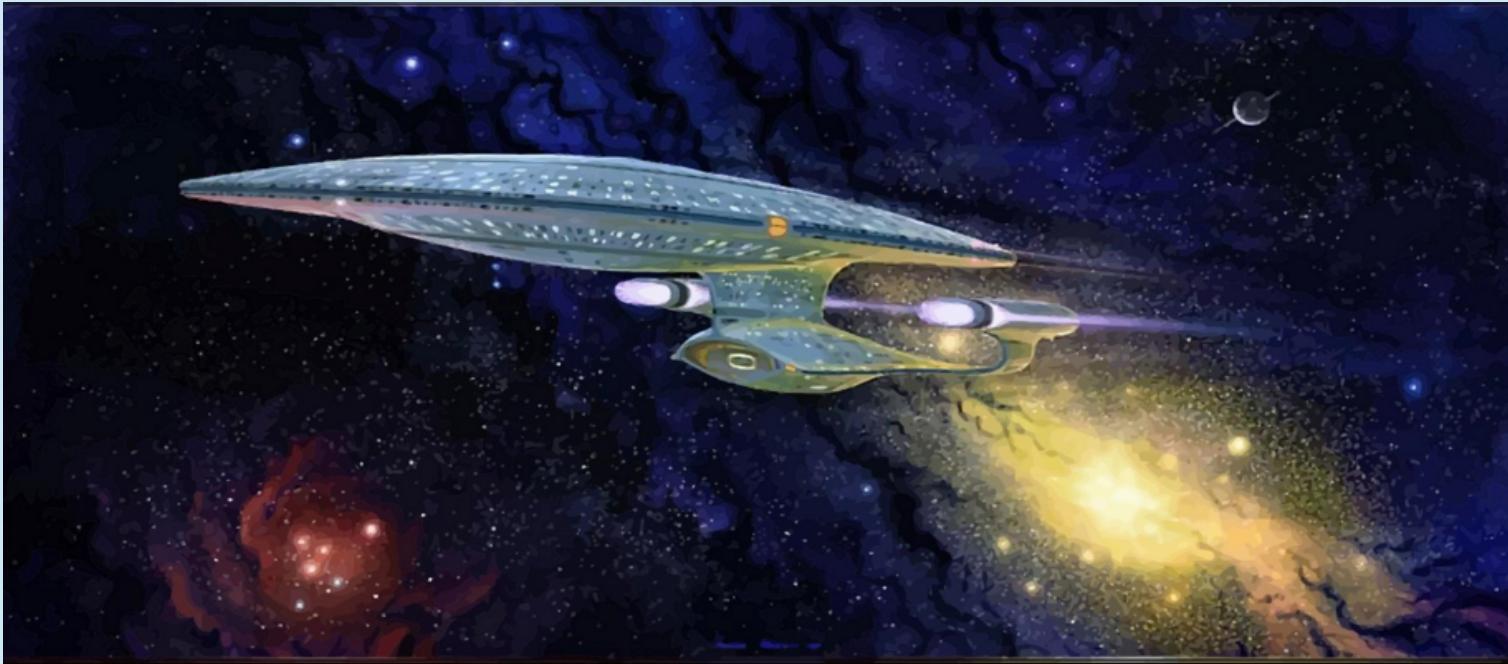


Oracle JET

Enterprise JavaScript for the Cloud



Geertjan Wielenga
Oracle product manager
[@geertjanw](https://twitter.com/geertjanw) [@netbeans](https://twitter.com/netbeans) @oraclejet





Steven King
President Executive

515.123.4567
515.123.4567
SKING@example.net

Twitter: Steven
Facebook: Steven
LinkedIn:

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

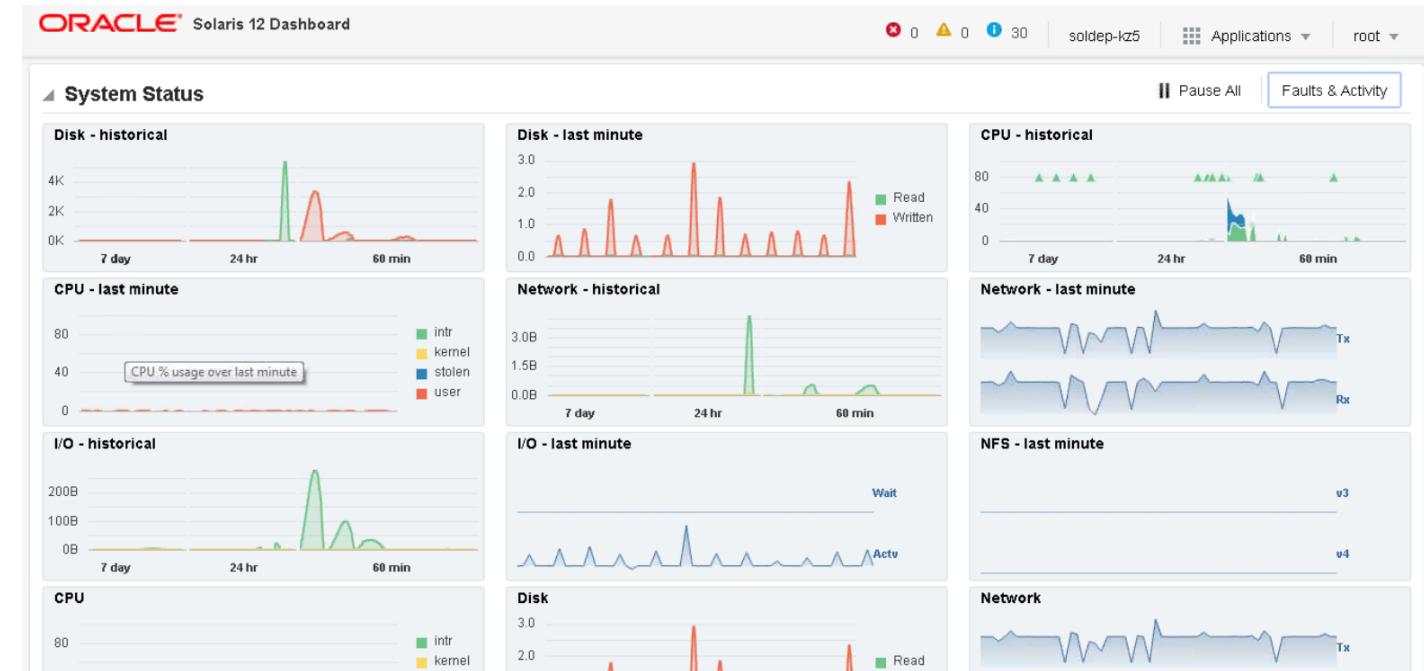
Skills

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



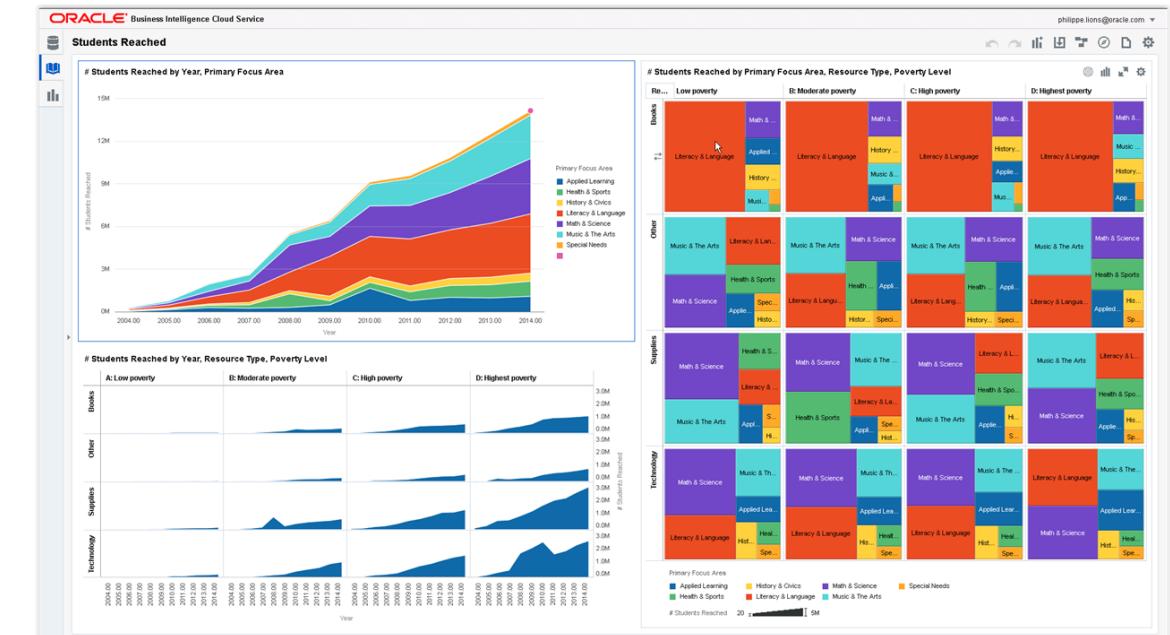
Oracle JET Customers Across Oracle Include...

- Internet of Things
- Mobile Cloud Service
- Developer Cloud Service
- Business Activity Monitoring
- Solaris Deployment and Analytics
- PeopleTools
- **New:** Application Express
- **New:** Big Data Discovery
- **New:** Oracle Retail



Oracle JET Impact Across Oracle

“Oracle JET enables us to build highly interactive and responsive applications that enable our users to answer business questions at the speed of thought. This is made possible by the lightweight and open client architecture that Oracle JET promotes.”

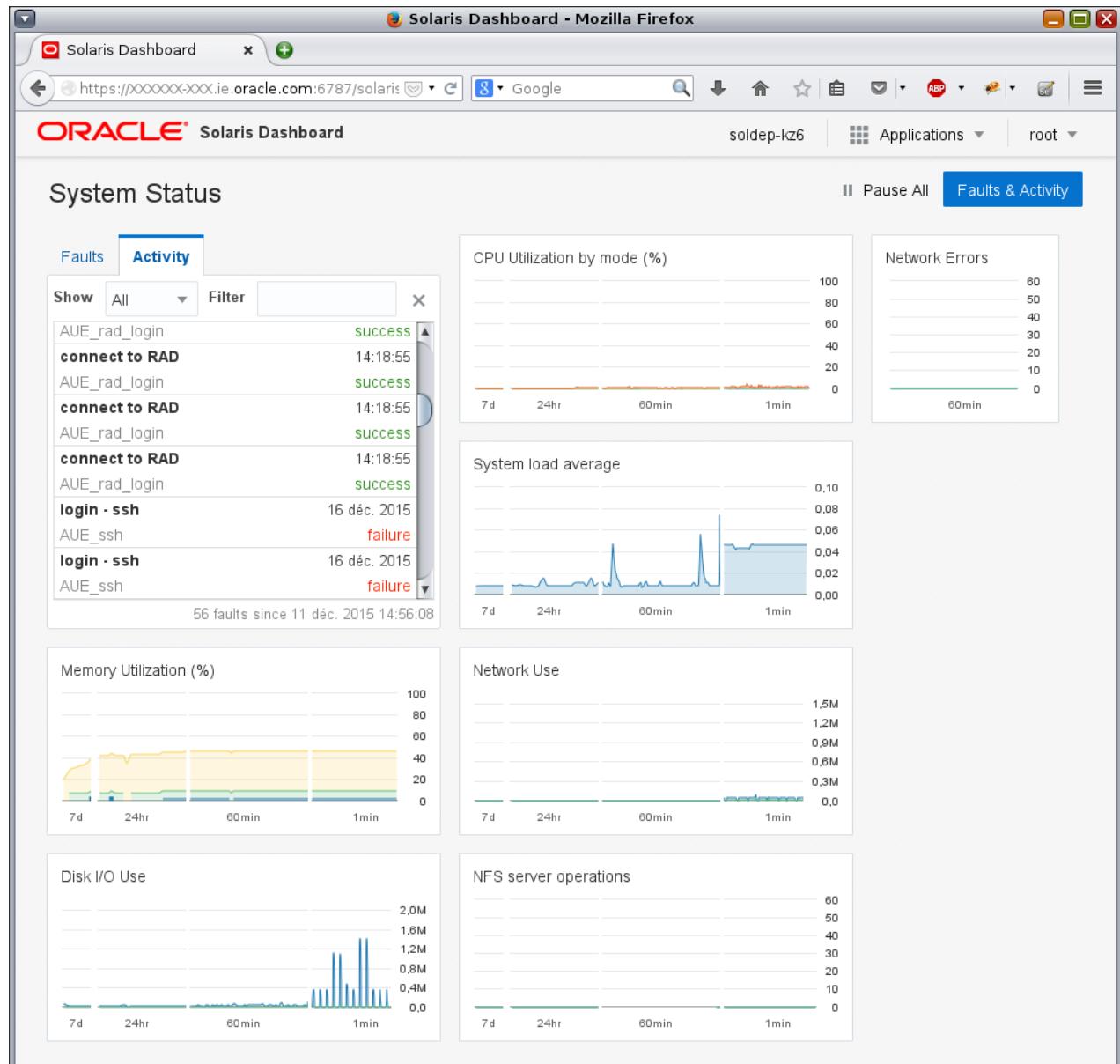


- BI Visual Analyzer/Data Visualization Cloud Service Team

Oracle JET Impact Across Oracle

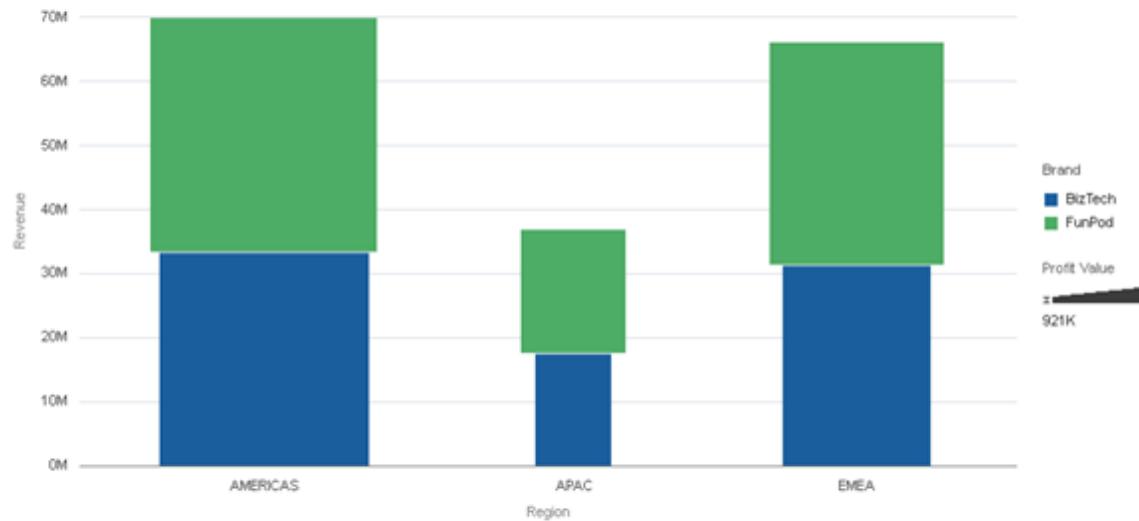
“On the Solaris WebUI and Analytics project we have made extensive use of Oracle JET and this has saved us considerable time and effort during the development of our webapp.”

- Solaris OS Development Team

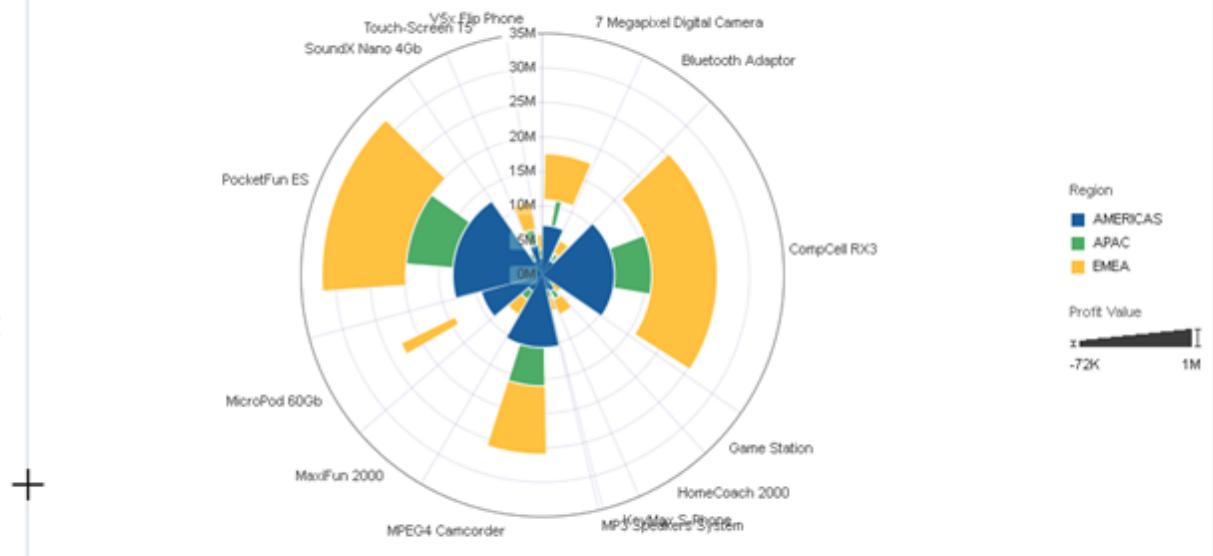


Bar Chart Width

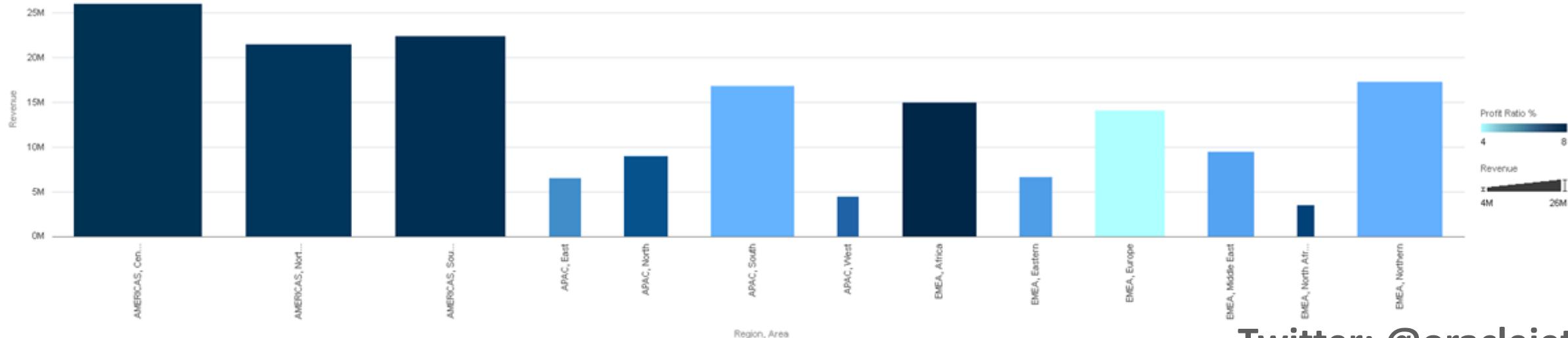
Revenue by Region, Brand, Profit Value



Revenue by Product, Region, Profit Value

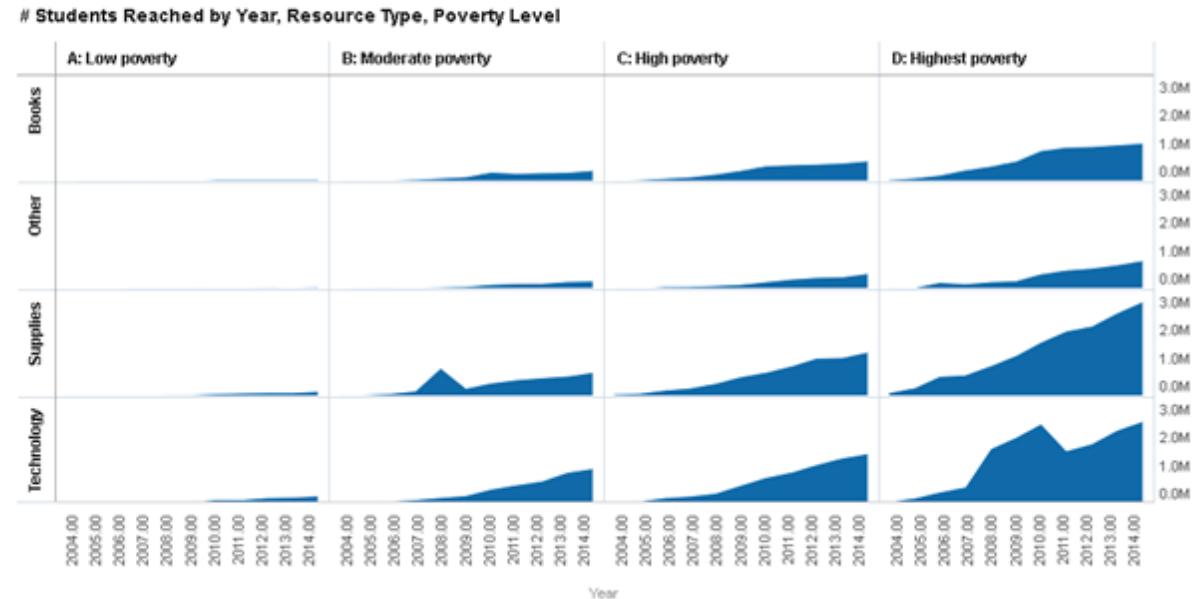
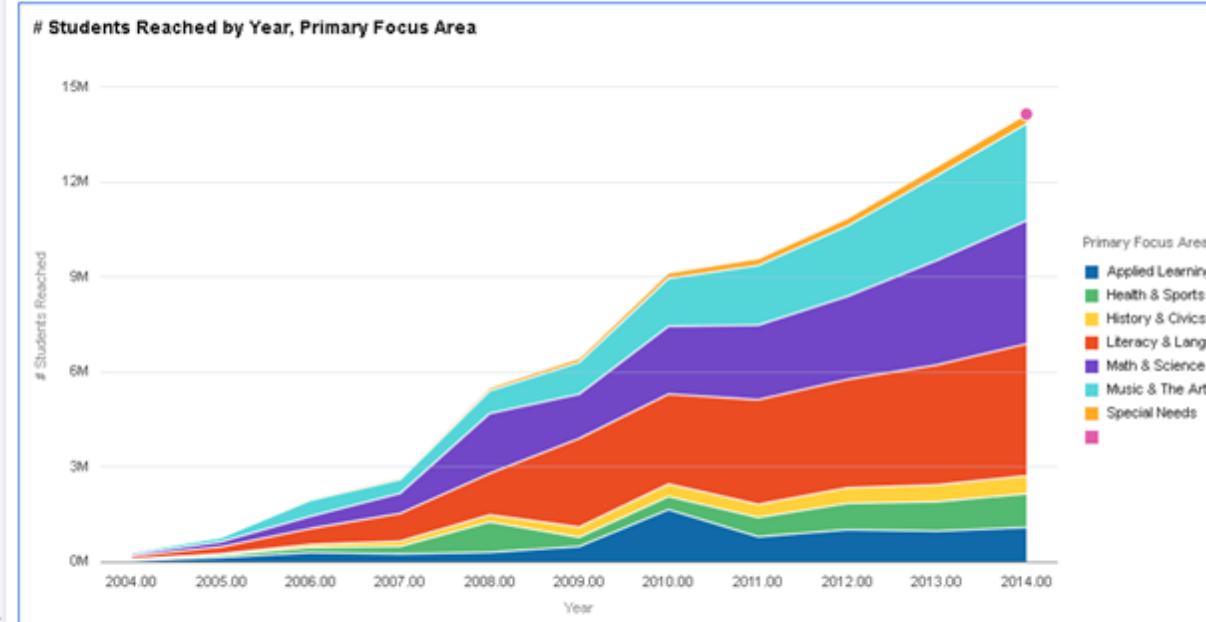


Revenue by Region, Area, Profit Ratio %, Revenue



Twitter: @oraclejet

Students Reached



Twitter: @oraclejet

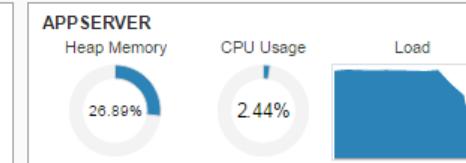
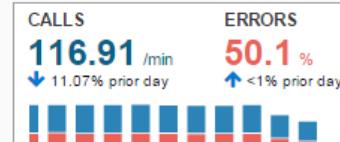
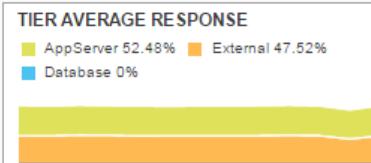
Server Request

Yesterday 11:00 AM - Today 11:24 AM



OrderService.submit

Type: AppServer
Deployment: hostC1.apm_tenantx1.testDom:-1
OrderService.war
JAXRPC



Diagram

Metrics

Links

Callers

Database

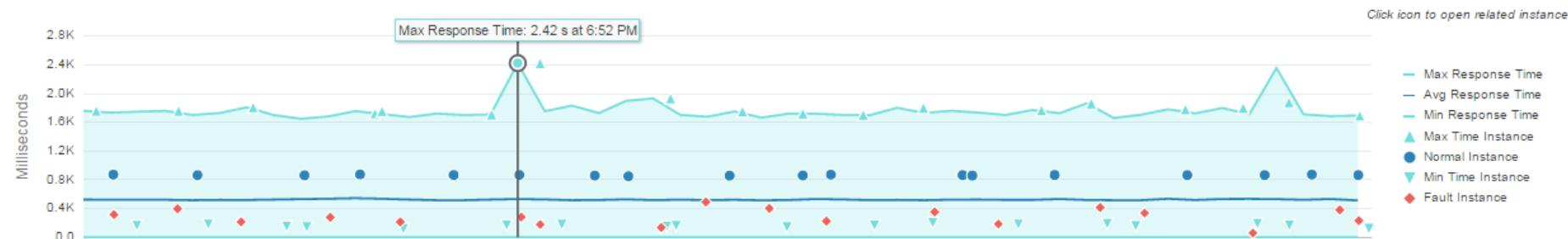
Instances

MEASUREMENT CHARTS

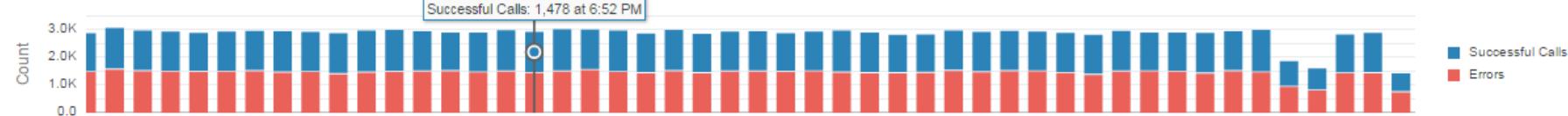
Yesterday 12:59 PM - Today 6:25 AM



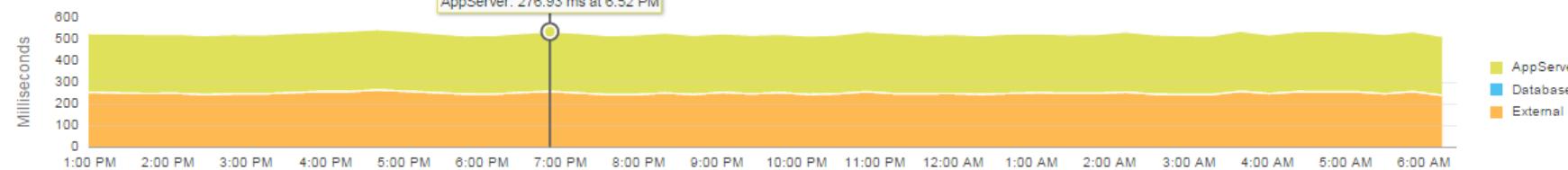
REQUEST RESPONSE TIME



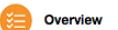
CALLS & ERRORS



TIER AVERAGE RESPONSE



Oracle Logo



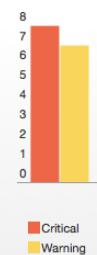
Overview

itasraq.us.oracle.com - Risk Analytics

Select a Target: itasraq.us.oracle.com

Apply

Alert Management



Summary Severity Confidence % Time Status

Summary

Severity

Confidence %

Time

Status

Summary	Severity	Confidence %	Time	Status
Early prediction of DB stress alerted 30 minutes in advance. Bottlenecks: User IO (99.67% DB time due to 20.09 sessions). Host Memory (30.97% Memory Used, 22.37% Swap Utilization).		40	Fri, 09 Jan 2015 09:29:49 GMT	
Early prediction of DB stress alerted 30 minutes in advance. Bottlenecks: User IO (99.57% DB time due to 20.08 sessions). Host Memory (30.65% Memory Used, 22.37% Swap Utilization).		44	Fri, 09 Jan 2015 05:09:49 GMT	
Early prediction of DB stress alerted 30 minutes in advance. Bottlenecks: User IO (99.14% DB time due to 20.11 sessions). Host Memory (31.06% Memory Used, 22.37% Swap Utilization).		40	Fri, 09 Jan 2015 03:59:49 GMT	
Early prediction of DB stress alerted 30 minutes in advance. Bottlenecks: User IO (99.73% DB time due to 20.11 sessions). Host Memory (32.07% Memory Used, 22.37% Swap Utilization).		40	Fri, 09 Jan 2015 02:49:49 GMT	

Page

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of 4 (1-4 of 15 items)

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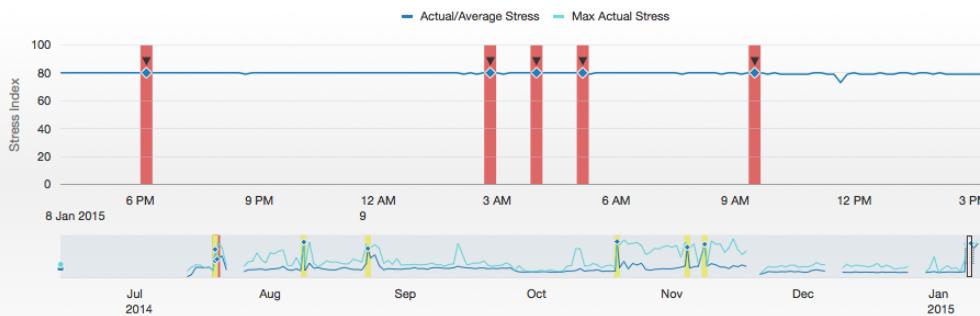
3

4

>

K

Stress Index History



Key Contributors to Stress

Application Commit Concurrency Configuration User I/O Host CPU Host Memory Host I/O



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BACKBONE IS

ember

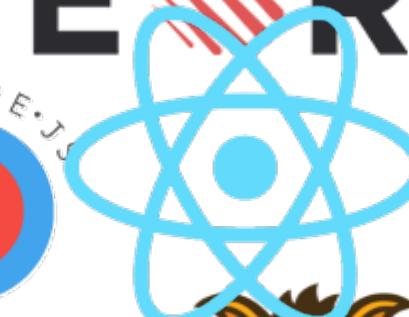


Ext JS
ANGULAR JS

by Google™

Knockout.

METE



juuery
write less, do more.

GRUNT





simple, flexible, fun



Protractor

end to end testing for AngularJS



YEOMAN



Twitter: @oraclejet

Different Libraries, Different Purposes

- **Application Frameworks & Libraries**
Angular, Knockout, Backbone, Ext, React, Ember
- **Component Libraries**
JQuery UI, Sencha, PrimeFaces
- **Module Systems**
RequireJS, Browserfy
- **Build Systems**
Grunt, Gulp, Brunch
- **Testing Frameworks**
Protractor, Jasmine, Qunit, Karma
- **Other:** Yeoman, Node.js, Bower



It's a Jungle Out There...



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



JET



jQuery



jQuery UI



Knockout



RequireJS



Hammer

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.
- For Oracle Cloud customers and recently on GitHub.

Demos.

JET Components Meet the Following Standards

- Two-way data binding
- Packaged as jQueryUI wrapped widgets
- Styled by default to meet the Alta UI style specifications (SASS based theming)
- All components meet Oracle NLS standards (i18n). Formatting for Currency, Numeric, and Date/Time (28 languages and 160+ locales)
- All components provide support for Oracle software localization standards (l10n). Including BiDi, and lazy resource loading
- All components meet OAG 2.0 standards for accessibility (based on WCAG 2.0)
- All components provide methods for test automation integration
- All components provide touch functionality where appropriate

Conclusions

- 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.
- For Oracle Cloud customers and recently on GitHub.

oraclejet.org

