

# OpenVis Conference Overview

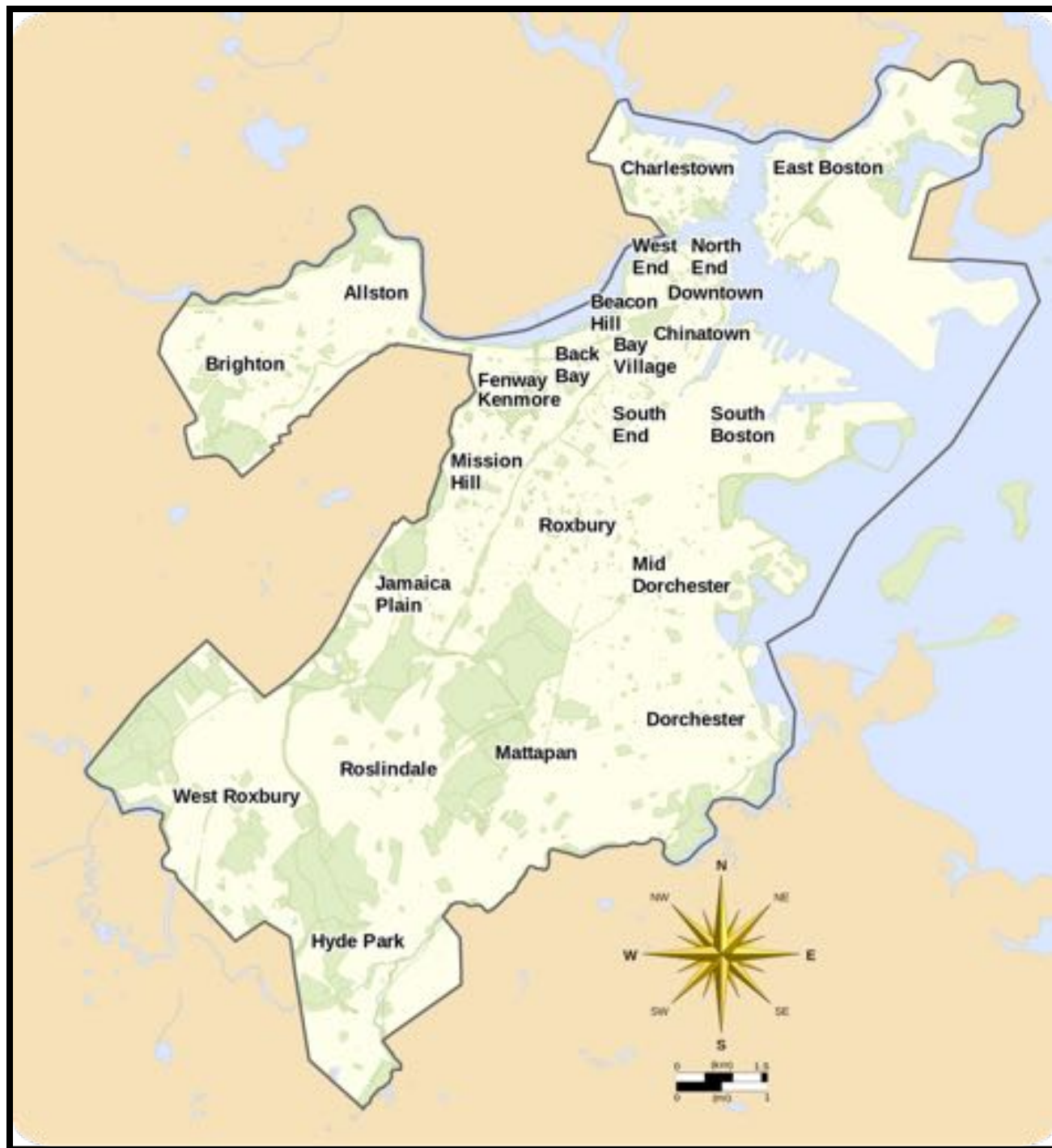
Bret Davidson | October 7th, 2015

What is it?

OpenVis Conf is a two-day, single track conference about the practice of visualizing data on the web. Speakers will discuss best practices for data processing, storytelling, visual design, code structure and implementation using the latest and greatest technology and tools on the Open Web.

Boston, MA

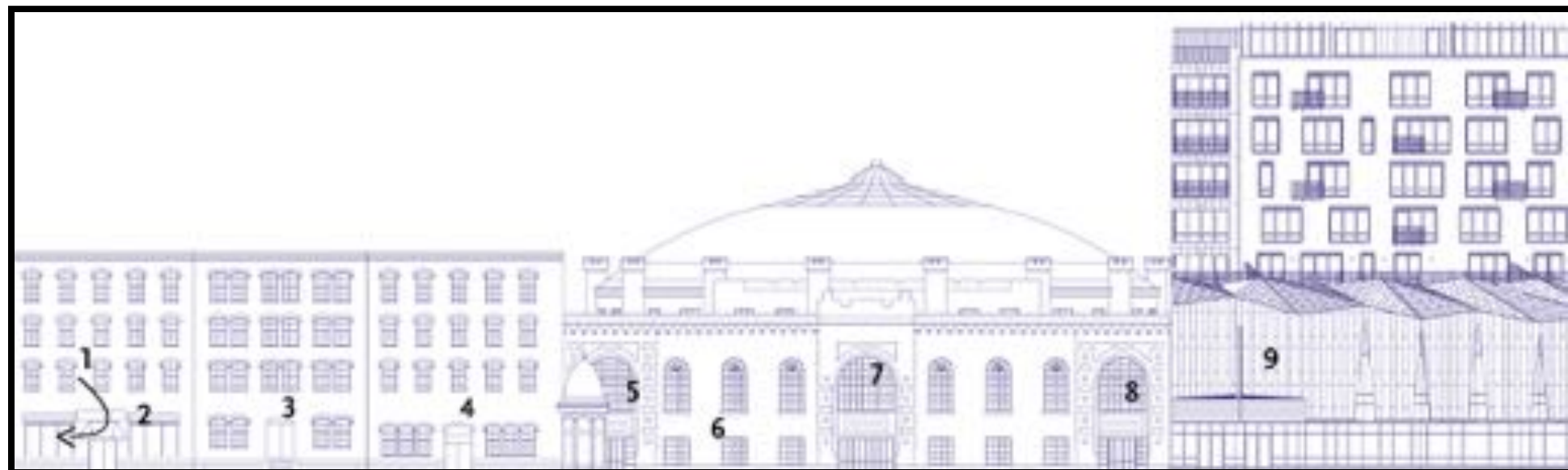
April 6-7, 2015



Largest intact Victorian row house district in  
the country.













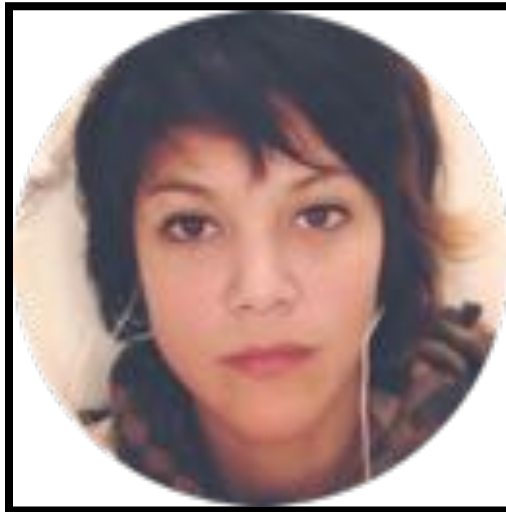


Who was there?

# Nigel Holmes



# Lauren McCarthy



# Jeff Heer



OpenVis Conf retweeted



**Jason Sundram** @jsundram · Apr 6

[@jeffrey\\_heer](#) warns of the dangers of "premature fixation" on a particular idea, preventing the discovery of deeper insights  
[#openvisconf](#)

RETWEETS

3

FAVORITES

4



7:03 AM - 6 Apr 2015 · Details





## Data distributions in designs



## Data distributions in reality



Every. Damn. Time.



Pablo H. Paladino @palamago · Apr 6

Nice presentation of @awoodruff about [fmaps](#) and [fdataviz](#) in [fopenvisconf](#)  
[axi/maps.github.io/blindfolded-ca...](#)



43



36





OpenVis Conf retweeted



**Lynn Cherny** @amicas · Apr 6

Something about size and quality of this community, when so many speakers cite work by other speakers [#openvisconf](#)

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8:46 AM - 6 Apr 2015 · Details





**Tom Crockett**

@pelotom

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"Open data is in some sense more important than open source." @cambecc at #openvisconf



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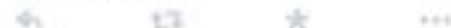
FAVORITES

11



1:57 PM - 7 Apr 2015

📍 Boston, MA



# Project Show and Tell

Ease-of-Use



## **Chart Typologies**

Excel, Many Eyes, Google Charts

## **Visual Analysis Grammars**

VizQL, ggplot2

## **Visualization Grammars**

Protovis, D3.js


## **Component Architectures**

Prefuse, Flare, Improvise, VTK

## **Graphics APIs**

Processing, OpenGL, Java2D

Expressiveness



Voyager

Polestar

Lyra

Vegalite

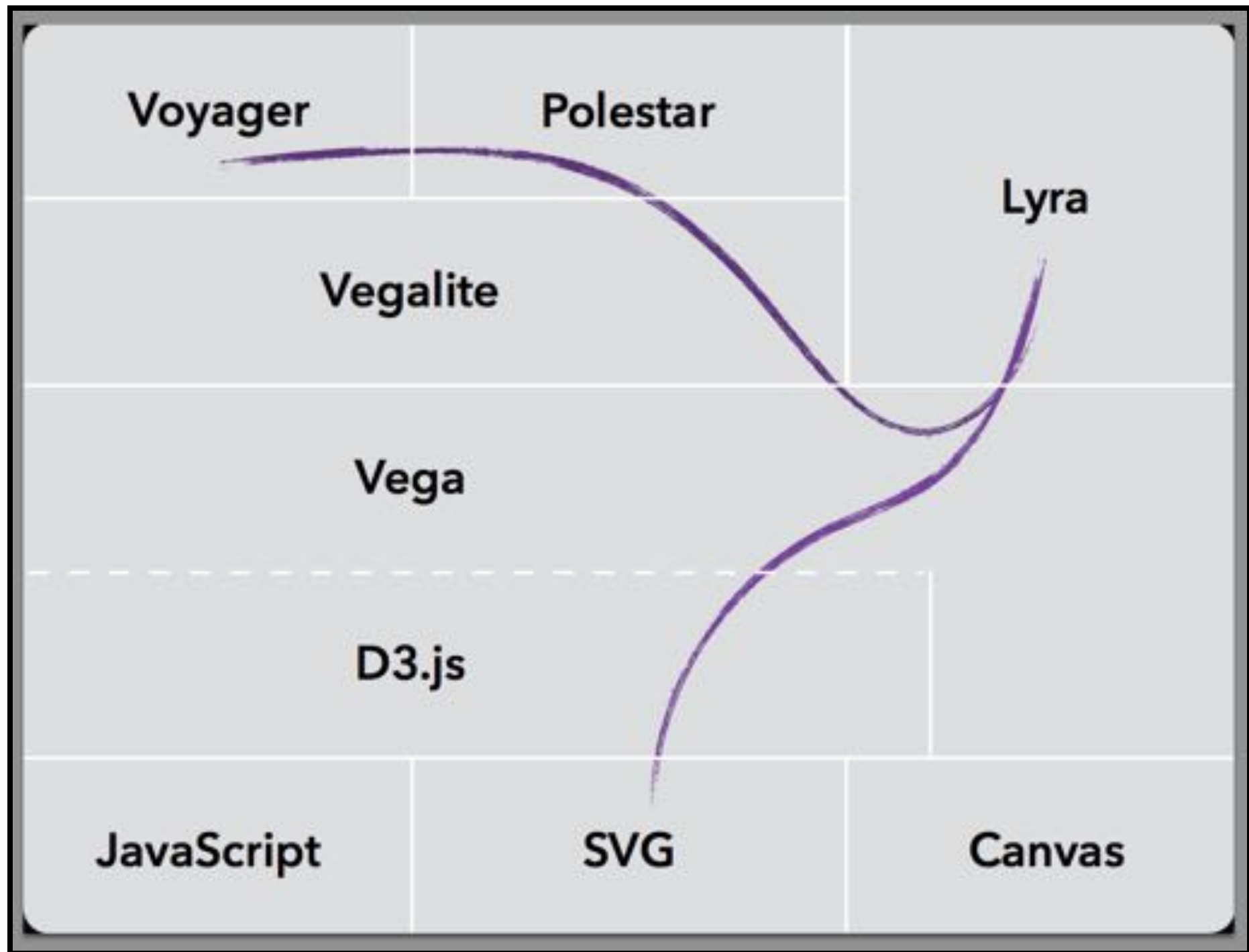
Vega

D3.js

JavaScript

SVG

Canvas



# Vega

With Vega you can describe data visualizations in a JSON format, and generate interactive views using either Canvas or SVG.



Vega Editor

# Data Voyager

Polestar

# UW Interactive Data Lab

[idl.cs.washington.edu/](http://idl.cs.washington.edu/)

Trends?

Open Tooling

# Community Development



# Predictive Visualization

# Persuasive Visualization

# Data Integration

Worth it?



OpenVis Conf retweeted



**Kenneth Field** @kennethfield · Apr 6

Day 1 of #openvisconf talks done & gotta say it's obscenely high on quality. Rewarded for stepping outside my normal carto circles.

RETWEET

1

FAVORITES

5



3:53 PM · 6 Apr 2015 · Details





**Ben Kimball** @benkimball · Apr 7

Friendliest conference ever. #openvisconf

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FAVORITE

1



2:55 PM - 7 Apr 2015 · Details





OpenVis Conf Retweeted



**Mariko Kosaka** @kosamari · Apr 27

Talk slides are data vis right ? I used small multiples, gif, and scatter plot in mine all because I attended [@OpenVisConf](#) this year.

RETWEETS

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FAVORITES

4



12:36 PM - 27 Apr 2015 - Details





OpenVis Conf Retweeted



**Mariko Kosaka** @kosemari · Jun 28

Yey quick sort scarf is done! I always wanted to mix 2 of my favorites  
- datavis & knit! Image generated by d3.js ❤️



395



711



[View conversation](#)



**Mariko Kosaka** @kosamarl · Jun 28

Yey quick sort scarf is done! I always wanted to mix 2 of my favorites - datavis & knit! Image generated by d3.js ❤️



395



711



# Thanks!

[openvisconf.com/](https://openvisconf.com/)