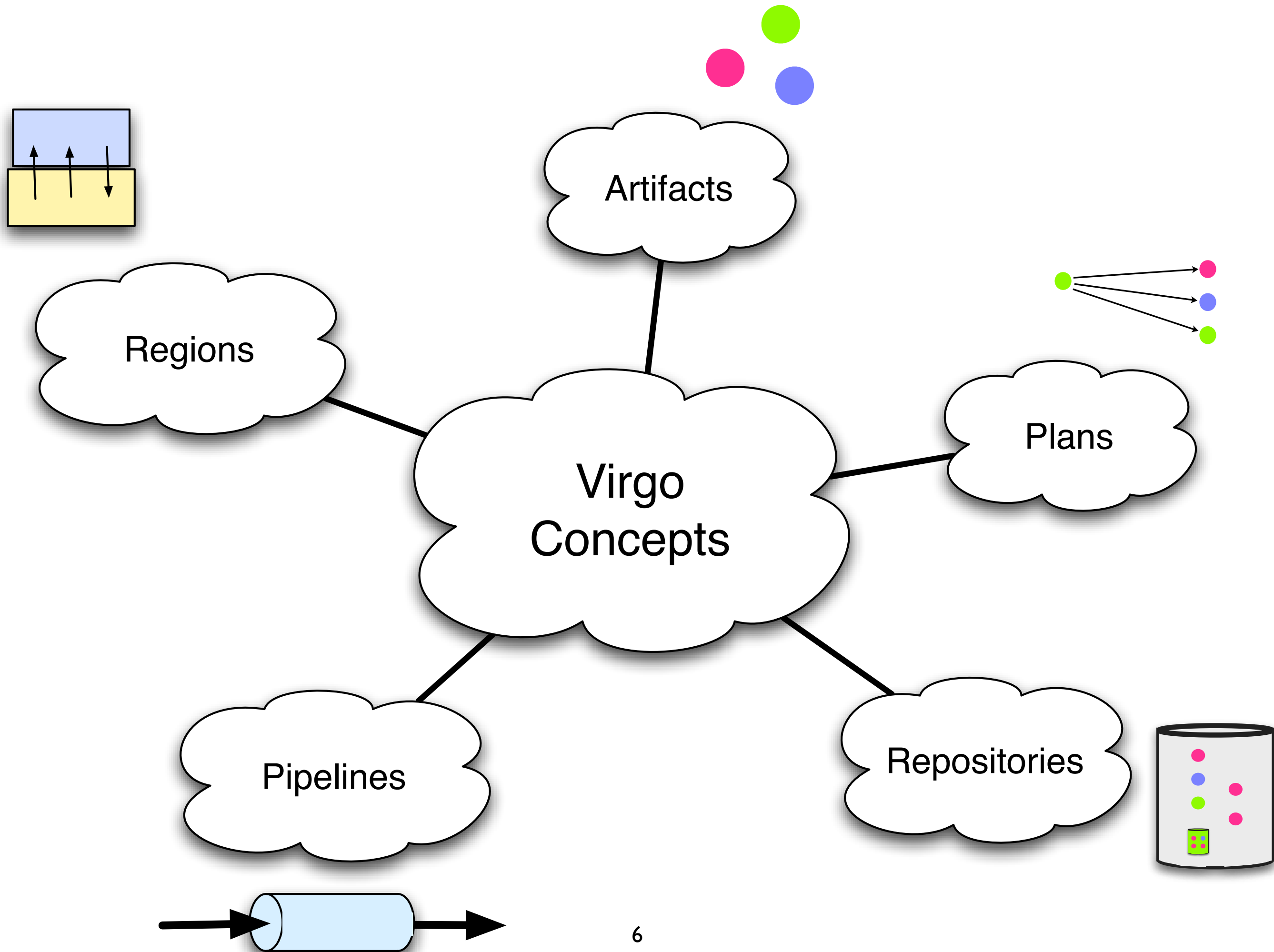
- “Dynamic Enterprise Application Platform”
- Based on SpringSource dm Server
- Objectives:
 - Better OSGi platform
 - Migration of Java EE apps
 - Modular and extensible

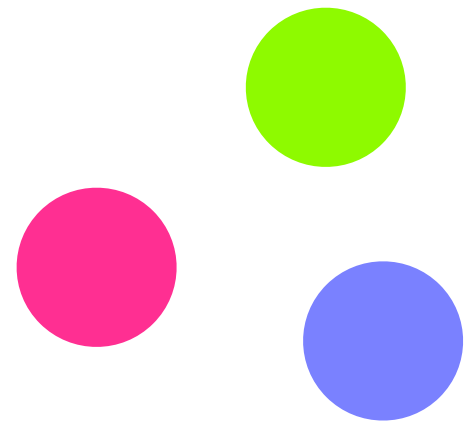
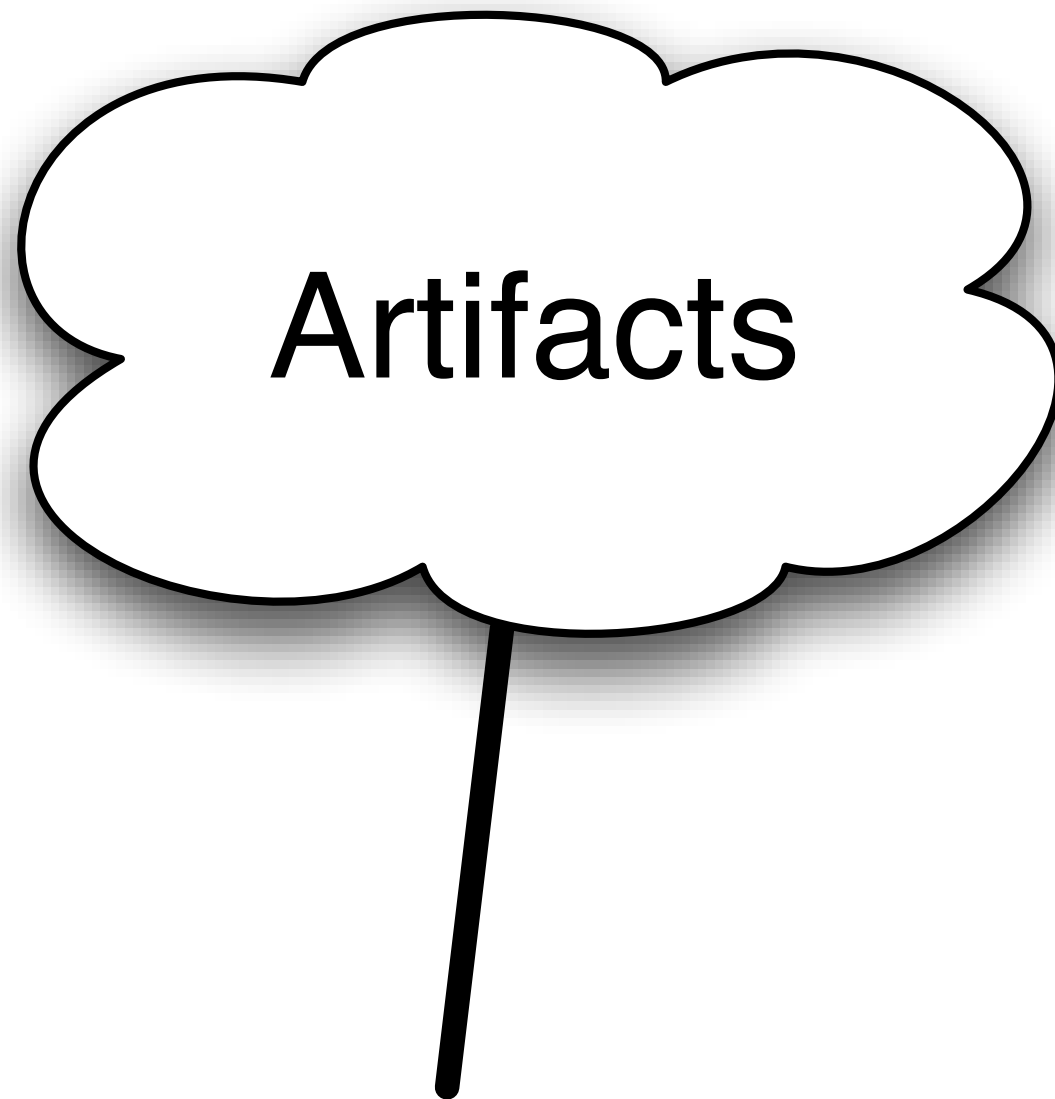
Virgo and EclipseRT



Virgo Externals



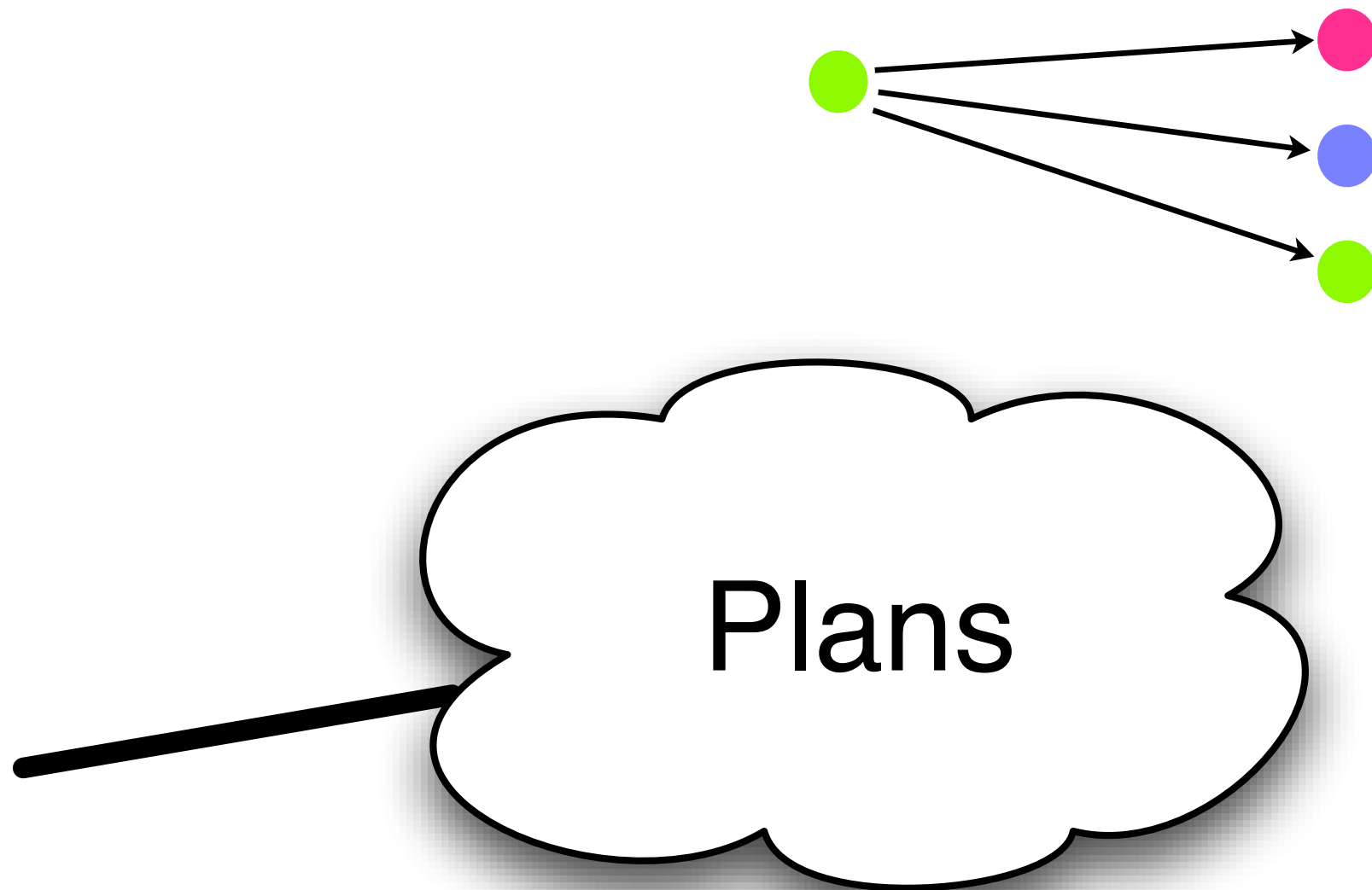




Artifacts

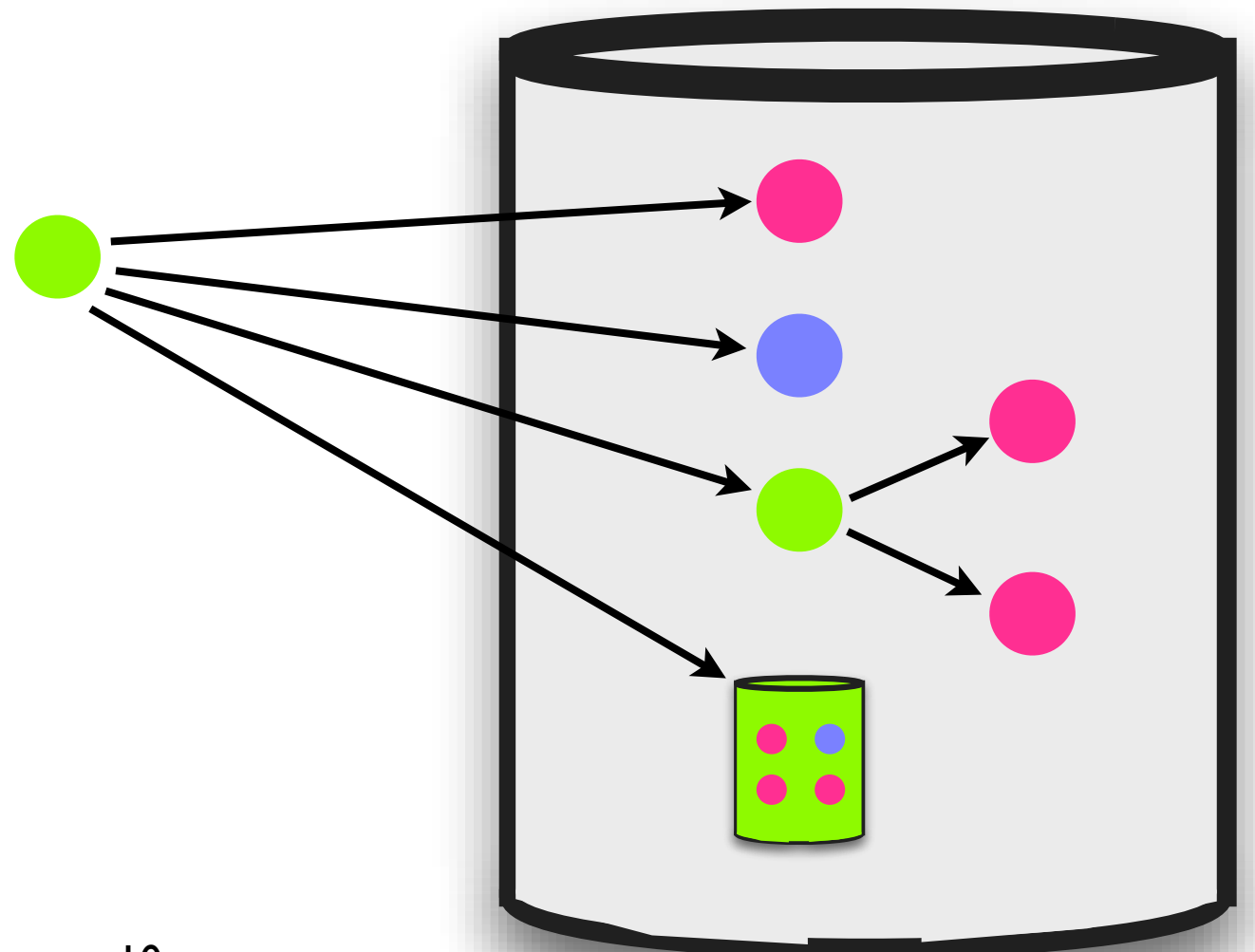
- Identified by type, name, version
- Types:
 - bundle - OSGi bundle
 - configuration - properties file
 - plan - list of artifacts
 - ...



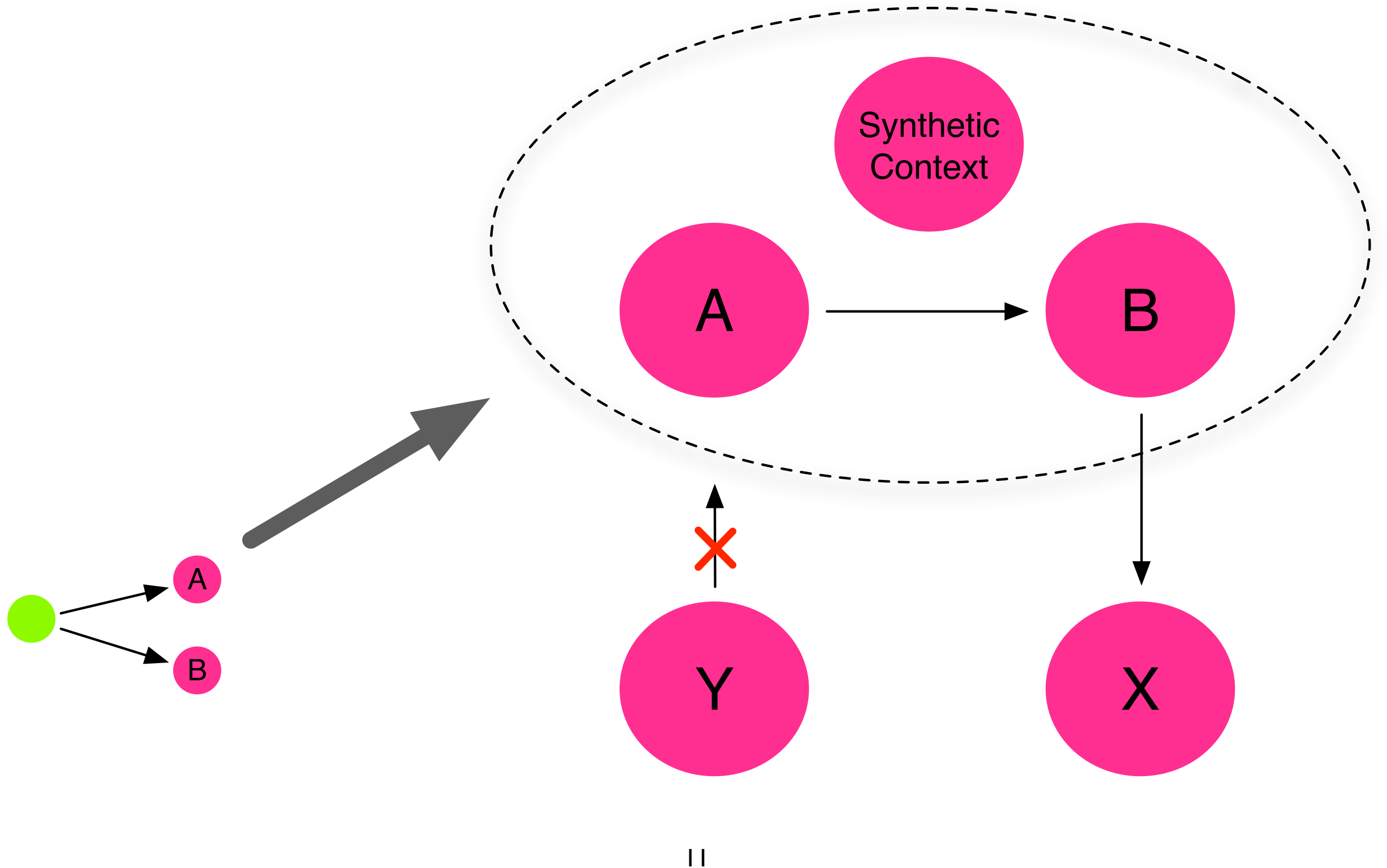


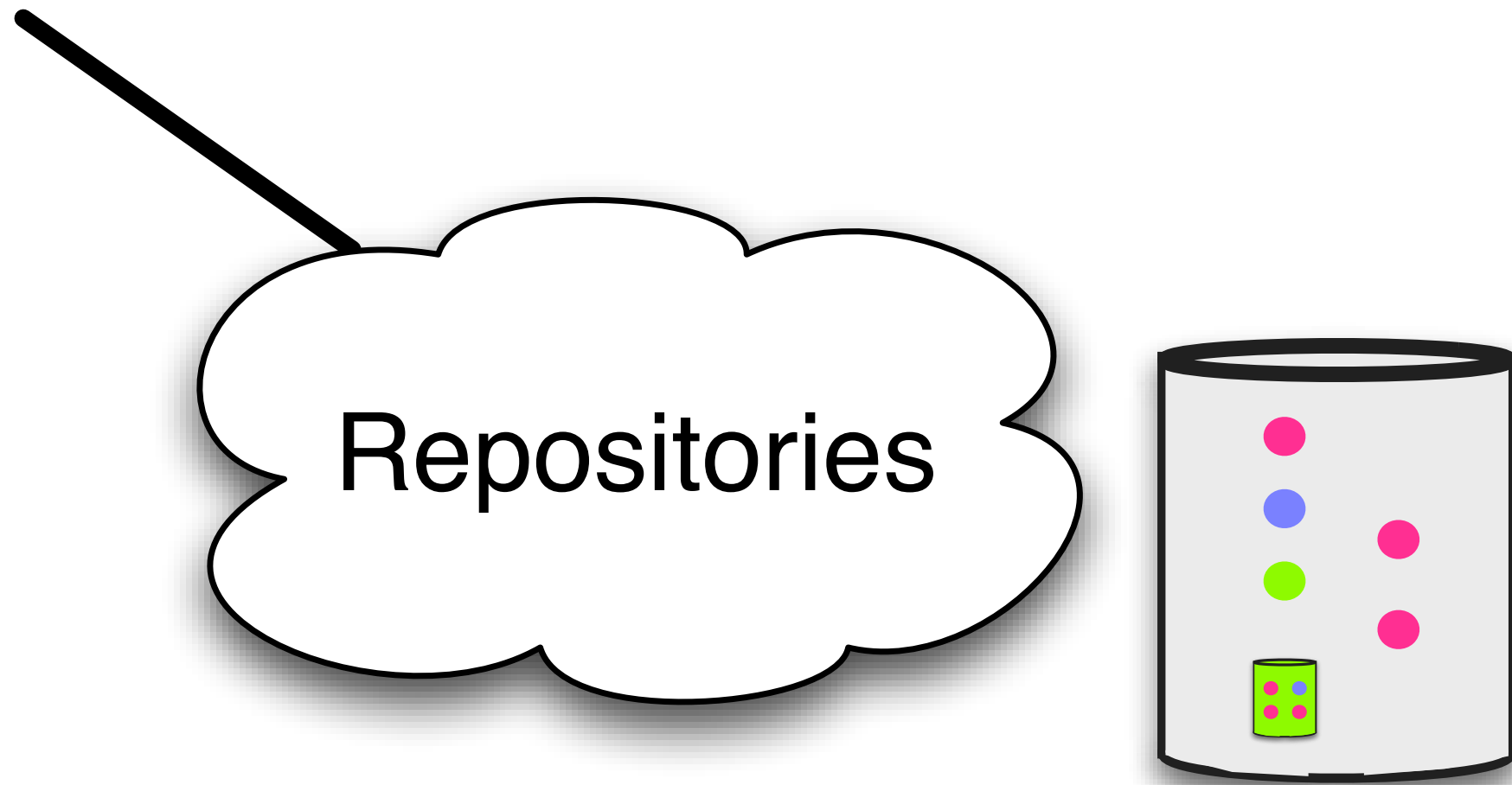
Plans

- XML
- List artifacts by type, name, version range
- Scoping
- Atomicity
- PARs
 - Contain artifacts
 - Scoped, atomic



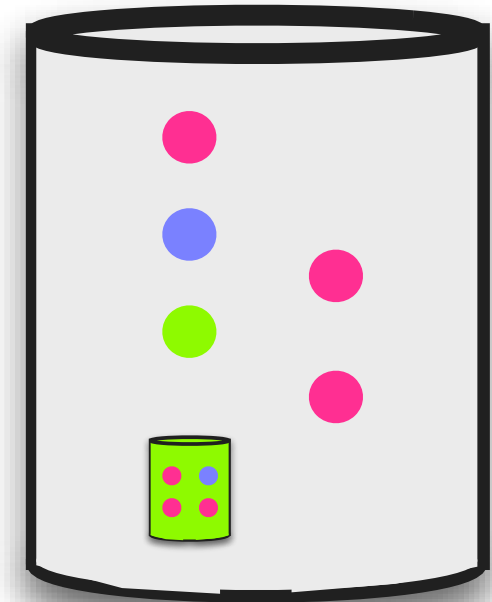
Scoping



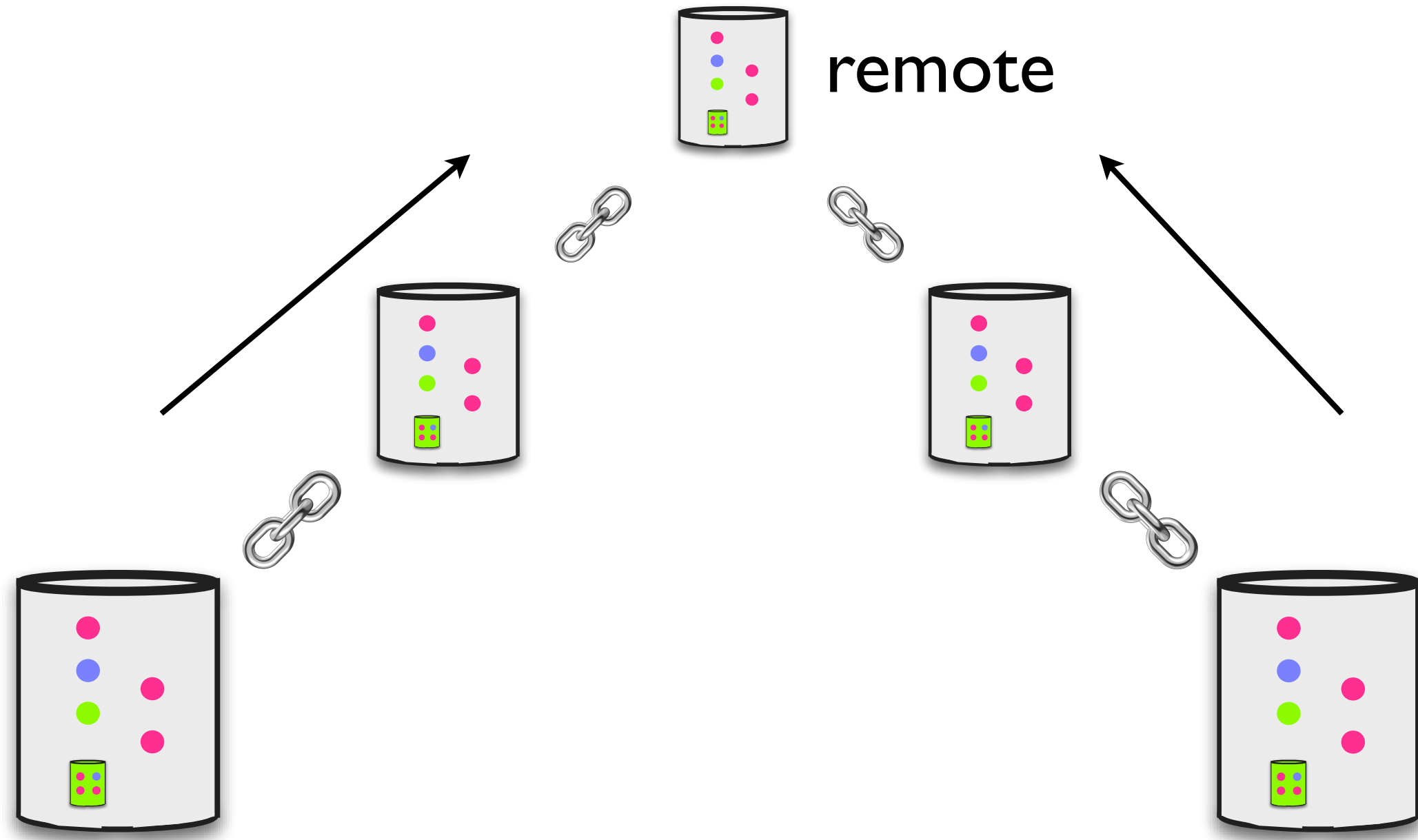


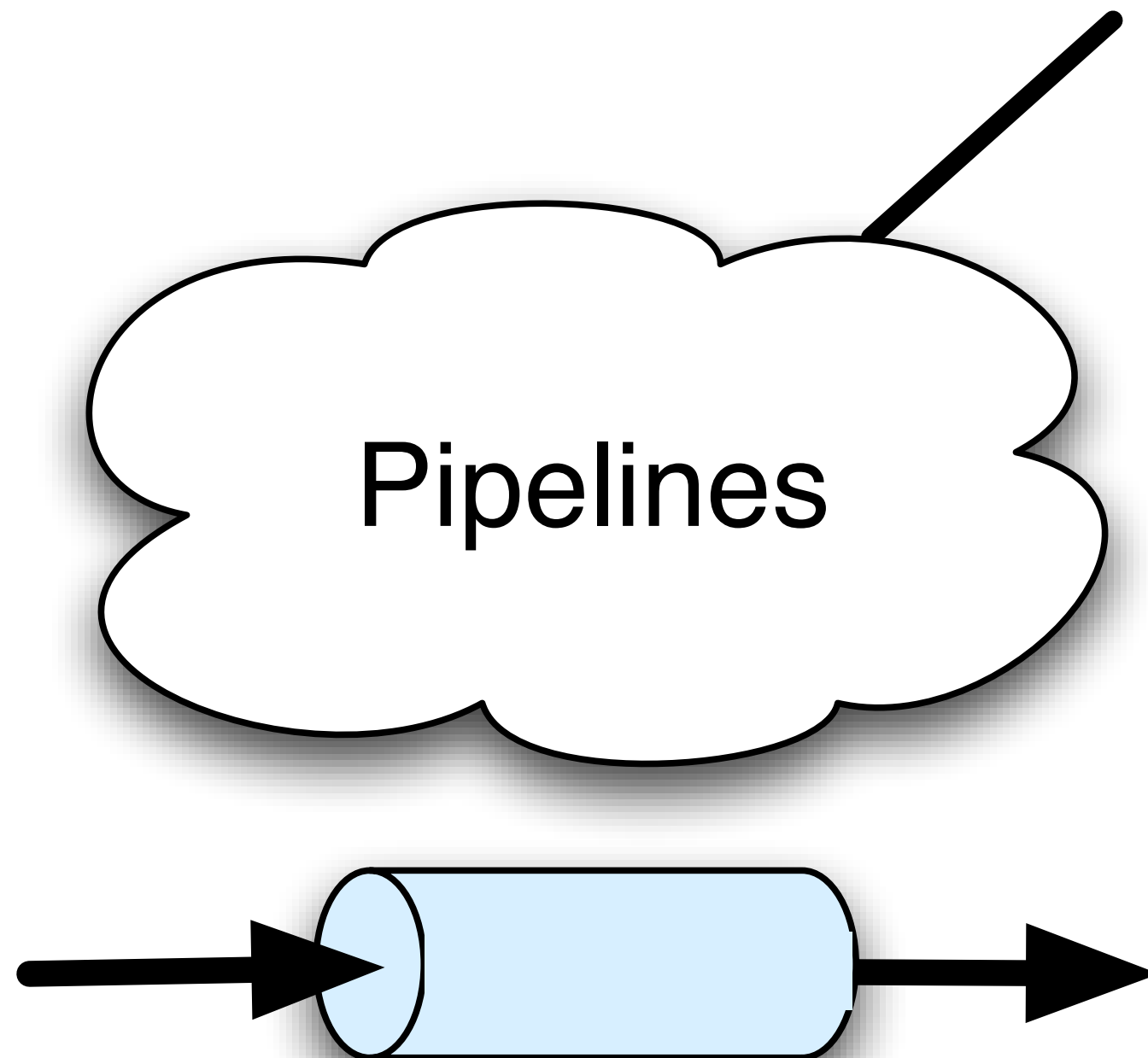
Repositories

- Artifacts indexed by type, name, version
- Supports queries e.g. by version range
- Repository types:
 - External
 - Watched
 - Remote
- Repositories may be chained

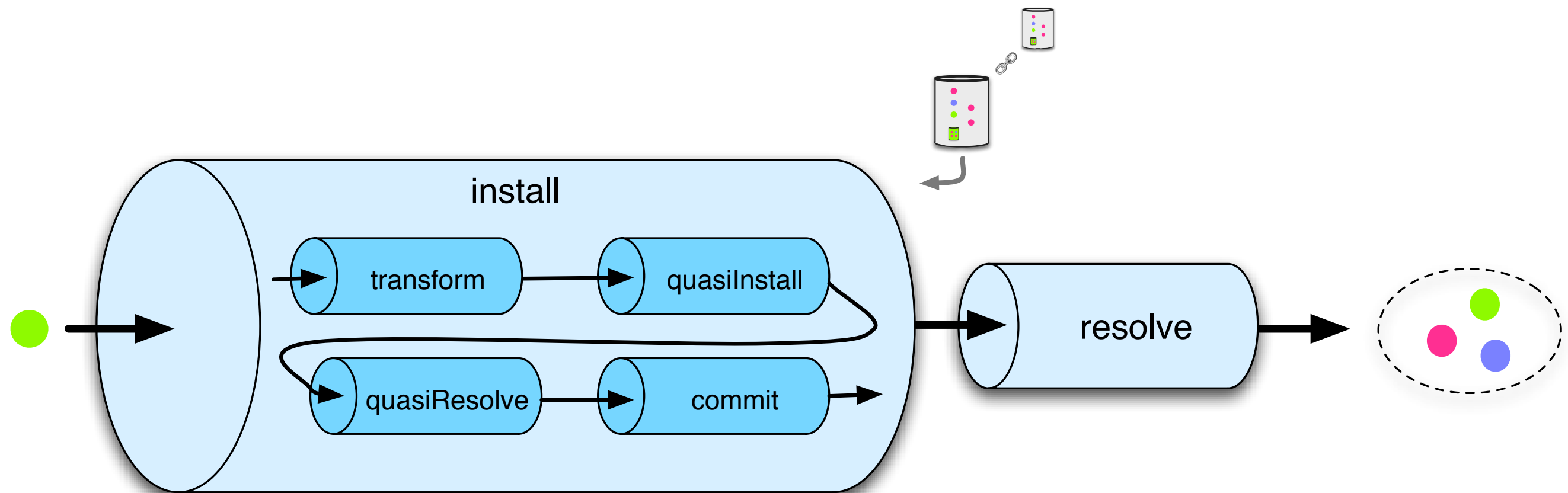


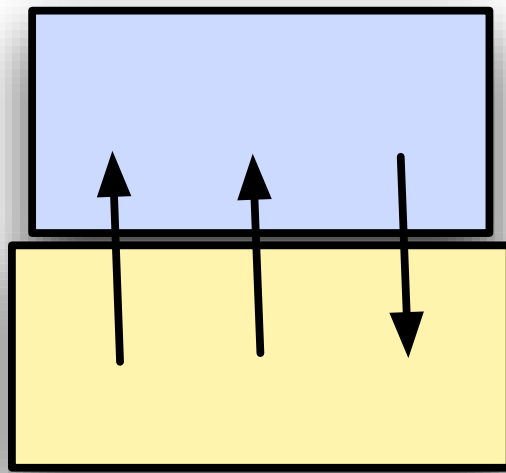
Repository Chaining





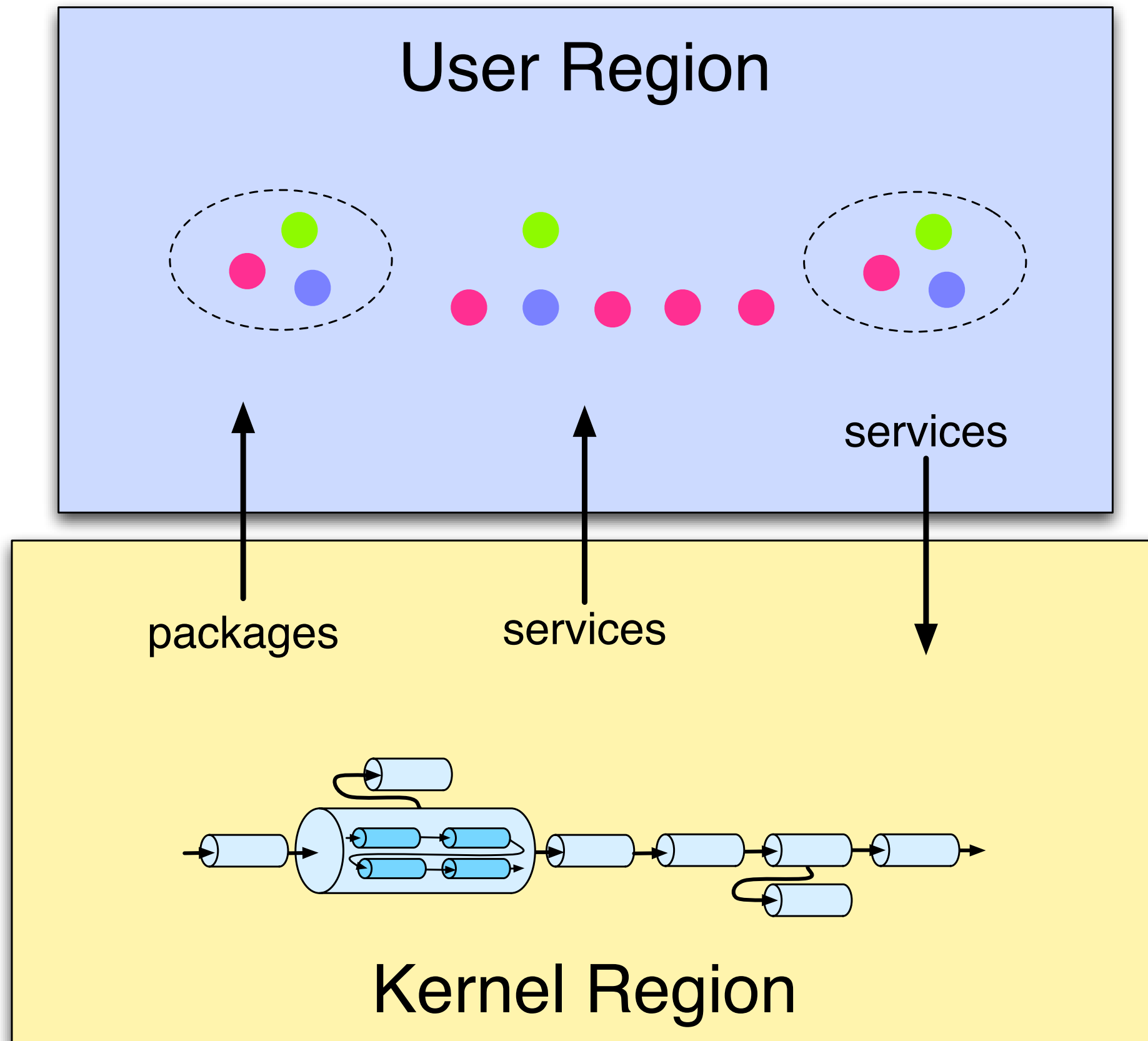
Pipelines





Regions

Regions



Future?

Virgo Future

- Jetty adapter
- Regions and nested frameworks
- p2 integration
- More server types
 - Integration, batch, ECF, ...

Further Information

- <http://www.springframework.org/dmserver>
- Download dm Server and try it out
- <http://www.eclipse.org/proposals/virgo>
- Project creation tomorrow
- Join us in the forums and mailing lists