



SOFTWARE SOLUTIONS

Creating Custom Visualizations with Oracle Data Visualization SDK

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O R L A N D O





Kscope Sessions

Date	Time	Title	Speaker	Room
Monday, June 11, 2018	1:15 PM - 2:15 PM	Future-Proof Your Career: What Every Executive Needs to Know About Adaptive Intelligence	Tim Vlamis	Northern Hemisphere A3, Fifth Level
Monday, June 11, 2018	2:30 PM - 3:30 PM	Advanced Visualizations for Data Discovery and Exploration in Oracle DV	Arthur Dayton	Northern Hemisphere A1, Fifth Level
Tuesday, June 12, 2018	9:00 AM - 10:00 AM	Three Steps Ahead: Making and Visualizing Predictions and Forecasts	Tim Vlamis	Northern Hemisphere A2, Fifth Level
Wednesday, June 13, 2018	2:15 PM - 3:15 PM	Do the Mashup: How to Get BI Self-Service Data Connections Right	Arthur Dayton	Asia 4, Lobby/Third Level

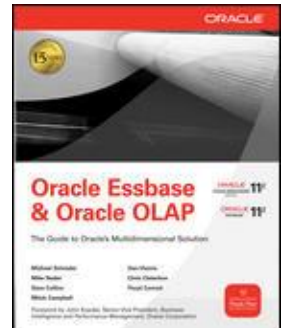
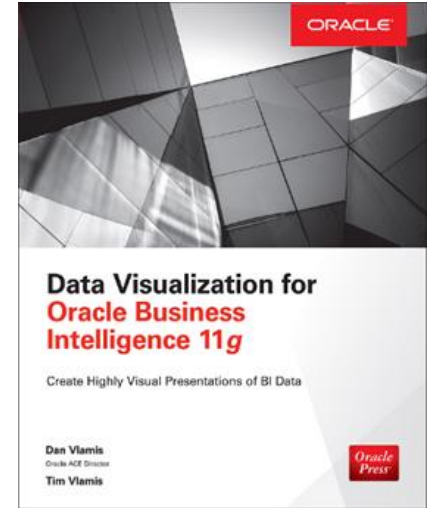


Agenda

- Why use Data Visualization SDK
- What's good and bad
- Getting started
- Examples
- Q&A

Vlamis Software Solutions

- Vlamis Software founded in 1992 in Kansas City, Missouri
- Developed 200+ Oracle BI and analytics systems
- Specializes in Oracle-based:
 - Enterprise Business Intelligence & Analytics
 - Analytic Warehousing
 - Data Mining and Predictive Analytics
 - Data Visualization
- Multiple Oracle ACEs, consultants average 15+ years
- www.vlamis.com (blog, papers, newsletters, services)
- Co-authors of book “Data Visualization for OBI 11g”
- Co-author of book “Oracle Essbase & Oracle OLAP”
- Oracle University Partner
- Oracle Gold Partner



Specialized
Oracle Business Intelligence
Foundation Suite 11g



Presenter Background

Arthur Dayton – Senior Consultant

- Oracle Ace Associate
- Oracle Spatial and Graph SIG Education Chair
- Instructor University of Nebraska at Omaha Information Systems and Quantitative Analysis Program
- ODTUG BI Community Volunteer
- @arthurdayton116
- <https://www.linkedin.com/in/arthurdayton/>



Resources

<https://d3js.org/>

<https://nodejs.org/en/>

<https://www.oracle.com/solutions/business-analytics/data-visualization/library.html>

http://www.oracle.com/webfolder/technetwork/tutorials/obe/fmw/bi/dvdesktop/viz_plugin/dvd_sdk.html



What's bad

- Documentation is there but sparse
- Not a large community to reach out to if you are struggling
- Hard to interact with some of the interface
- Normal new issues



What's Good

- Finally able to build custom visuals that can act like delivered visuals
- Excellent beginning tutorial and relatively easy to get started
- Uses web technologies - JavaScript, HTML and CSS
- Visuals are built using widely used open source libraries like D3 and jQuery
- Lots of examples
- You can embed your own libraries

