




cfImage and SparkLineCFC

DATA VISUALIZATION



Who am I?

- Fred Anderson
 - Senior ColdFusion Developer w/ Wolfnet Technologies.
 - 2D/3D Graphics (racing games etc...)
 - I like Sports Gambling (handicapping)
 - I like GO! (board game)
 - My Blog: DashCapper.com
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What is Data Visualization?


- For the most part, everything.
- 45 minutes?
- Gradient, Binary and Pattern.
- Chernoff Faces
http://en.wikipedia.org/wiki/Chernoff_faces
- Game of GO!

Real World Examples

- Dashboards
- USA Today
- Elections, Demographic Data
- Stocks, Financial Data
- HUDs
- Weather and Maps
- <http://www.smashingmagazine.com/2007/08/02/data-visualization-modern-approaches/>




Simple cfImage Examples

- State Map
 - Code Example
 - Gradient Chart
 - Code Example
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Introducing SparklineCFC

- History of Sparklines (Edward Tufte)
 - SparklineCFC vs CFChart
 - Open Source sparklinecfc.RIAForge.org
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SparklineCFC Examples

- PieChart.cfc
 - Code Example
 - BarChart.cfc
 - Code Example
 - WinLossChart.cfc
 - Code Example
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Questions?

References

- O'Reilly Books Visualizing Data – Ben Fry
- Processing.org
- Edward Tufte
<http://www.edwardtufte.com/tufte/>
- BonaVista Microcharts (Excel)
<http://www.bonavistasystems.com>
- Dashboard Spy <http://dashboardspy.com/>
- Praise be to Wikipedia



The Game of GO!

- A.k.a. WeiQi, Baduk, Igo
 - Pattern Matching
 - People vs CPU
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