

Oracle JET

An Enterprise Ready Technology
In A Fast Changing Developer Landscape



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Wat doet Oracle opeens met JavaScript?!


Op OpenWorld 2015 werd bekend gemaakt dat Oracle al een aantal jaar intern JavaScript gebruikt om Cloud applicaties te ontwikkelen. Data in de Cloud moet op duidelijke manieren gevisualiseerd kunnen worden. Nieuwe componenten geschreven in JavaScript, als onderdeel van het nieuwe Oracle JET (oraclejet.org) bieden daar oplossingen voor.

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 Steven
 Steven


About

12 Skills	6 Tenure
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Performance

5 Rating	2 Potential
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Compensation

24k	104
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Hire Date

Mar 1, 2009

Address

2004 Bellevue Ct
Seattle
Washington 98102 US

Manager



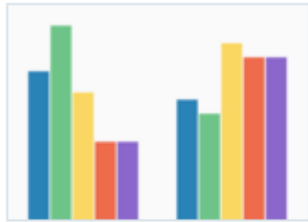
Steven King

Skills

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



Area Chart



Bar Chart



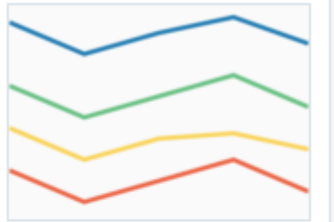
Bubble Chart



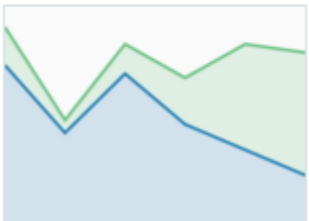
Combination Chart



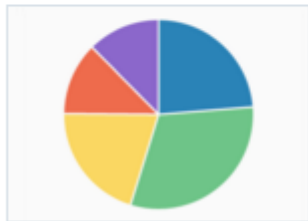
Funnel Chart



Line Chart



Line with Area Chart



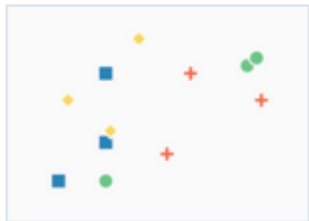
Pie Chart



Polar Chart



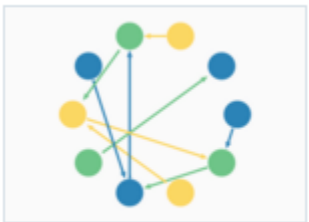
Range Chart



Scatter Chart



Spark Chart



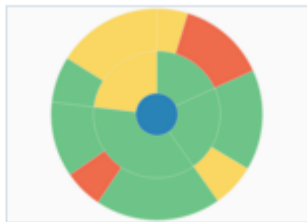
Diagram



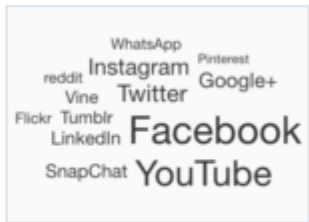
Legend



NBox



Sunburst



Tag Cloud



Thematic Map



BACKBONE.JS

ExtJS

ember



ANGULARJS

by Google

Knockout.

METEOR



React



JQuery

write less, do more.



GRUNT





iOS



ANDROID



ionic

simple, flexible, fun



YEOMAN



Protractor

end to end testing for AngularJS



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
- **ResponseJS & Foundation Interchange:** responsive JavaScript

Oracle JET
Oracle JavaScript Extension Toolkit
oraclejet.org



Oracle JET



JET



jQuery



jQuery UI



Knockout



RequireJS

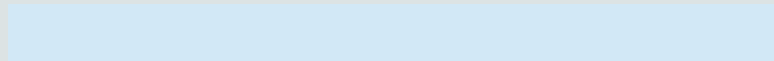


Hammer

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, next year, 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.
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