Next Generation Dashboards

Stephen Luedtke | Sr. Technical Marketing Manager

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About Me

- ~4 Years @ Splunk
  - 2 Professional Services
  - 2 Technical Marketing
What Are We Talkin’ About?
Agenda

Splunk Dashboards

• Tips n’ tricks & Examples (No Coding Necessary!)
• Custom Visualizations / Demo
• Resources (Apps, Blogs and the like)
• Q&A
Tips n’ Tricks
Common Improvements

Tips n’ Tricks

- Colored Themes / Transparency
- Single Value Icons
- Images
- Geographic
- Custom Visualizations
- Custom Panel Widths
- Trellis (new in 6.6!)
- Link Switchers / Tokens / Forms
- Chart Overlays
- Iframes
Colored Themes / Transparency
Single Value Icons
Geographic
Custom Visualizations
Custom Panel Widths
Trellis
iFrames, Images, Chart Overlays
Putting It All Together
Custom Visualizations
### Native Visualizations In Splunk

- **Native charts and maps**
  - Bar / Line / Area charts
  - Bubble / Scatter plots
  - Gauges
  - Maps
  - Single Value Displays
  - Tables

- Generalized to fit use cases across many different areas
- Can be customized to some extent to cover specific use cases

![Graphical representation](image-url)

- $66.35 \uparrow 20.86\%$
- Compared to 1 year before

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Custom Visualizations FTW!

- Many use cases require a more specific visualization
- Specific custom appearance
- Represent data where native visualizations are not suitable
  - You can Splunk everything!
  - We won’t be able to predict every possible use case
  - Still uses SPL to drive visualizations
Custom Visualizations

- Platform **extensibility** framework and API
- Targeted at internal and external **developers** with web development / JS skills and basic knowledge of the Splunk platform
- Developers can make use of any third party libraries (d3.js, three.js, highcharts.js, etc…) that run in the browser*

* with minor adjustments, and if third party license permits such use
Custom Visualizations For Admins

- Packaged as an app!
- Installed like any other app
- Users can search for visualizations on Splunkbase and directly in the product
Custom Visualizations How-to

- Choose from potentially dozens of installed visualizations!
- Appears as a first-class citizen alongside native visualizations
  - Looks and works just like packaged native visualizations
- Customize functionality and appearance of the visualization without touching any code, straight from the UI
- SPL Example provided as you hover over each visualization option
New Splunk Visualizations

- Punchcard
- Calendar Heat Map
- Location Tracker
- Sankey Diagram
- Bullet Graph
- Timeline
- Treemap
- Horseshoe Meter
- Parallel Coordinates
- Horizon Chart
- Machine Learning Charts

Multiple use cases across IT, security, IoT, and business analytics
New Partner/Community Visualizations

- Heat Map
- Box Plot
- Wordcloud
- Donut Chart
- 3D scatter plot
- Water Gauge
New Partner/Community Visualizations (cont)

Geo Heatmap

Clustered Single Value Map

Custom Cluster Map

Missile Map
Live Demo
Resources

- Dashboard Digest Series Blog (7 Posts so far)
- Dashboard Examples App
- Splunk 6.5 Overview App
- Splunkbase Custom Visualizations
- Docs
Thank You

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