



Mashup the Development Process with ALF (Eclipse Application Lifecycle Framework project)

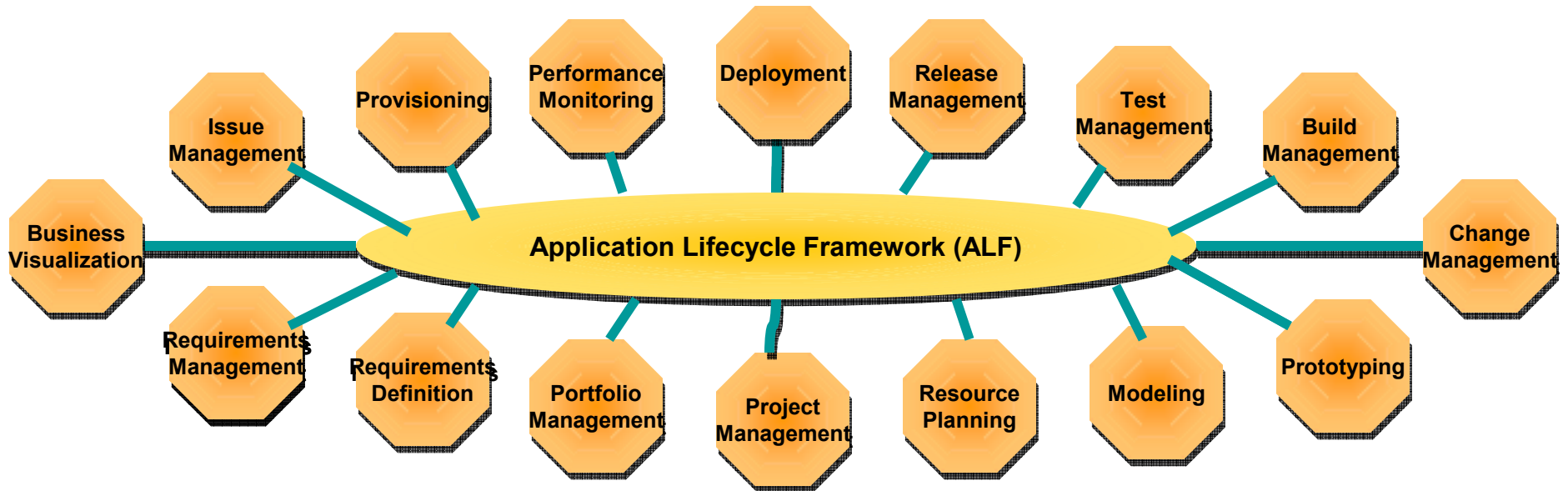
Brian Carroll, Eclipse ALF Project Lead
bcarroll@serena.com

Outline

- Brief introduction to ALF
- Commercial adoption of ALF
 - ◆ Serena Business Mashups
- Choices for creating mashups for development

The inspiration for ALF

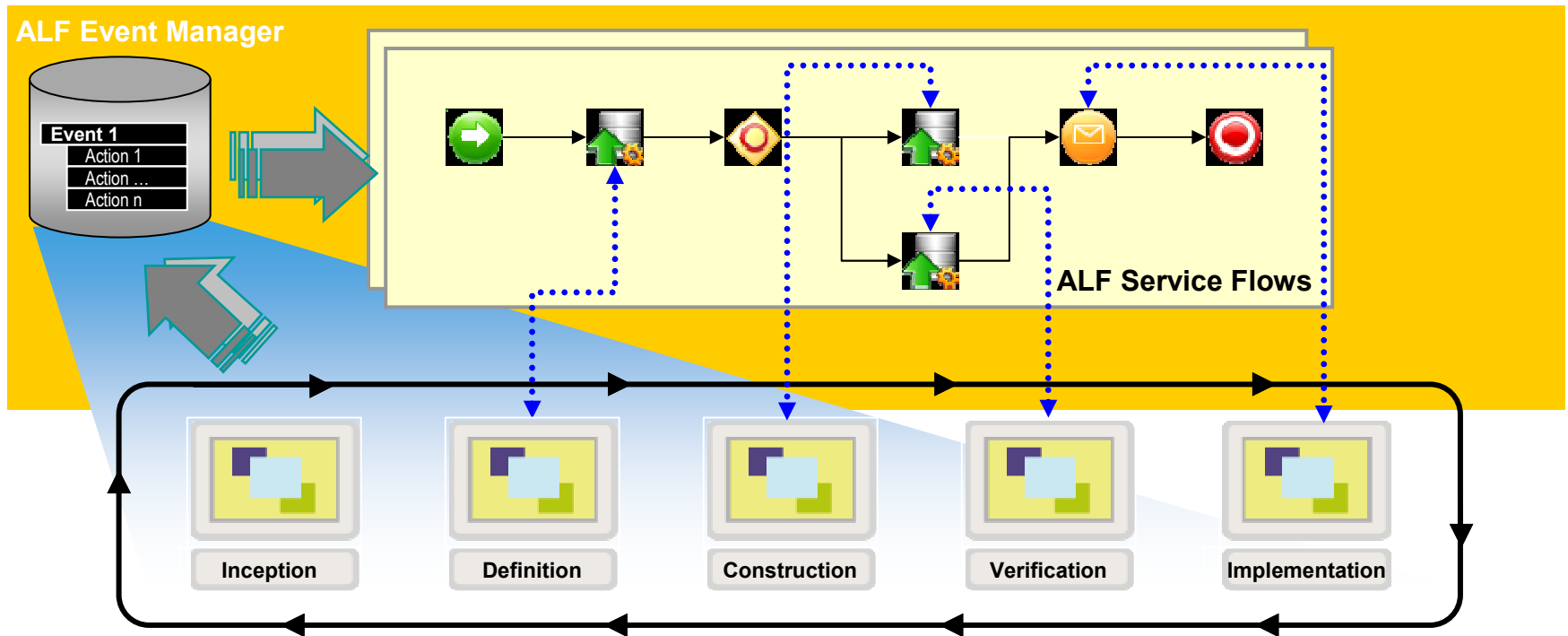
What the customer wants – a standard tool “wall plug”



Customer view:
It's about time

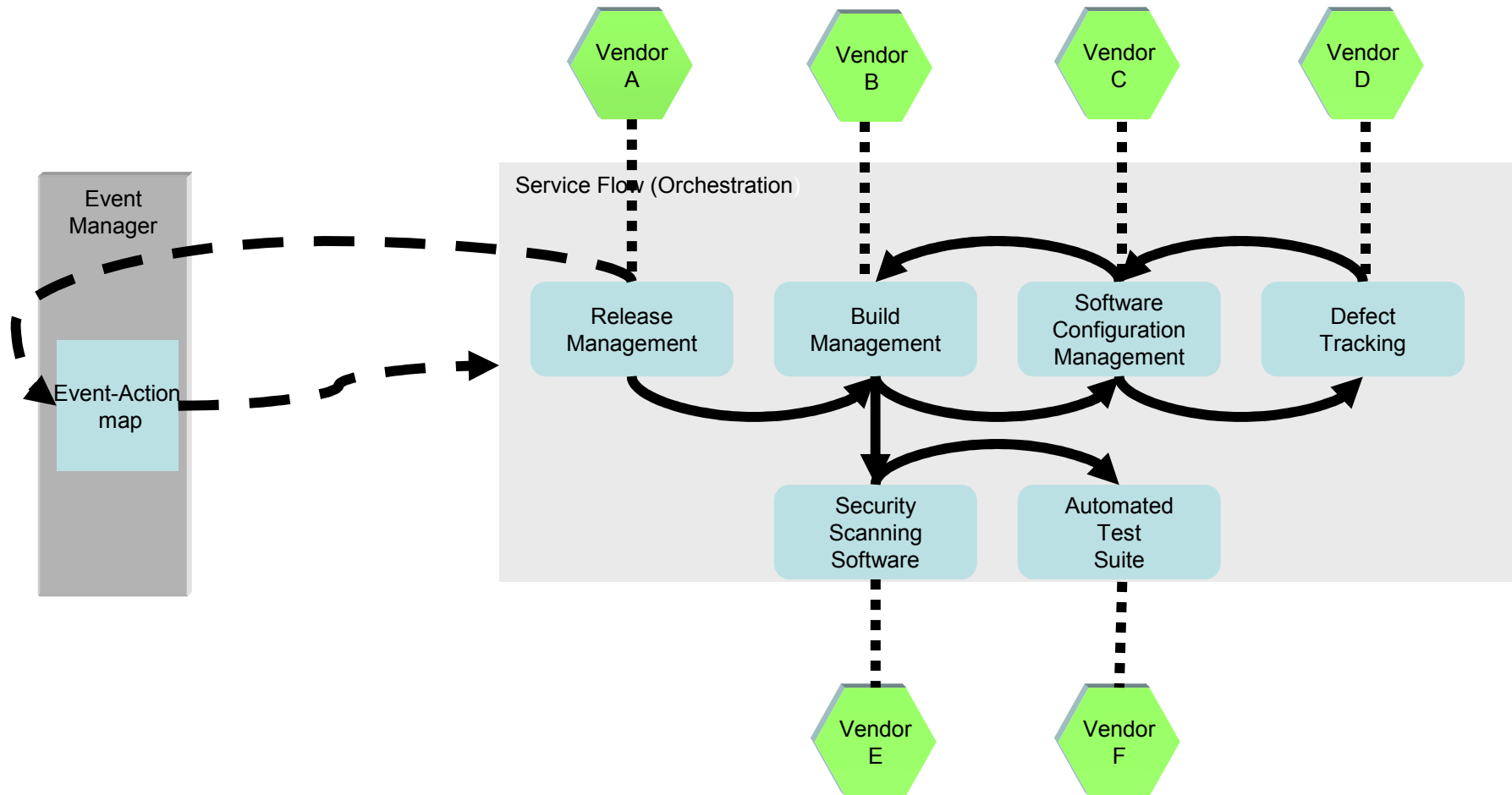
Vendor view:
The only way we grow the market

ALF: Is About Process Integration of Dev Tools



ALF = ALM tool Integration using SOA

Example of BPEL Orchestration

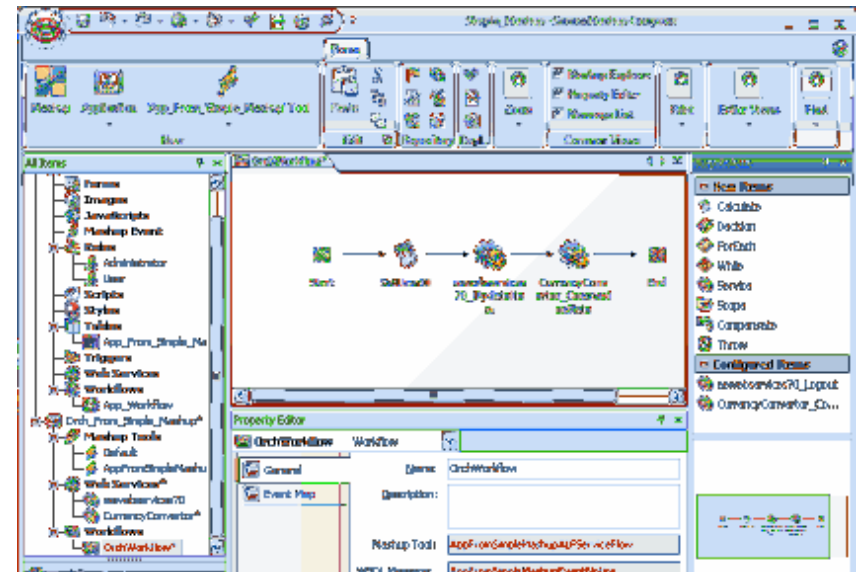


Commercial adoption of ALF

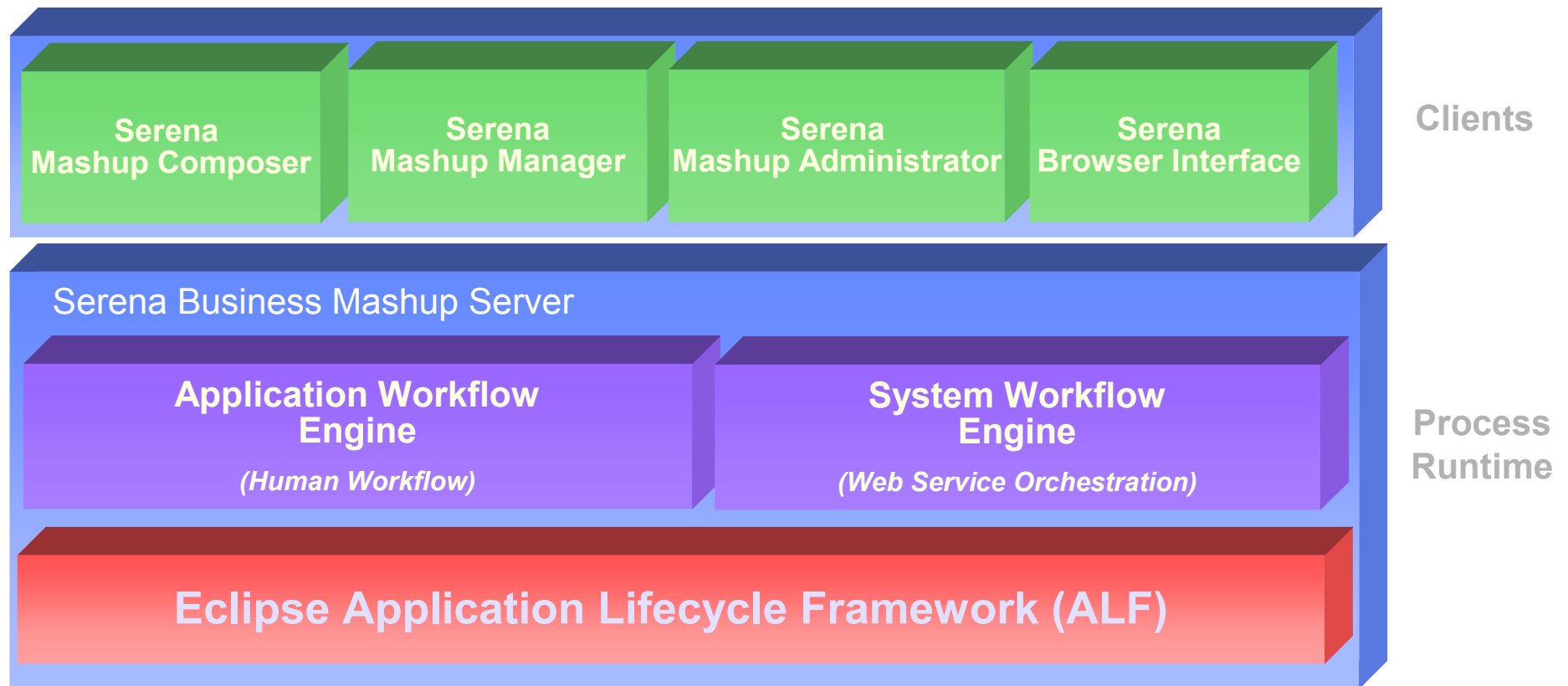
- There are several “rights of passage” for an Eclipse project
 - ♦ One is being incorporated into a commercial product
 - ♦ **Eclipse ALF project has been consumed by Serena Business Mashups**
 - **Shipped GA December 2007**

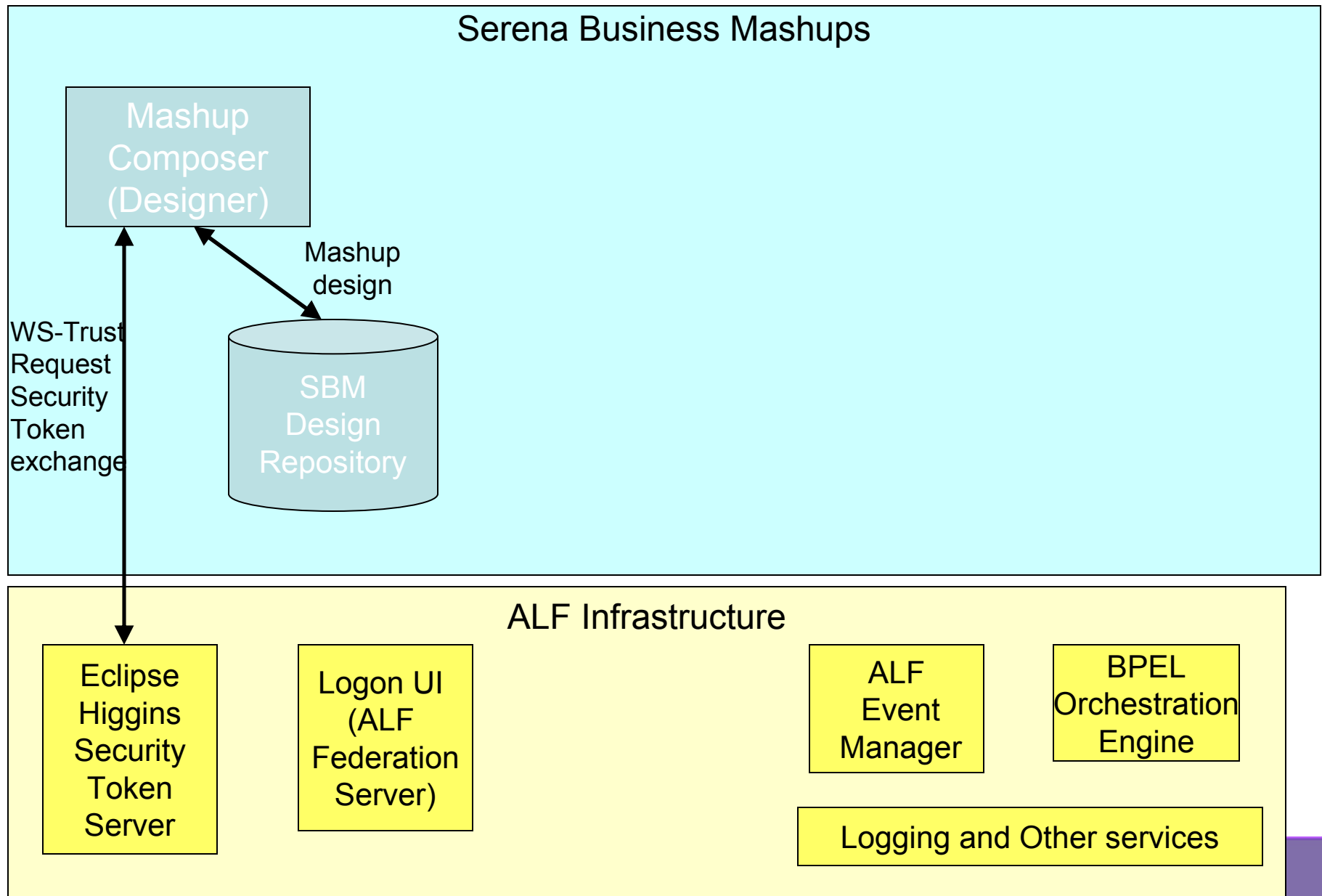
What is Serena Business Mashups (SBM)?

- Serena Business Mashups is a commercial product for creating business mashups using Web Services and Web 2.0
- SBM uses ALF for:
 - ◆ Web Service Events
 - ◆ Web Service Orchestration
 - ◆ Single Sign-On
 - ◆ Conveying Identity through web services

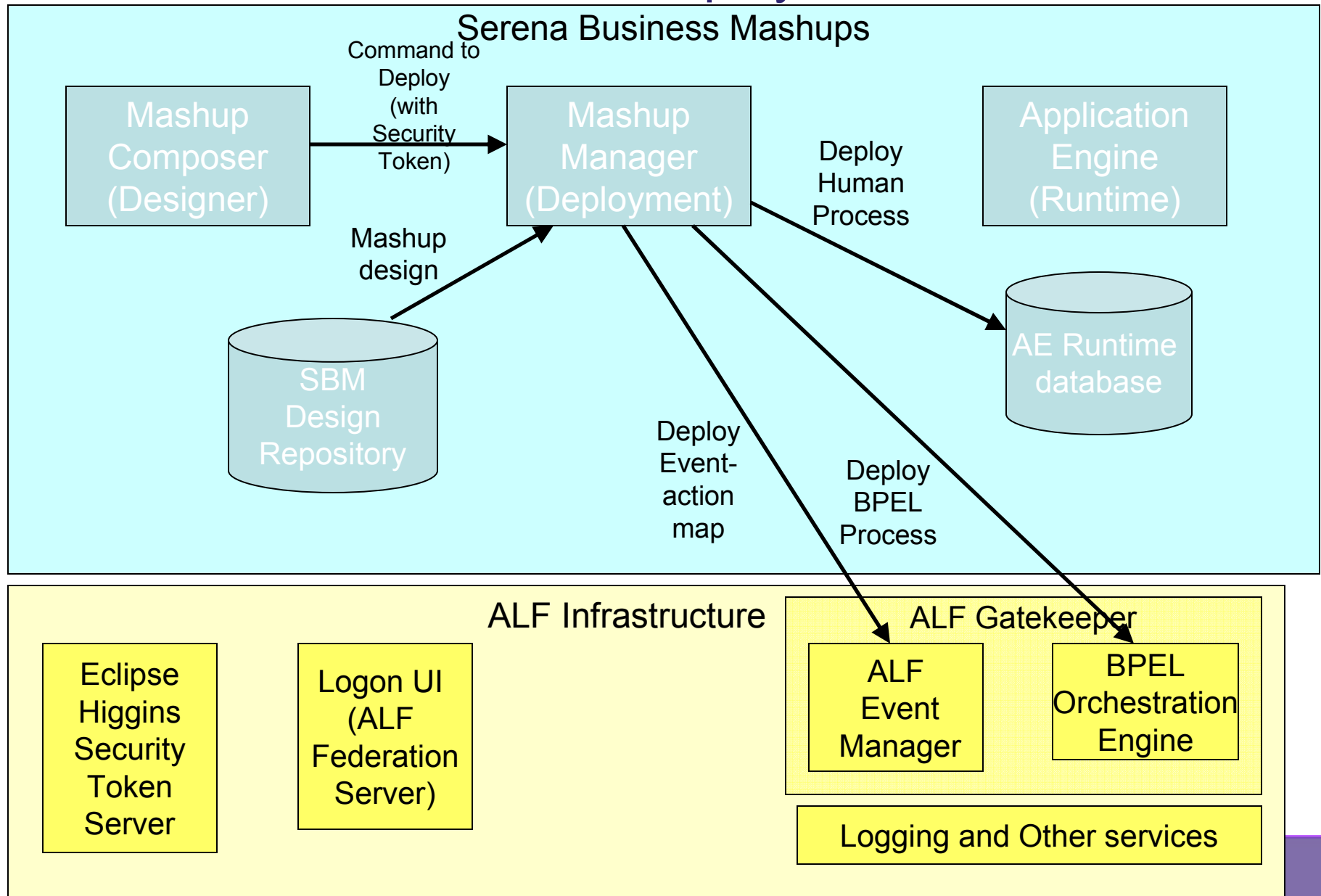


Serena Business Mashups Architecture

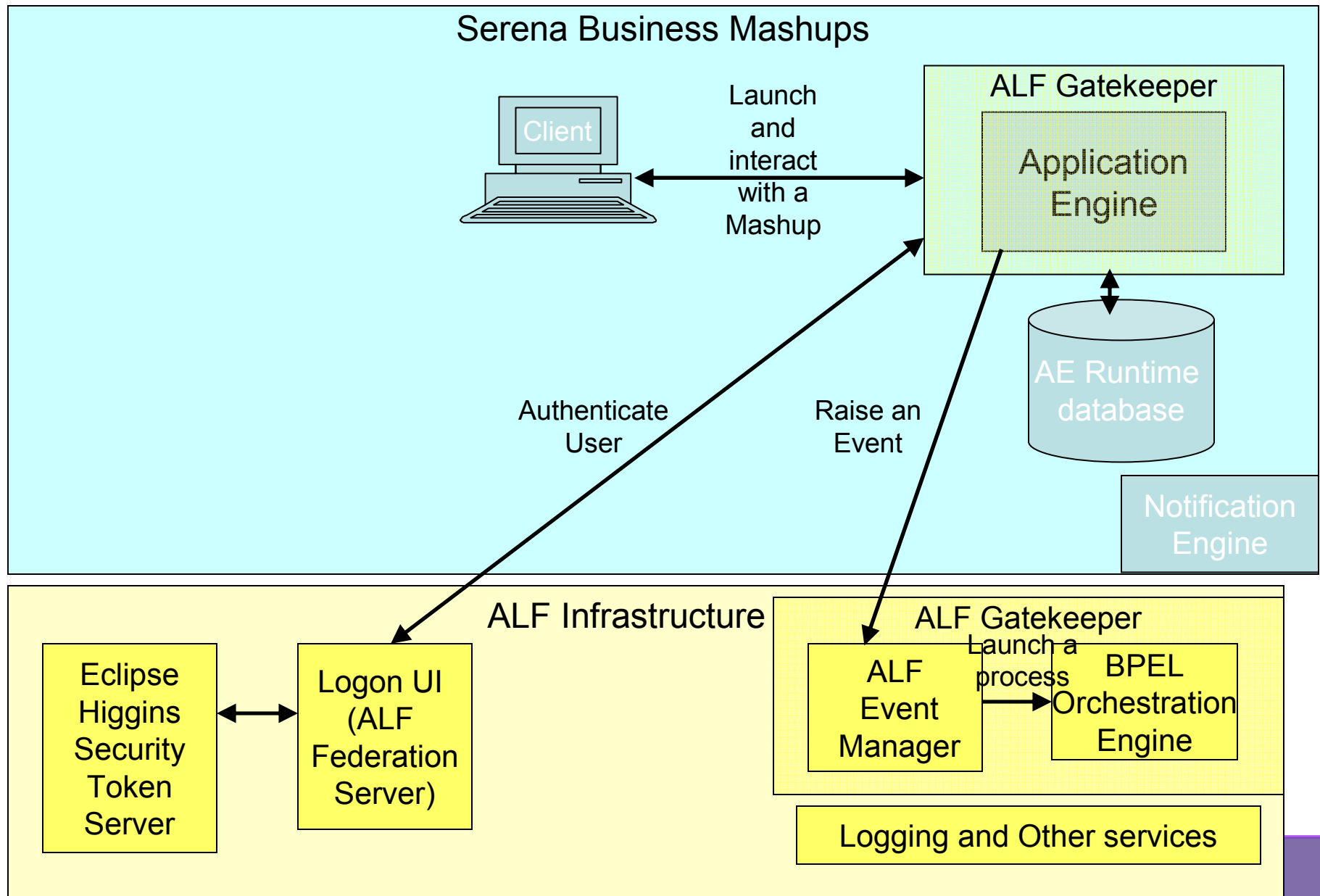




Deployment Phase



eclipseCON™ 2008 Runtime Architecture



So how can I mashup my development?

- Using Eclipse ALF:
 - ◆ ALF provides an extensible framework for integrating development tools using SOA
 - ◆ What you get:
 - Guidance and best practices
 - Event Manager
 - SSO and SOA security infrastructure (Builds on Higgins)
 - Administrative tooling
 - Vocabularies for SCM, Build, (In progress: Requirements)
 - ◆ You supply your favorite BPEL designer and BPEL engine
 - ◆ You can create:
 - Integrations driven by tools using orchestrations to synchronize data among tools
 - See http://www.eclipse.org/alf/Flash/RUN_ME_FOR_THE_ALF_DEMO.htm

So how can I mashup my development?

- Using Serena Business Mashup (SBM):
 - ◆ The SBM commercial tool adds to ALF:
 - An integrated designer tool for human workflow, BPEL Orchestration, data, and forms
 - ✦ Free download:
<http://www.serena.com/mashups/testdrive.html>
 - A Human Workflow (Approvals) engine
 - Complete administration tools
 - Deployment and Configuration Management tooling

Thank you!

Take your pick to mashup your
development:

Try out ALF: <http://www.eclipse.org/alf>

Try out Mashup Composer at
<http://www.serena.com/mashups/testdrive.html>