



**Eclipse Members Meeting**

**September 06**

## About ActiveGrid: Experienced Leadership

### Peter Yared, Founder and CEO

- CTO, Liberty Alliance, Sun
- CTO, Application Server Division, Sun
- CTO, NetDynamics (acquired by Sun)

### Larry Abrahams, Vice President Engineering

- Sr. Director, Liberty Alliance, Identity Products, Sun
- Director, JDK (J2SE) team delivering JDK 1.2, 1.3, 1.4, Sun
- SVP Product Dev., Blue Titian an SOA Enterprise Service Bus

### Proven team from Sun, BEA and Netscape

- 27 people

### Founded May 2003

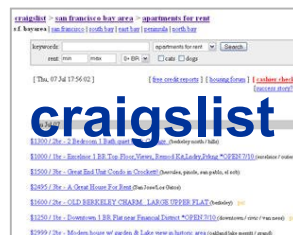
- \$13 million in funding



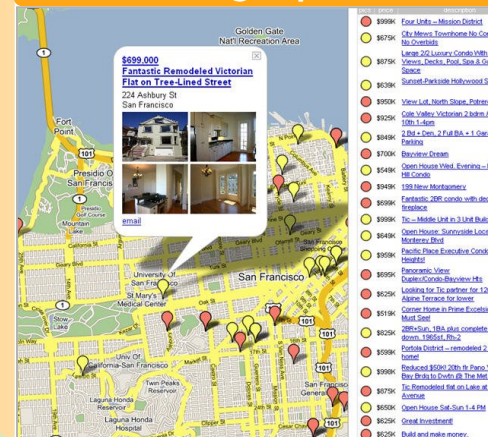
# The Web 2.0 Opportunity: Rich UI and Lightweight Integration

activegrid™  
enterprise Web 2.0

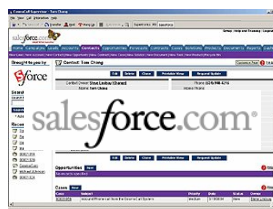
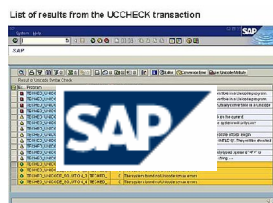
Rich,  
interactive  
interfaces



## HousingMaps.com



## Call Center Application



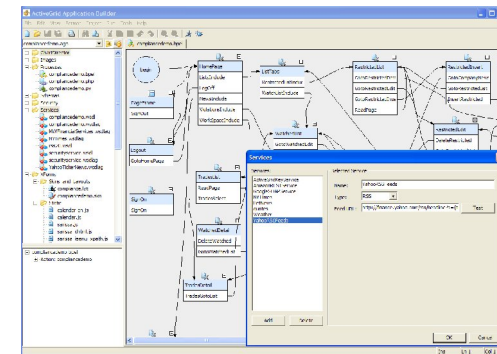
Integrate  
existing  
applications

## The Solution: ActiveGrid Enterprise Web 2.0

- Web 2.0 and lightweight integration for LAMP and Java
- Rapid development with SOA standards
- Integrates identity and security infrastructure

**b.**  
build

**ActiveGrid Studio**  
*Rapidly build Web 2.0 applications*



**d.**  
deploy

**ActiveGrid Server**  
*Flexibly deploy across commodity machines*

### ActiveGrid Server

PHP

Python

Java

Python

Apache

Tomcat / Java EE

Linux

Linux / JVM

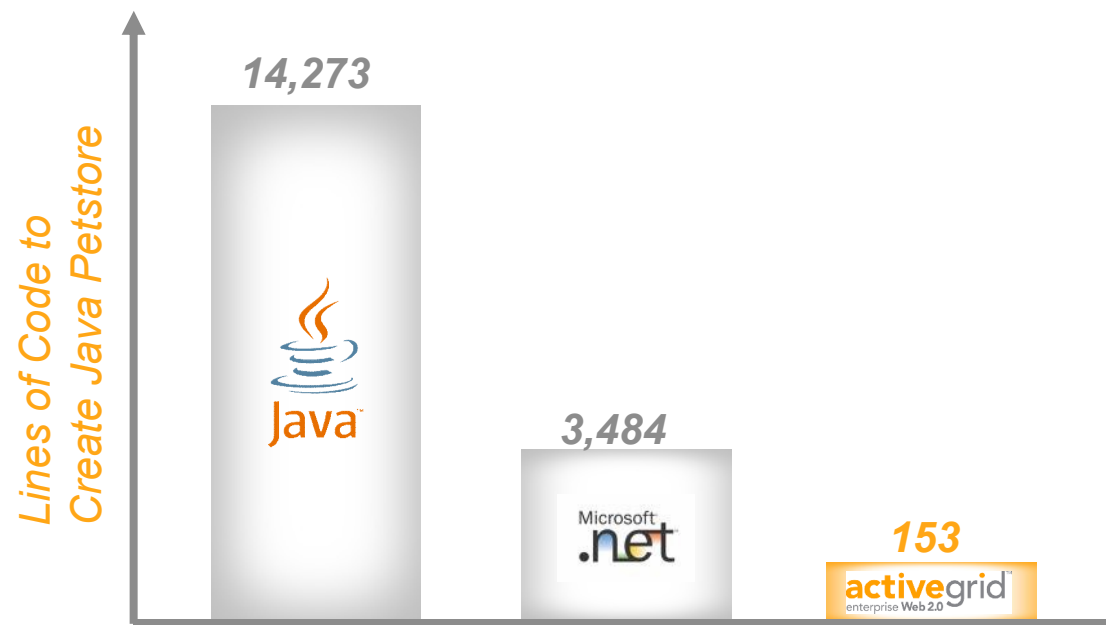
Commodity x86 Machine

Commodity x86 Machine

## The ActiveGrid Difference:

### XML Standards, Declarative Application Construction

- Directly edits SOA standards
  - *No code generation or proprietary metadata*
- Developers are more productive
- Applications have higher quality



# The ActiveGrid Platform

## Rapid Development

Visual Editors  
Declarative Construction  
Integrated Debug/Test

## SOA

Service-Based Framework  
WS/Database Integration  
BPEL Page Orchestration

## Web 2.0

AJAX Framework  
Rich UI Controls  
Mash-Ups

ACTIVEGRID STUDIO - STANDALONE & ECLIPSE

## Security & Identity

Fine-Grained RBAC  
ID Mgmt Integration  
Authentication Framework

## Scalability & Reliability

Horizontal Linear Scaling  
Advanced Replication  
Clustering & Failover

## Deployment & Administration

Wizard-Driven Deployment  
Flexible Administration  
Leverage Existing Tools

ACTIVEGRID SERVER - LAMP & J2EE

Apache Web Server

Apache Tomcat

BEA Weblogic

Sun Java EE

IBM WebSphere

P L A T F O R M S

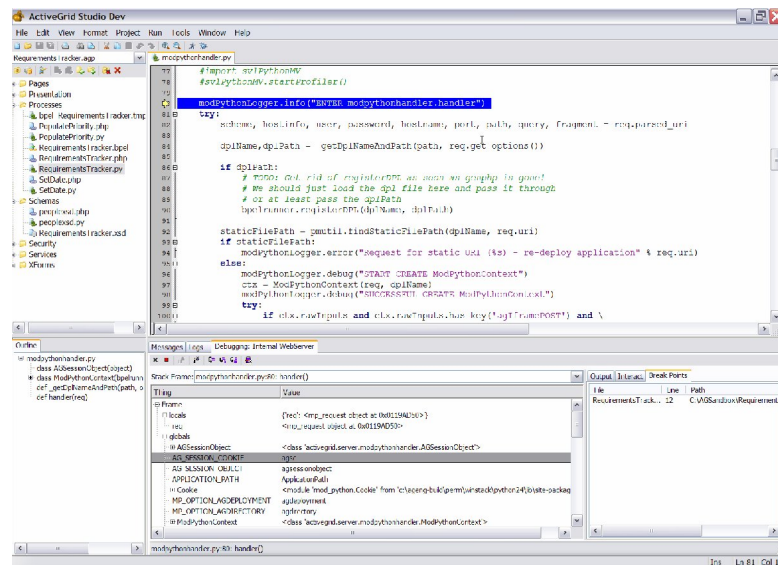
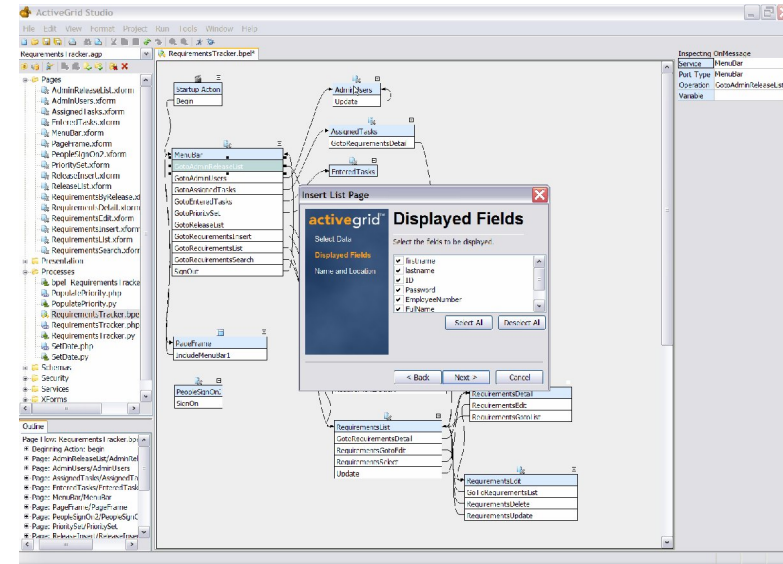
# Studio Features: Rapid Development

- Declarative Construction

- Wizards for creating page flows or entire applications
- Rich palette of customizable pages, actions, and GUI components

- Visual Editing

- Graphical editors for Page Flow (BPEL), Data (XSD), Services (WSDL), and Pages (XForms)



- Integrated Debug/Test/Version Control

- Imbedded Apache/Tomcat servers and web browser
- Comprehensive logging/tracing
- Python, Java, PHP debuggers
- Built-in support for SVN, extensible to CVS, ClearCase, etc.

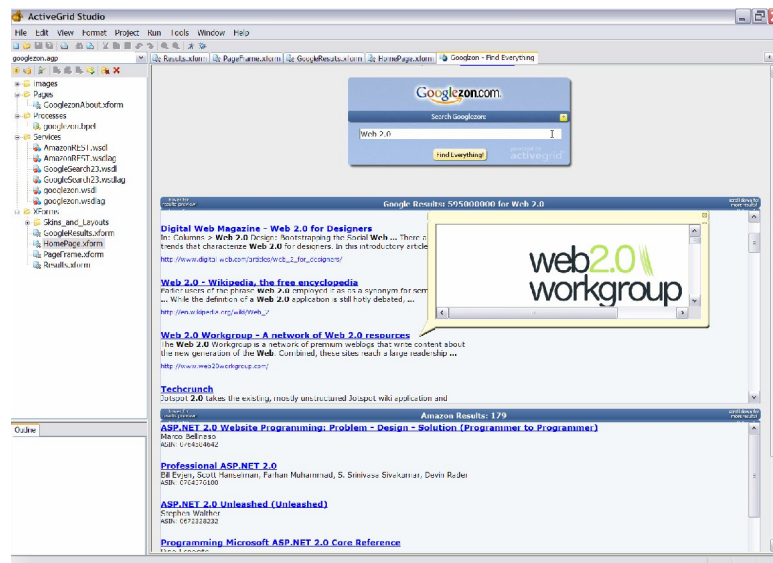
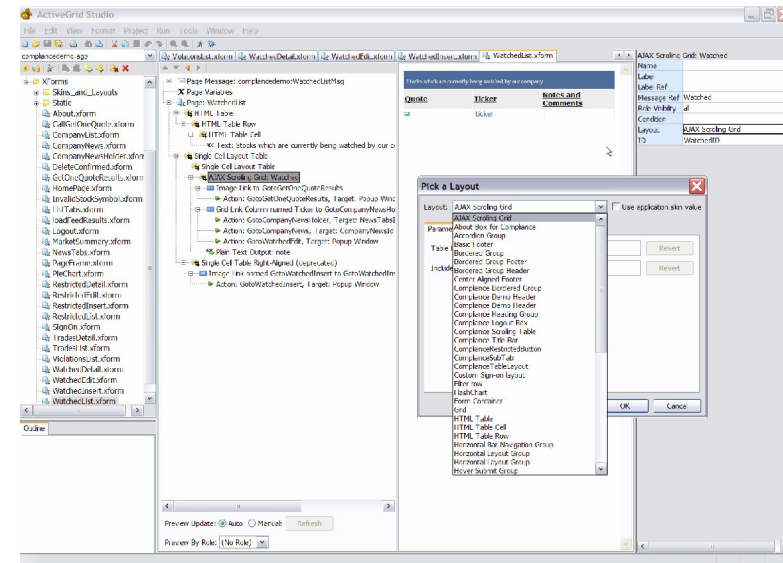
## Studio Features: Web 2.0

- **AJAX Framework**

- AJAX used for all page interactions
- Allows for partitioning of pages into independently updatable components

- **Rich UI Controls**

- Rich built-in layouts include scrolling or paginating grids, pop-ups, sliding windows, and accordian groups
- Extensible with standard HTML, CSS, and JavaScript and 3<sup>rd</sup> party plug-ins



- **Enterprise Mash-ups**

- Pages can be composites of data from disparate Web Services, Databases, and custom code
- Easy construction of sophisticated mash-ups with little or no coding



## ActiveGrid and Open Source

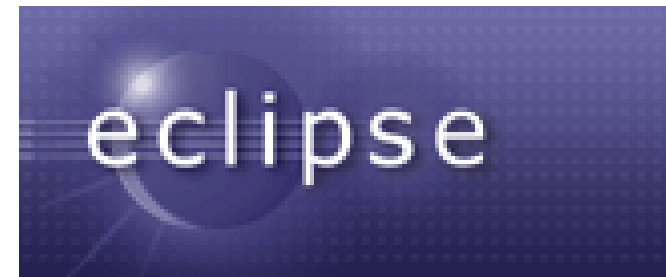
- LAMP heritage
- Source Forge project since 2/05
- Apache 2.0 license
- Over 25,000 downloads



- Initiated work on Jython 2.3 branch
- Committer status

## ActiveGrid and Eclipse

- Migrating ActiveGrid Studio to an Eclipse plug-in
- Target for release 1Q07
- Currently investigating existing tools/frameworks:
  - EMF/GMF
  - GEF
  - WTP
- We are eager to contribute, not just consume!



## Contacts

- Peter Yared – CEO
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