



Building Modern JavaScript Applications on Java EE Backends

Geertjan Wielenga

Product Manager

Oracle Developer Tools

June 2016


Please Stand By. This session will begin promptly at the time indicated on the agenda. Thank You.




Safe Harbor Statement




The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.





**Steven King**
President
Executive

 515.123.4567
 515.123.4567
 SKING@example.net

 Steven
 Steven


About

12
Skills

6
Tenure

Performance

5
Rating

2
Potential

Compensation


24k

104

Hire Date
Mar 1, 2009

Address
2004 Bellevue Ct
Seattle
Washington 98102 US

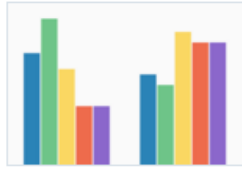
Manager


Steven King
Skills

Estimation **Budgeting** **Outsourcing** **HCM**
Human Resources **Staffing**
Analytics **Financials** **Recruiting** **Statistics**



Area Chart



Bar Chart



Bubble Chart



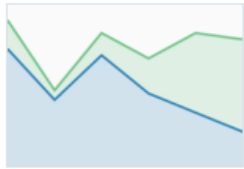
Combination Chart



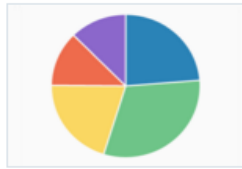
Funnel Chart



Line Chart



Line with Area Chart



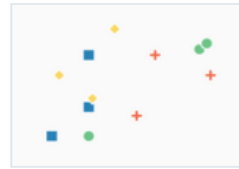
Pie Chart



Polar Chart



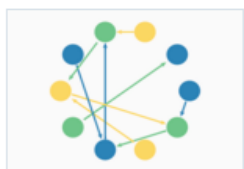
Range Chart



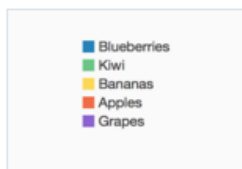
Scatter Chart



Spark Chart



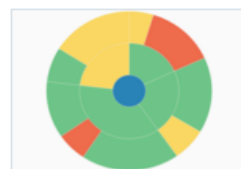
Diagram



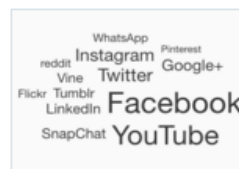
Legend



NBox



Sunburst

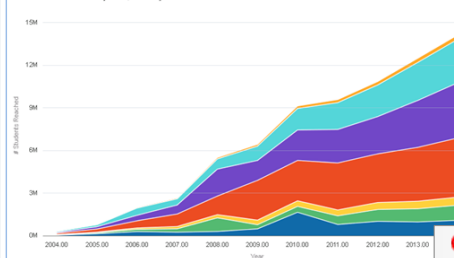


Tag Cloud



Thematic Map

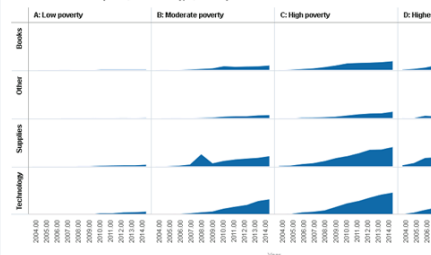
Students Reached by Year, Primary Focus Area



Students Reached by Primary Focus Area, Resource Type, Poverty Level



Students Reached by Year, Resource Type, Poverty Level



ORACLE® Solaris 12 Dashboard

0 0 0 30

soldep-1z5

Applications

root

System Status

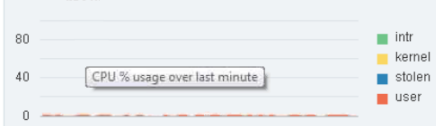
Pause All

Faults & Activity

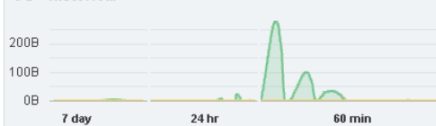
Disk - historical



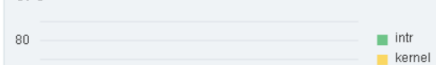
CPU - last minute



I/O - historical



CPU



Disk - last minute



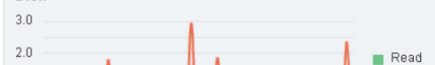
Network - historical



I/O - last minute



Disk



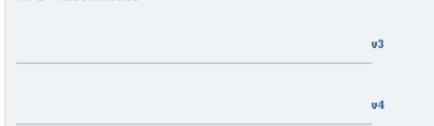
CPU - historical



Network - last minute

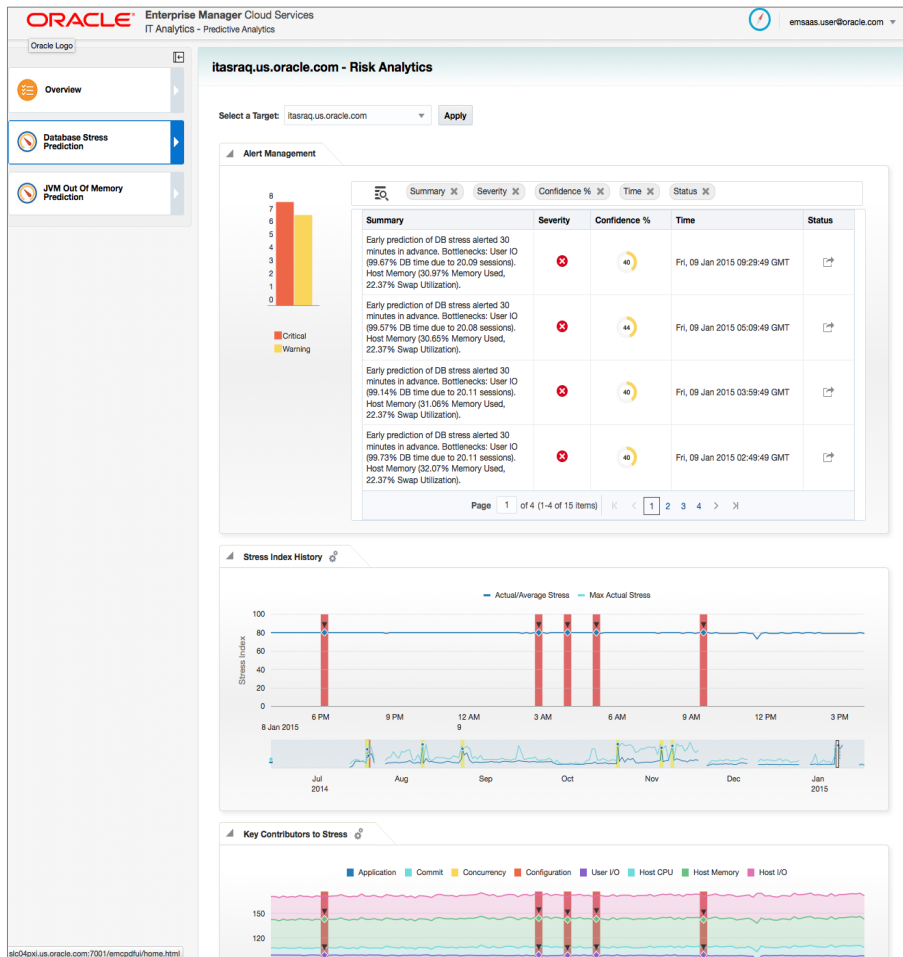
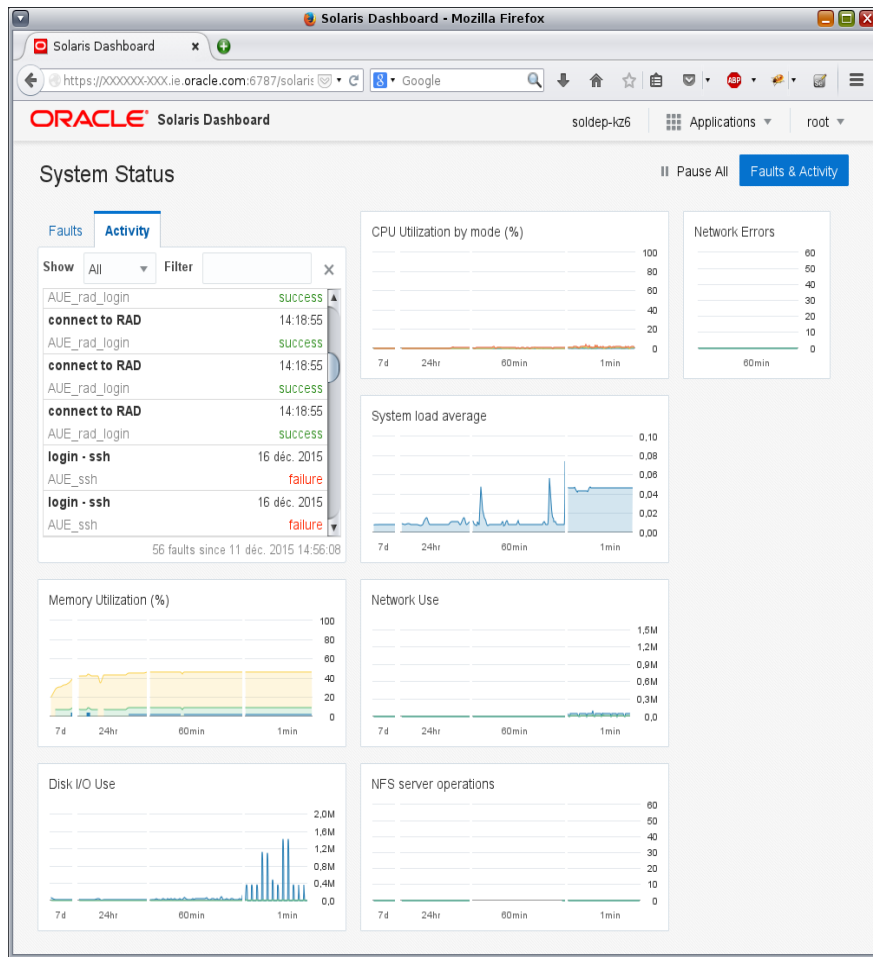


NFS - last minute



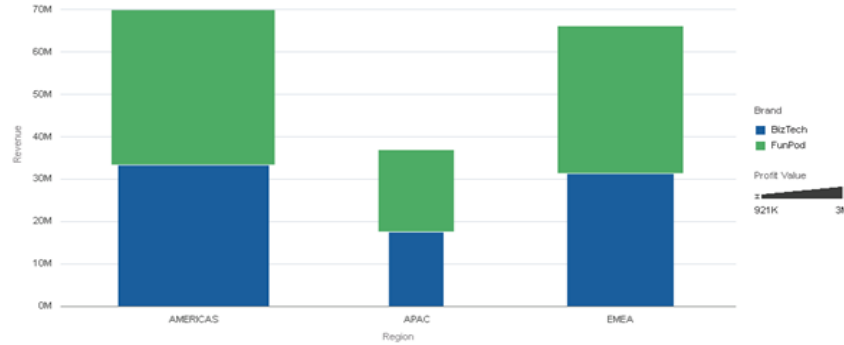
Network



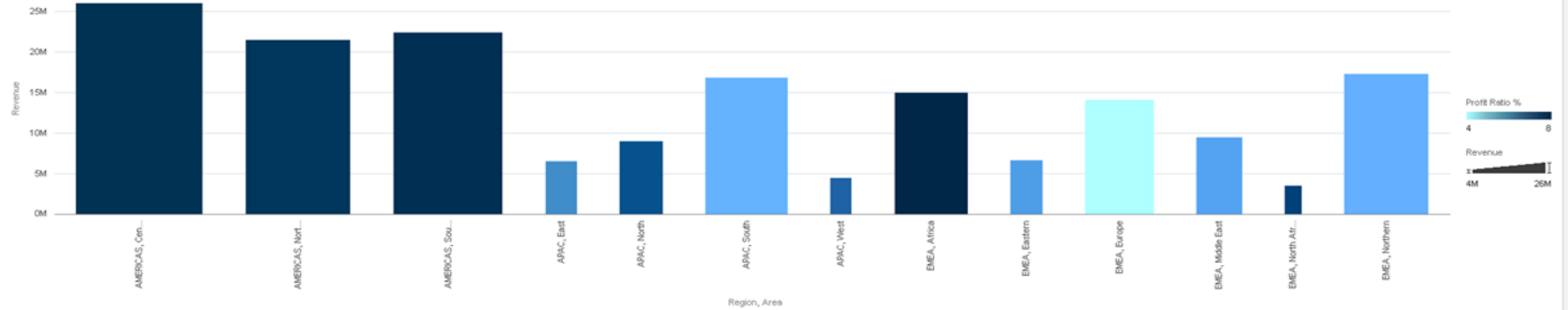


Bar Chart Width

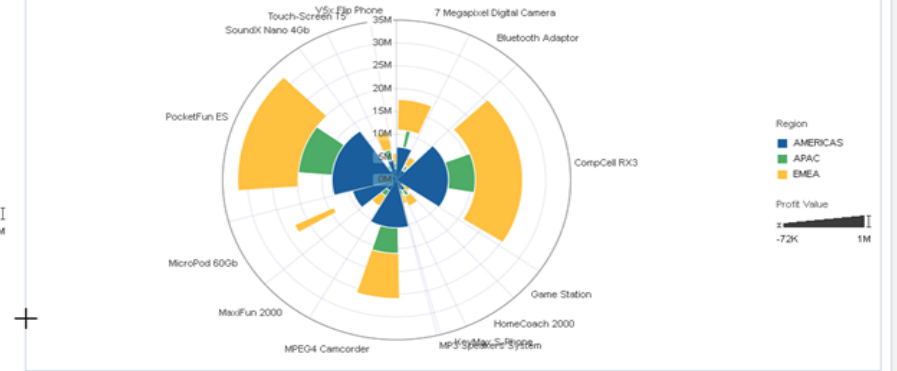
Revenue by Region, Brand, Profit Value



Revenue by Region, Area, Profit Ratio %, Revenue

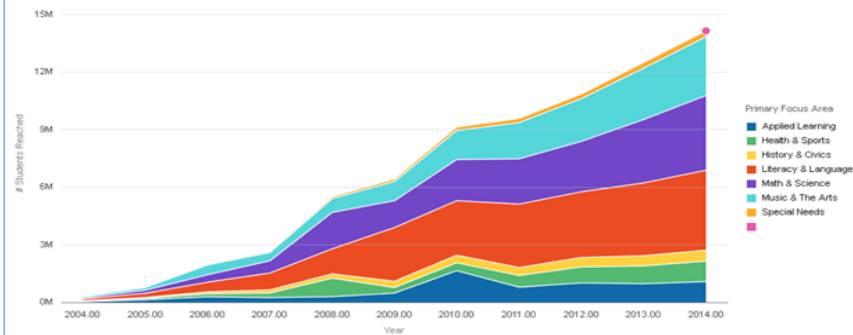


Revenue by Product, Region, Profit Value

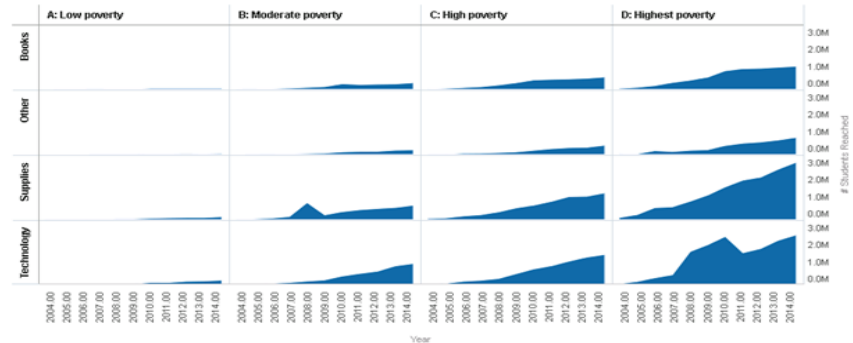


Students Reached

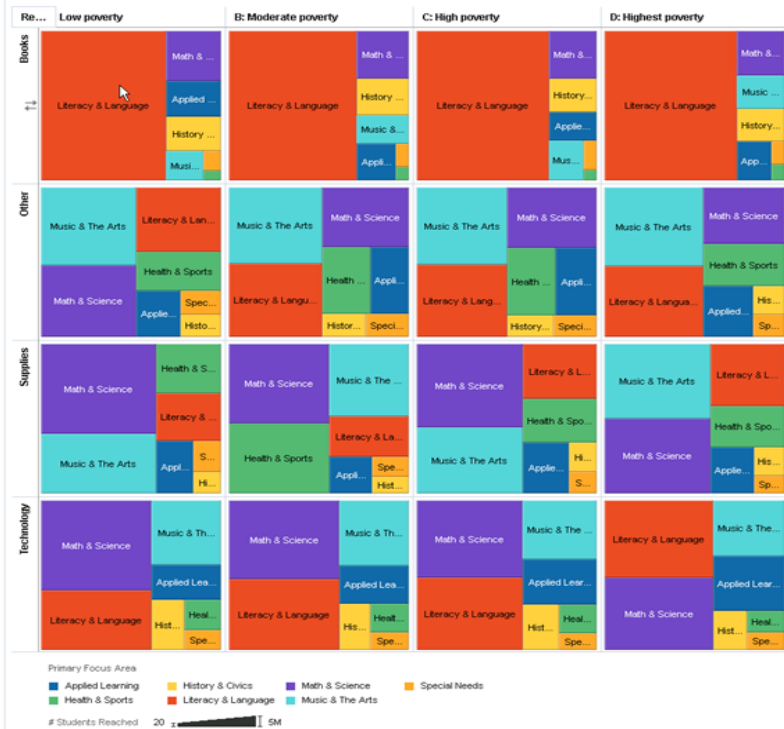
Students Reached by Year, Primary Focus Area



Students Reached by Year, Resource Type, Poverty Level

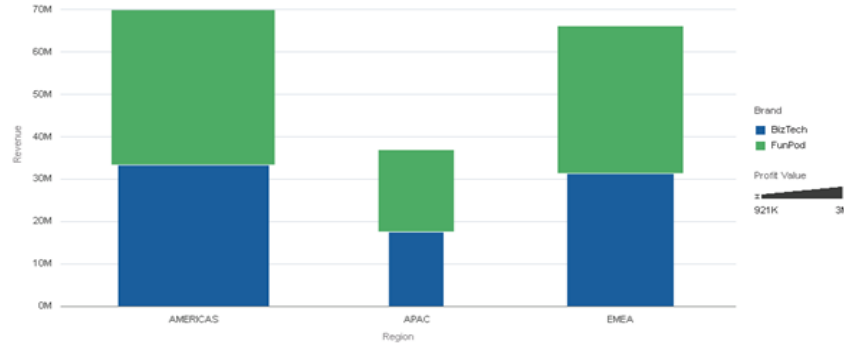


Students Reached by Primary Focus Area, Resource Type, Poverty Level

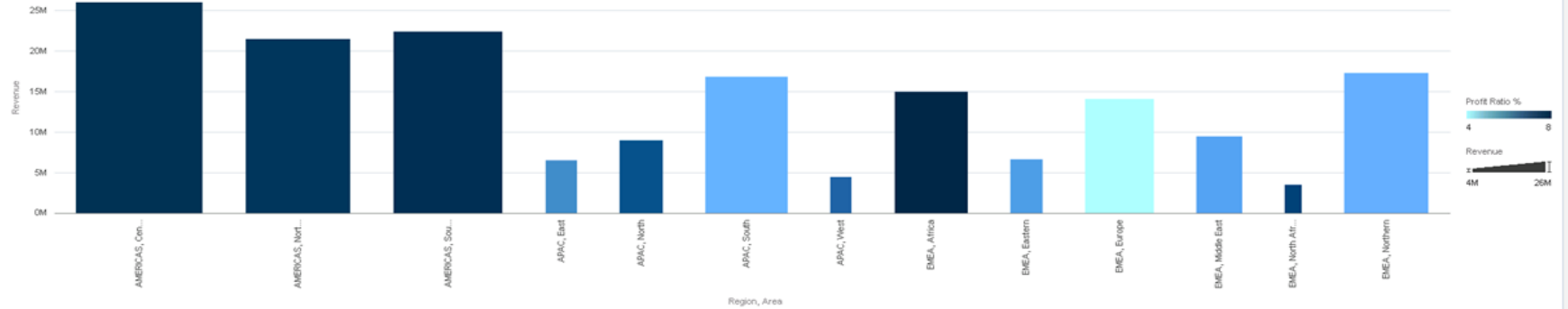


Bar Chart Width

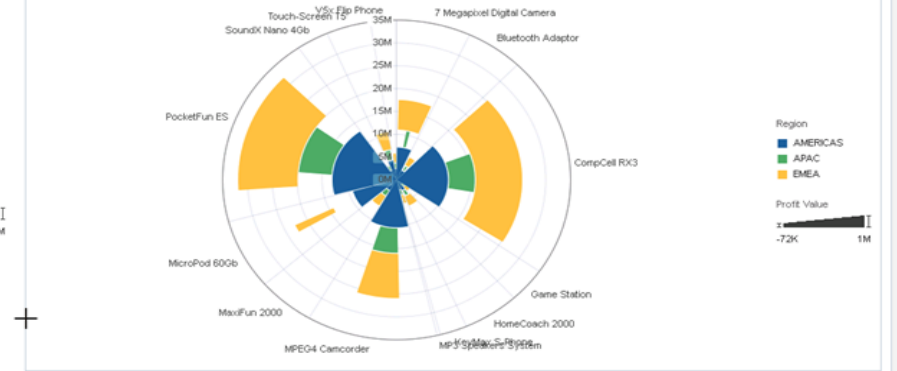
Revenue by Region, Brand, Profit Value



Revenue by Region, Area, Profit Ratio %, Revenue



Revenue by Product, Region, Profit Value



Requirements First

- **Responsive Design**
- **Modularity**
- **Single Page Application**
- **Accessibility**
- **Internationalization**
- **Security**
- **Performance Optimization**
- **Conformance to Standards**
- **Documentation & Support**



Demos

- **RequireJS: modularity**
- **KnockoutJS: two-way databinding**

Oracle JET

Oracle JavaScript Extension Toolkit

oraclejet.org



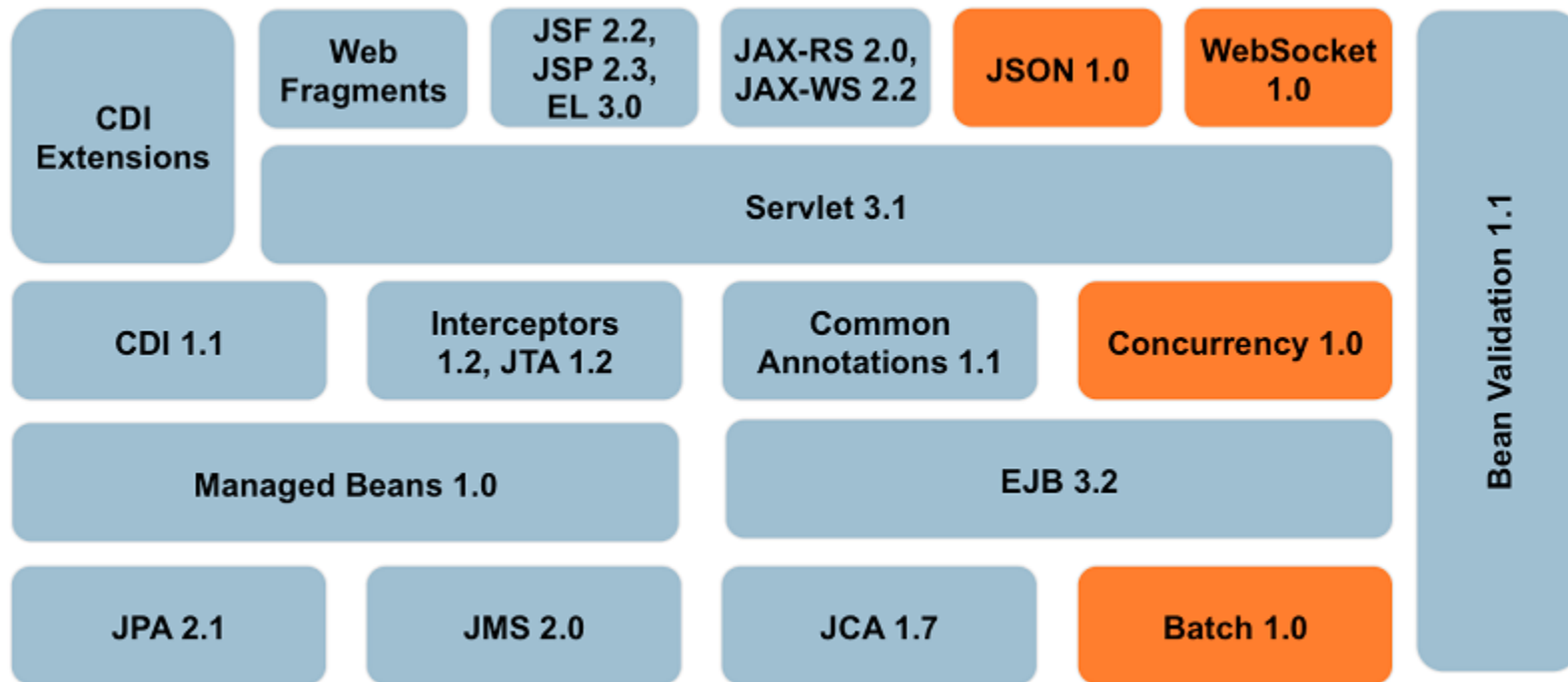
Oracle JET

- Aimed at medium to advanced JavaScript developers.
- Based on open source libraries.
- Focused on data visualization, e.g., Cloud data.
- Enterprise-ready, e.g., accessibility and modularity.
- Free and open sourced on GitHub.

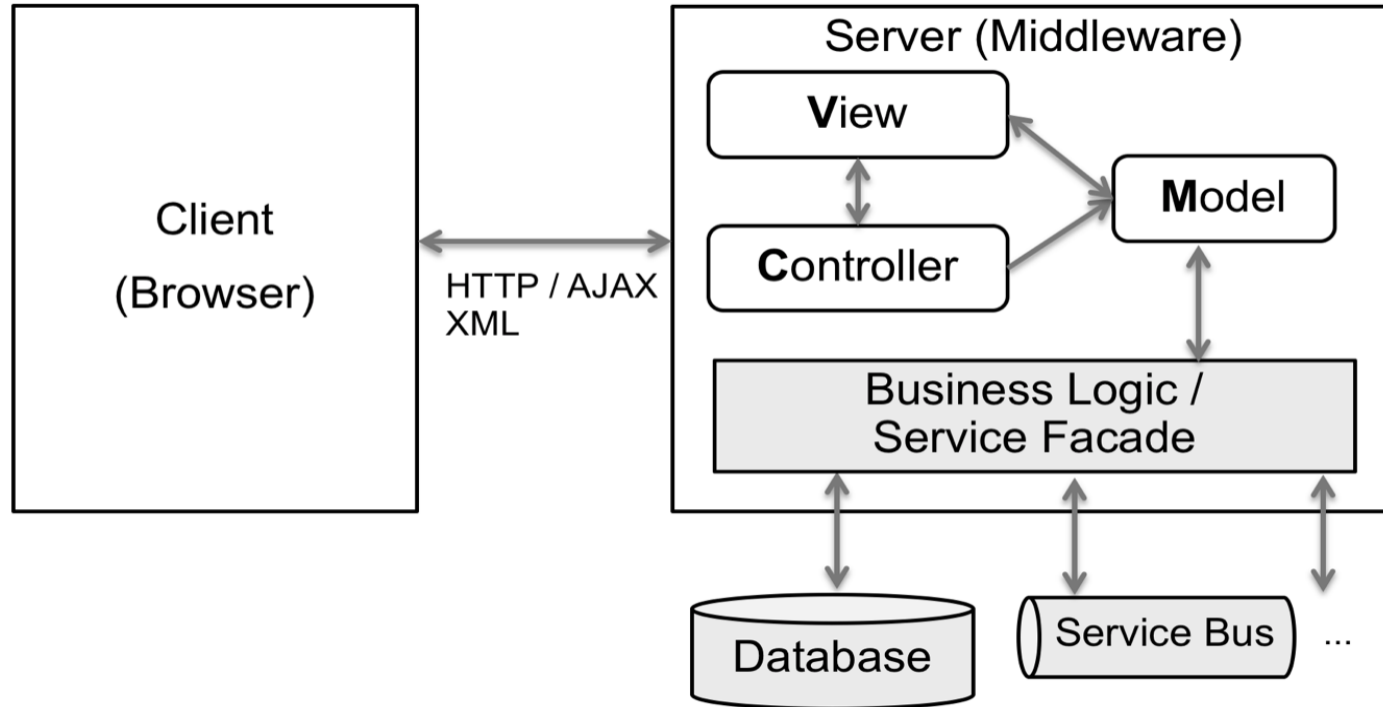
Demos

- **Getting started with Oracle JET**
- **Creating modular applications with Oracle JET**

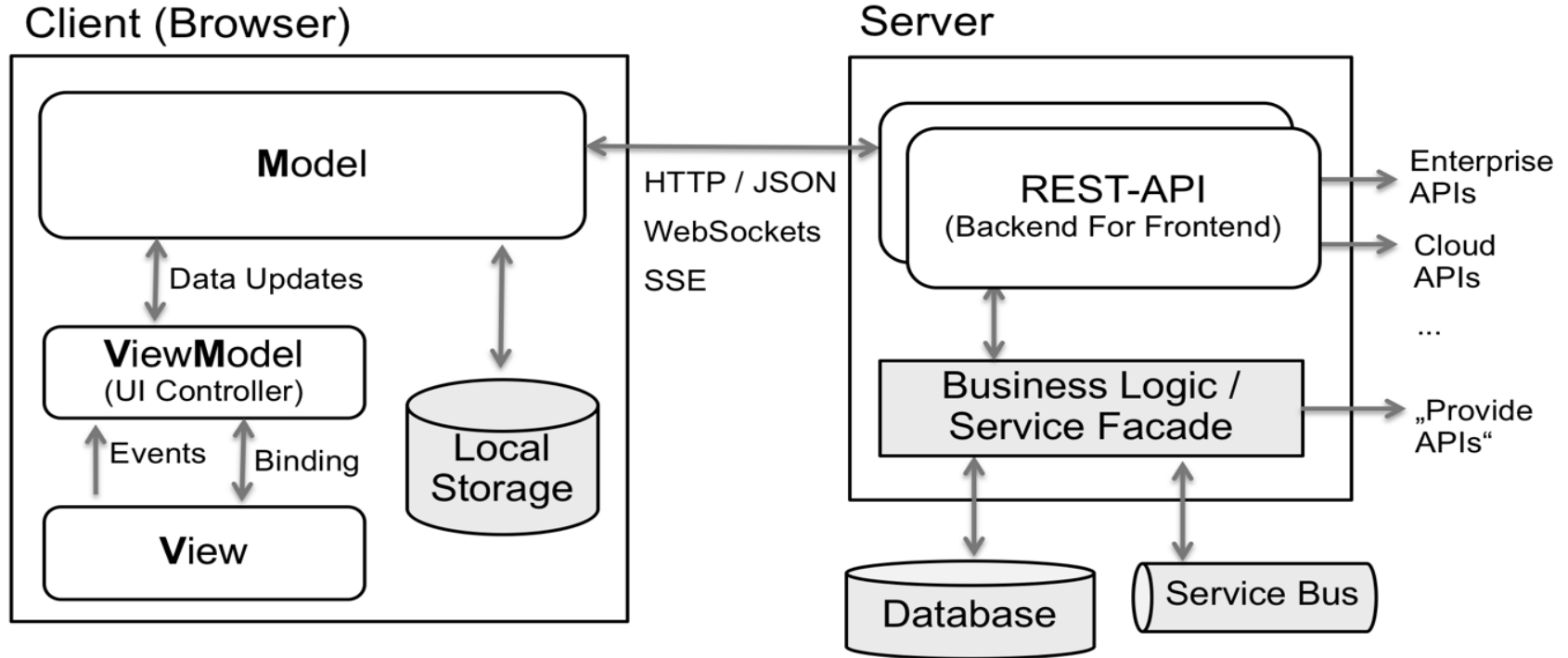
Java EE 7



Java EE 7: Server-Side Development



Java EE 7: Client-Side Development



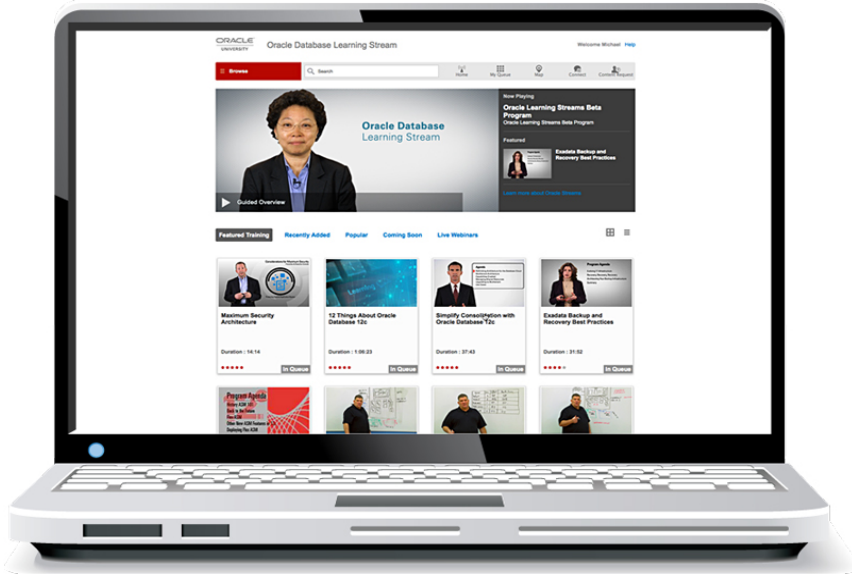
Demos

- **Creating a Java EE backend**
- **Building Oracle JET applications on Java EE backends**

Conclusion

- Aimed at medium to advanced JavaScript developers.
- Based on open source libraries.
- Focused on data visualization, e.g., Cloud data.
- Enterprise-ready, e.g., accessibility and modularity.
- Integrates well with Java EE backends.
- Free and open sourced on GitHub.

Keep Learning with Training from Oracle University



- Hands-on training delivered in-class or online by tenured instructors around the world
- New subscription-based learning services to give you any-time access to training
- Certification programs to validate your skills

education.oracle.com

**Thank You for
Joining Us Today.**

**Please Move to the
Next Session.**

