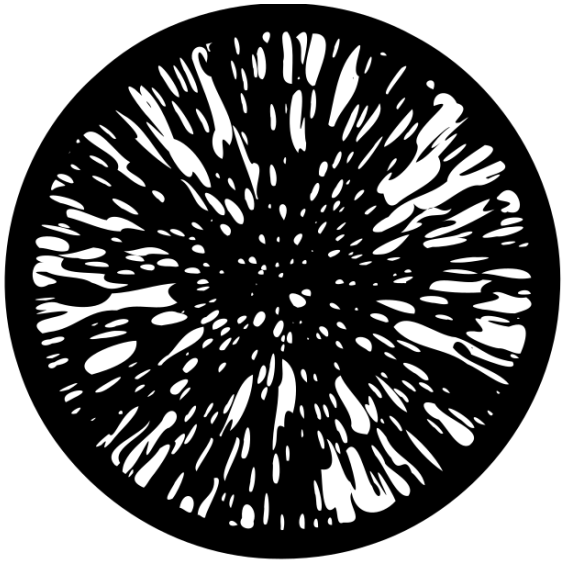
WARP 10 MEETUP

For your eyes only

Update on visual components

Horacio Gonzalez
@LostInBrittany



WARP 10 MEETUP

2017-11-24

Finist Devs

la cantine BREST

Le Télégramme

Whaoo!

Horacio Gonzalez

@LostInBrittany

Spaniard lost in Brittany, developer, dreamer and all-around geek

Cityzen Data

http://cityzendata.com

WARP 10

Finist Devs

GDG Finistère

Breizh C@mp

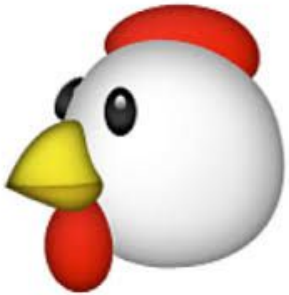
Mix de technologies

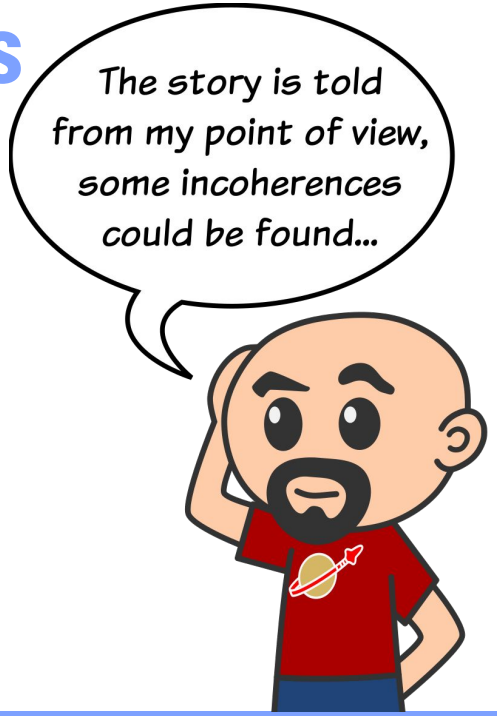
Google Developers Experts 2015

Web Technologies GDE

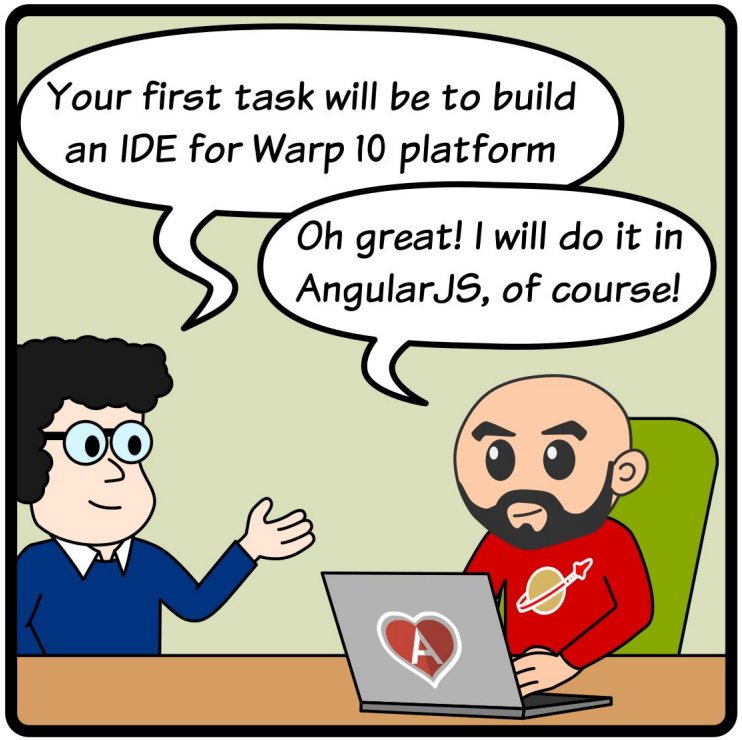
Let me tell you a story...

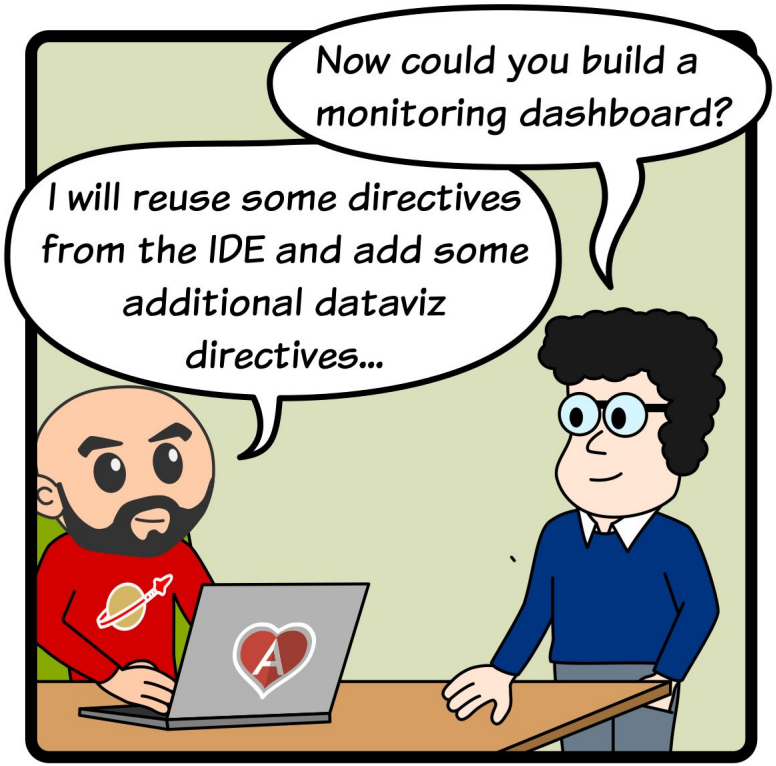
Because context matters



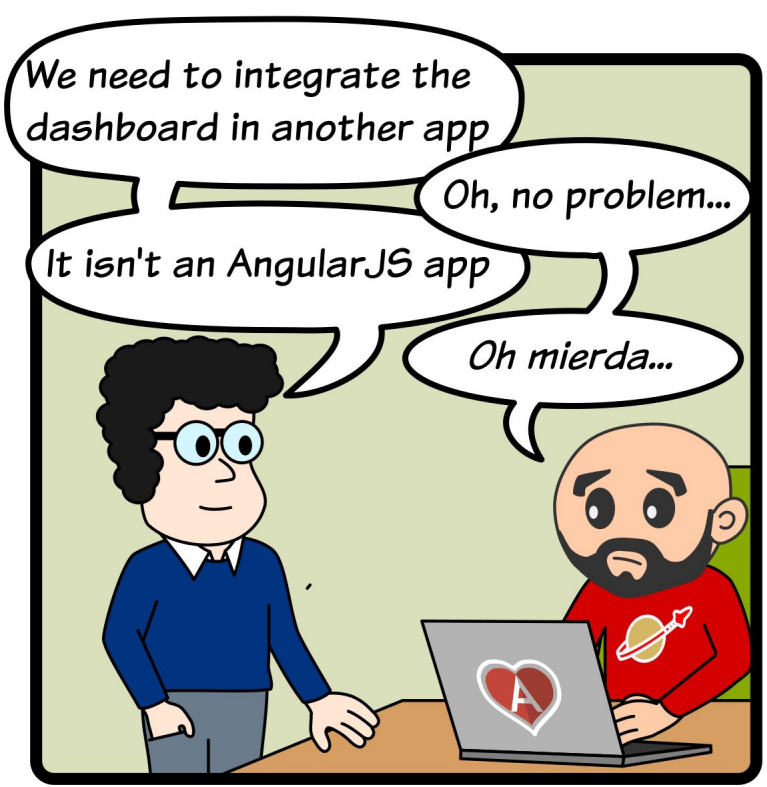


A long time ago in an incubator far, far away...

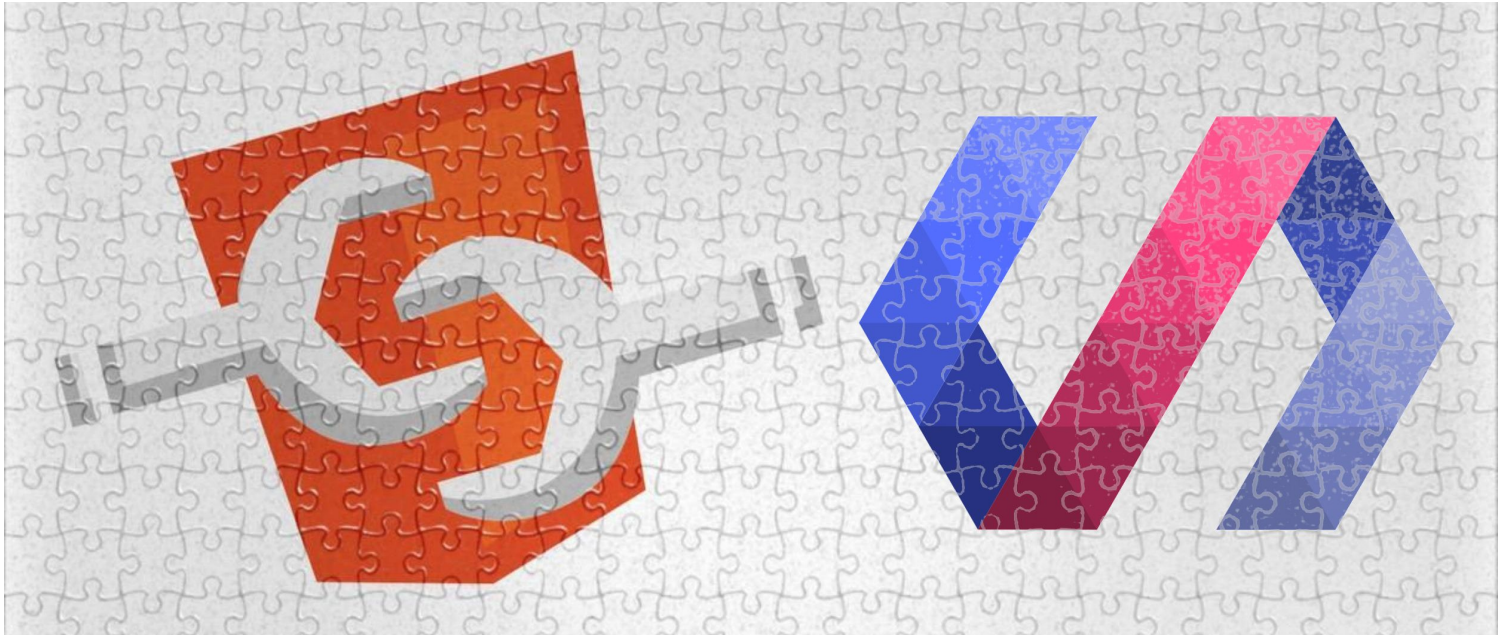




Until we hit a wall

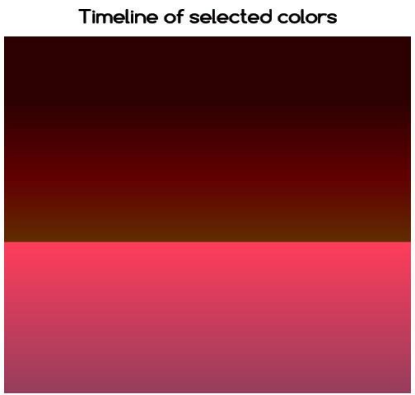


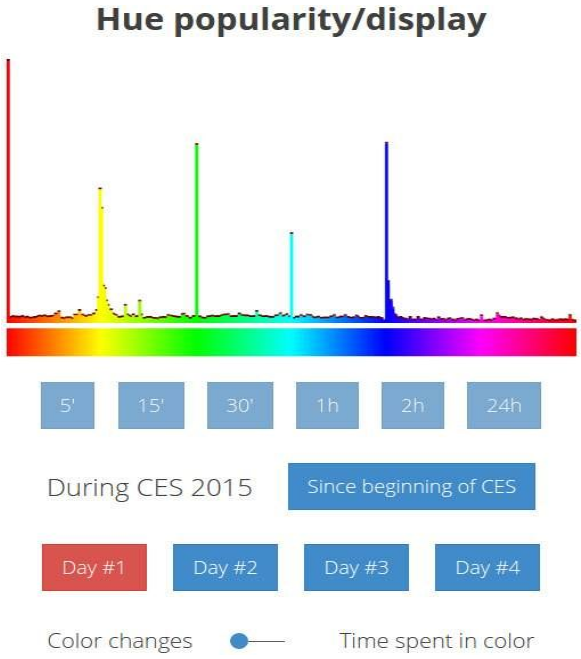
Enter Web Components & Polymer



A modular approach to webapps

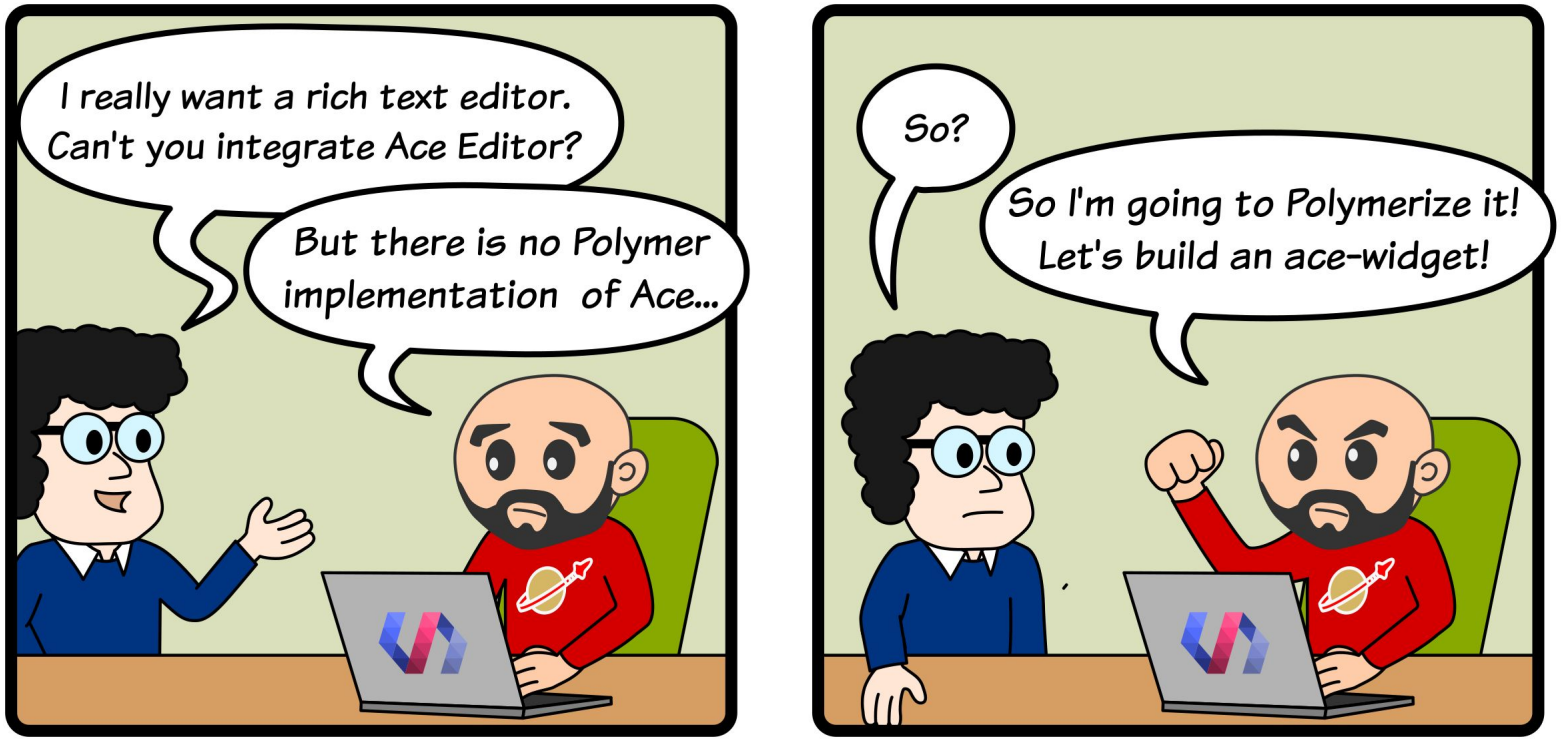
So we began to build with Polymer



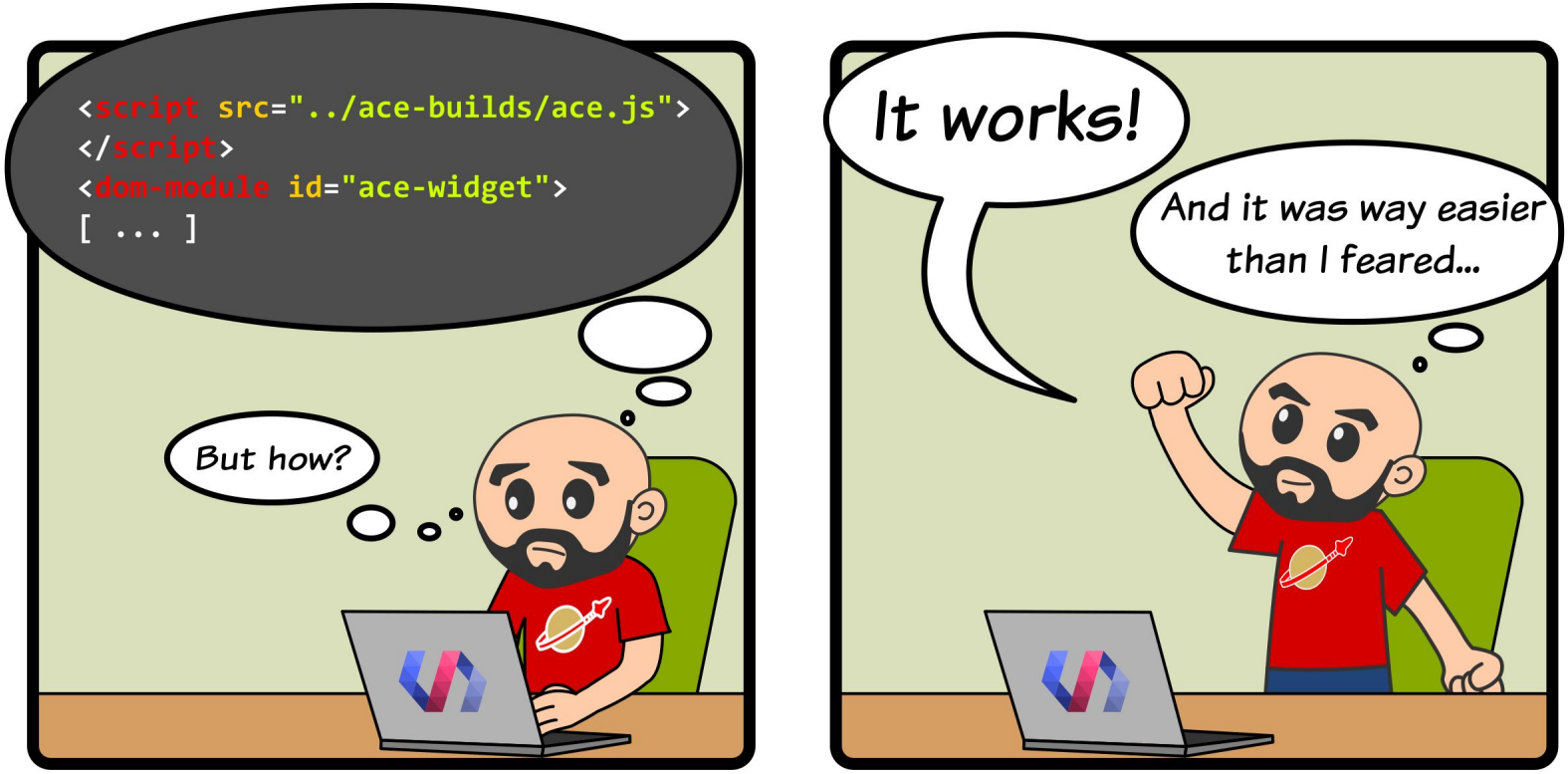


Our first Polymer app in production on 2014

Learning to Polymerize...



And it doesn't hurt... too much



Let's try something harder...

dygraphs Documentation Examples Play Download Community Contribute

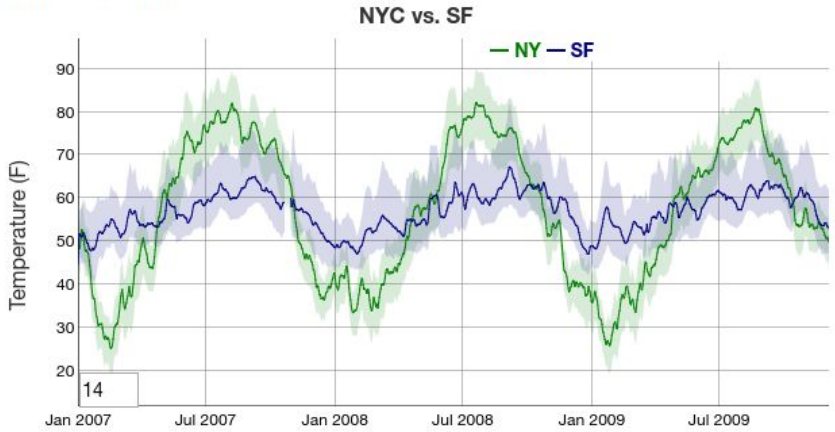
dygraphs is a fast, flexible open source JavaScript charting library.

It allows users to explore and interpret dense data sets. Here's how it works:

This JavaScript...

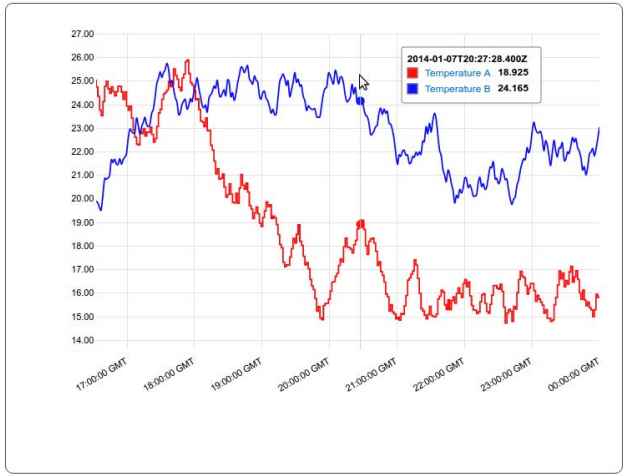
```
new Dygraph(div, "ny-vs-sf.txt", {
  legend: 'always',
  title: 'NYC vs. SF',
  showRoller: true,
  rollPeriod: 14,
  customBars: true,
  ylabel: 'Temperature (F)',
});
```

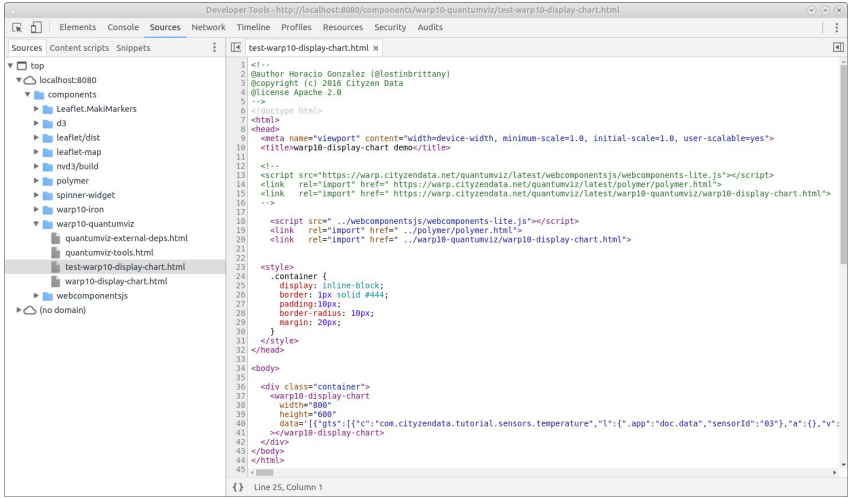
...makes this chart!



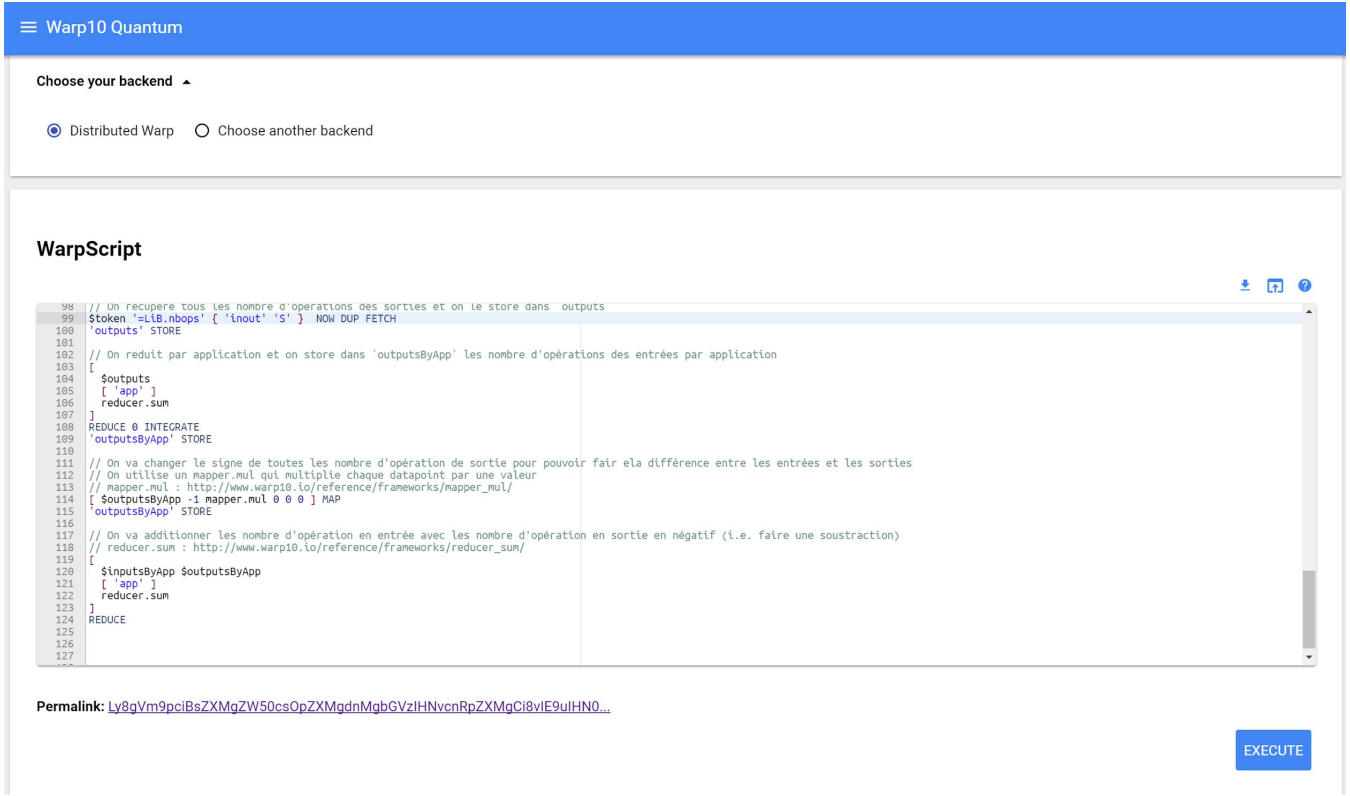
The chart is *interactive*: you can mouse over to highlight individual values. You can click and drag to zoom. Double-clicking will zoom you back out. Shift-drag will pan. You can change the number and hit enter to adjust the averaging period.

And the result is as easy and painless...

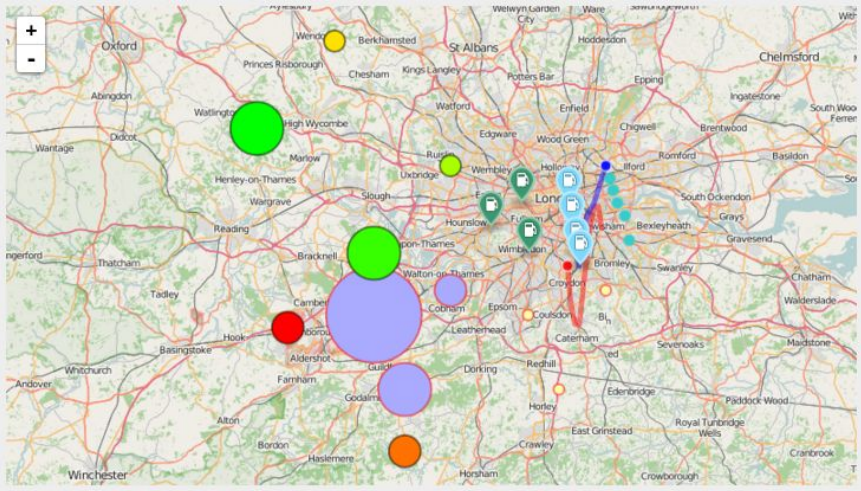




Quantum, an IDE for Warp 10

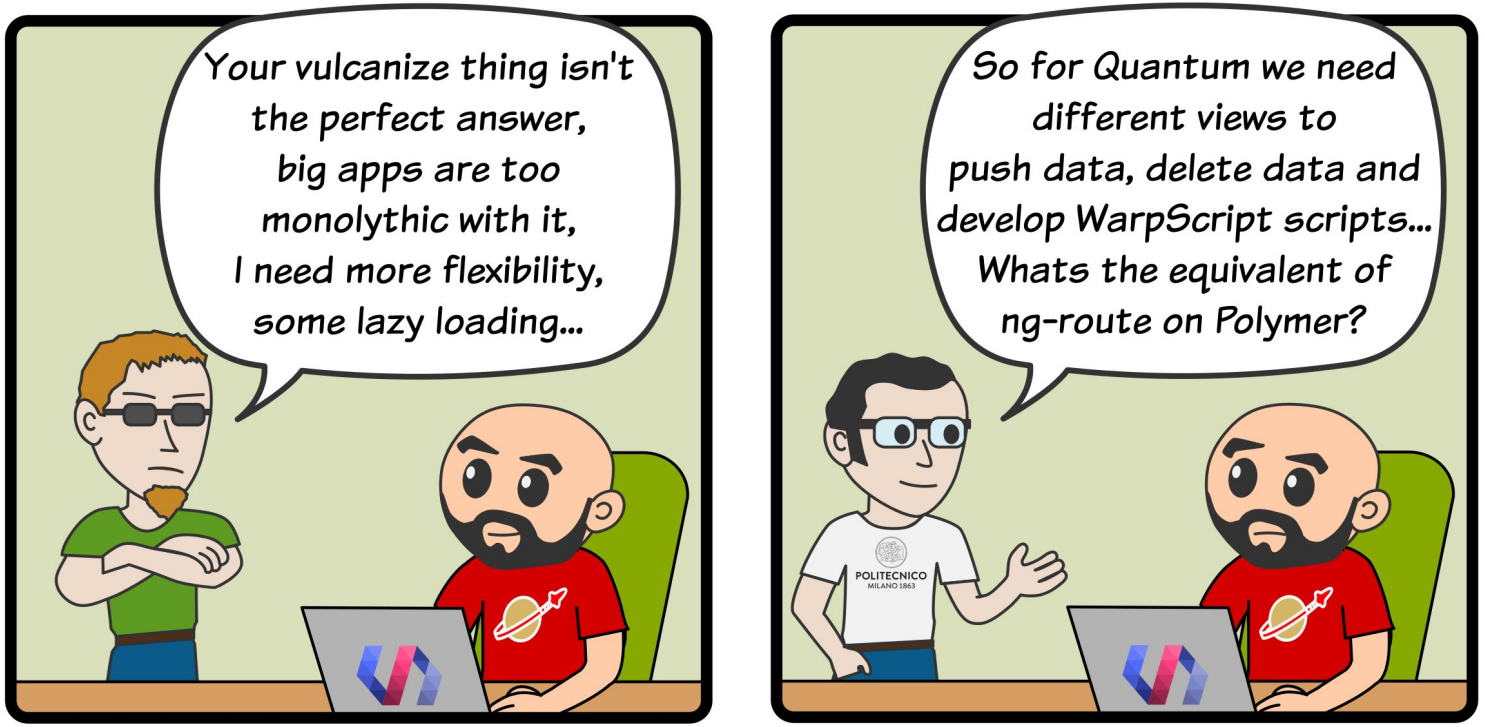


QuantumViz / GeoQuantumViz

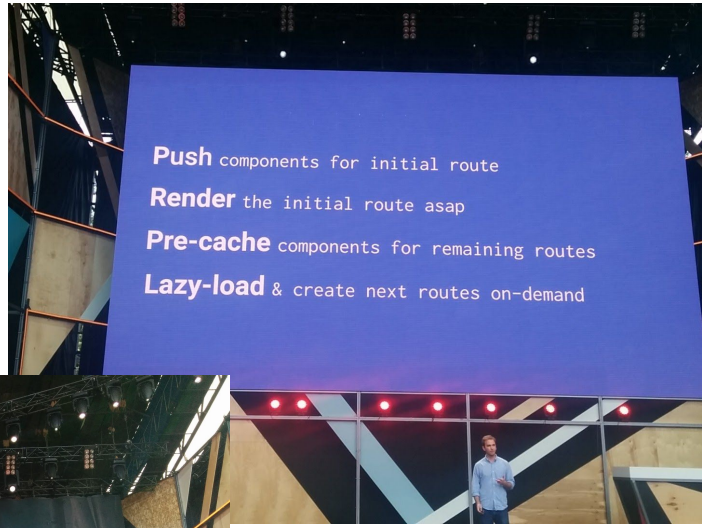


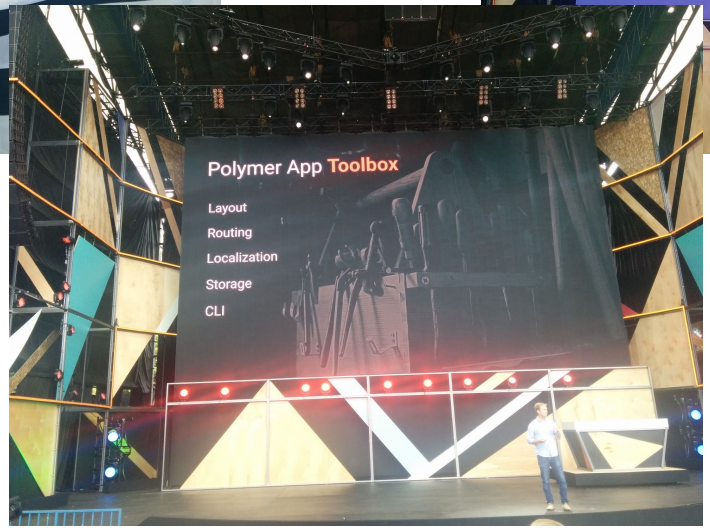
Visualization widgets for Warp 10

But was it production ready?



Google I/O 2016: Polymer App-Toolbox



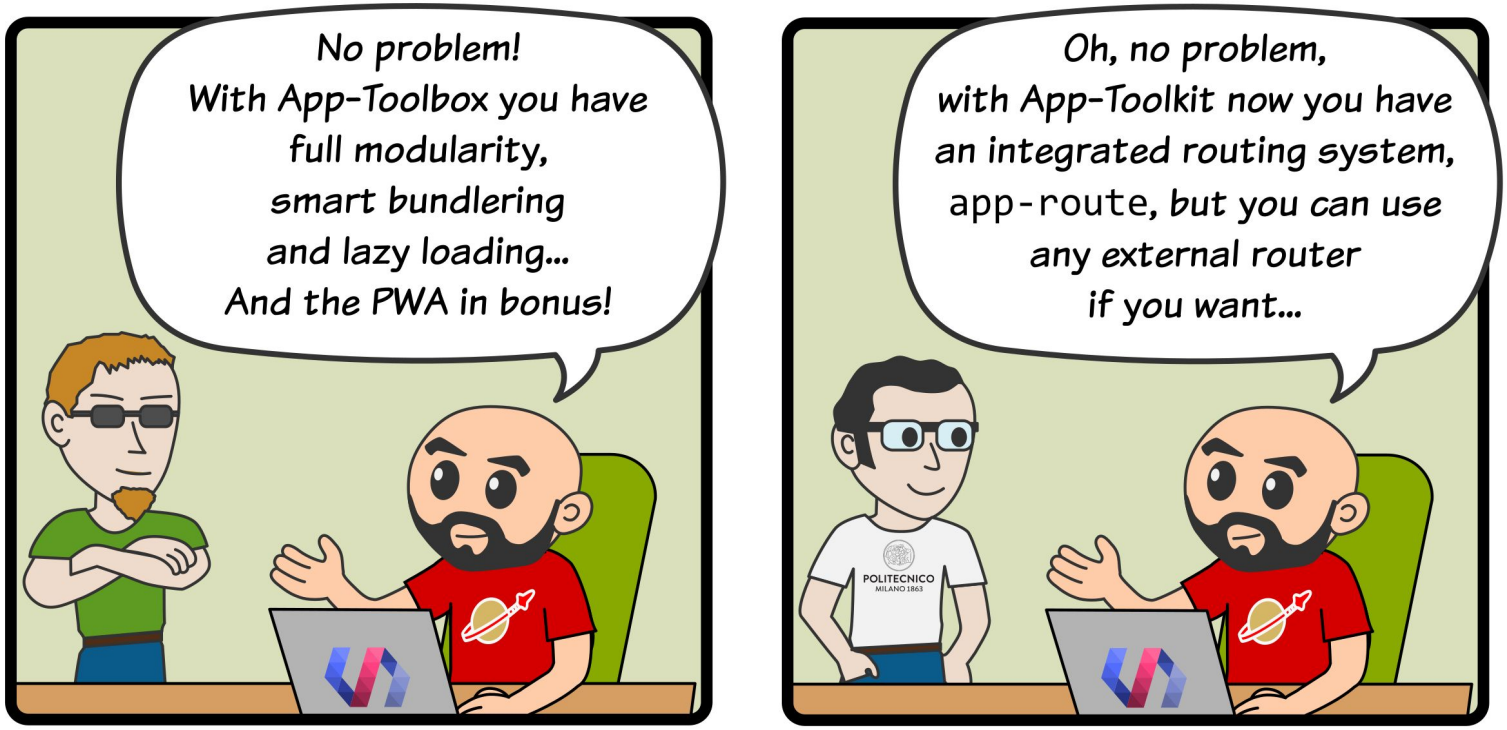


Polymer App-Toolbox

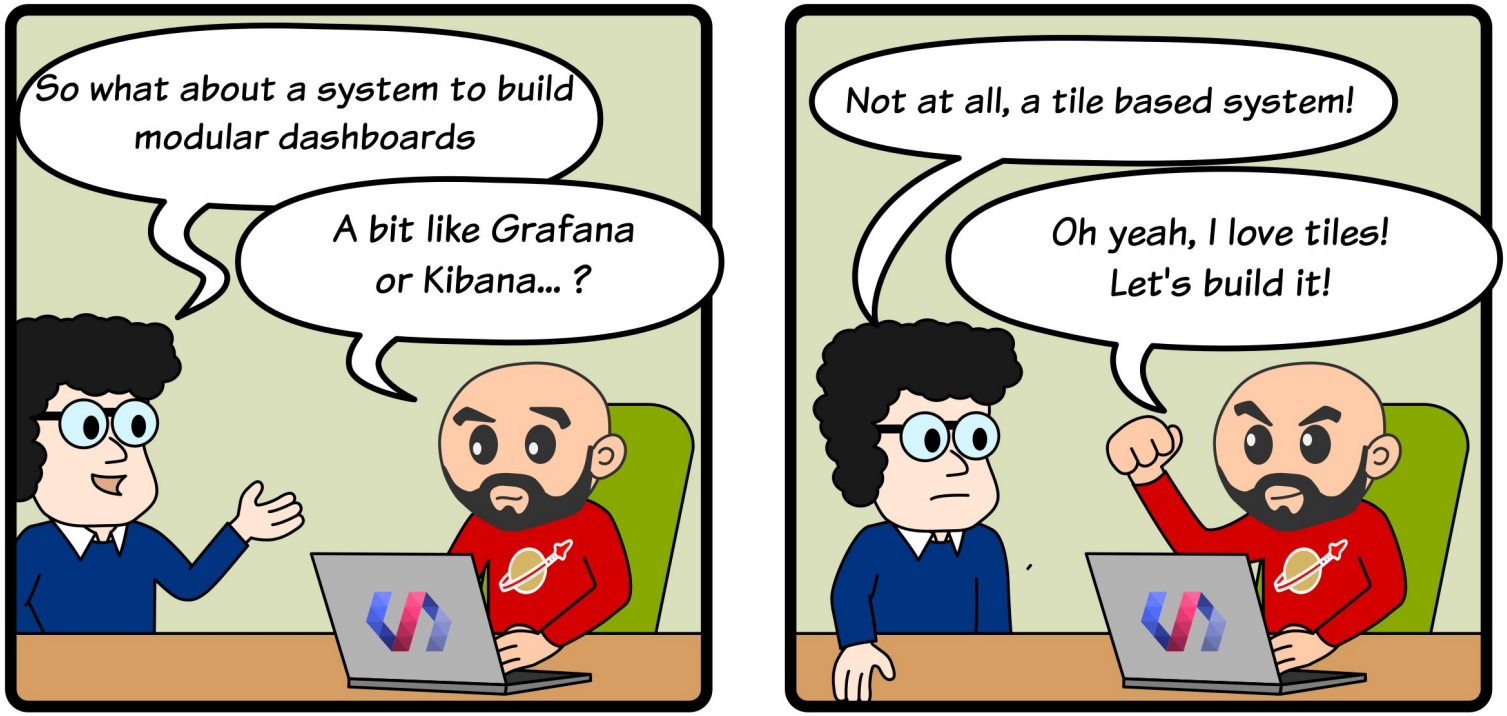
Everything you needed to build big apps

- app-layout elements
- app-route
- app-localize-behavior
- app-storage
- Polymer CLI

And then we were feature-complete

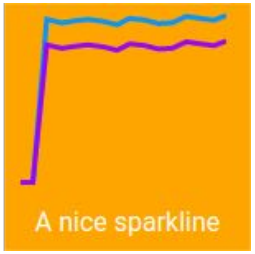


And a new challenge could emerge



warp10-tiles

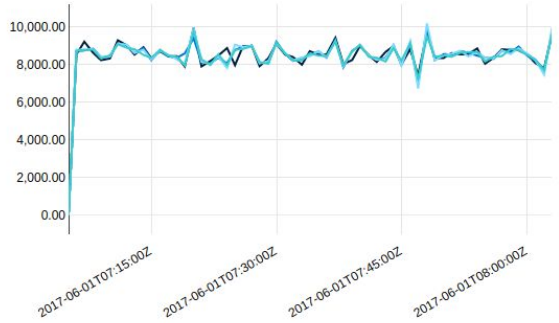
bricks for quickly assemble tile-based dashboards



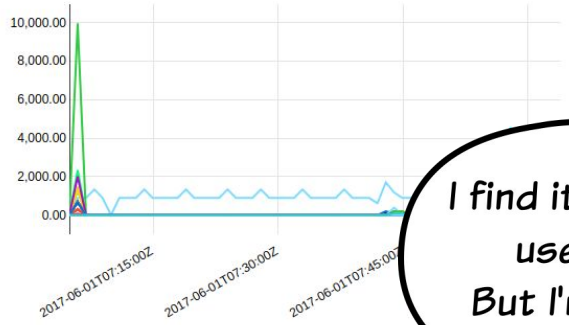
@LostInBrittany

Our first monitoring dashboards

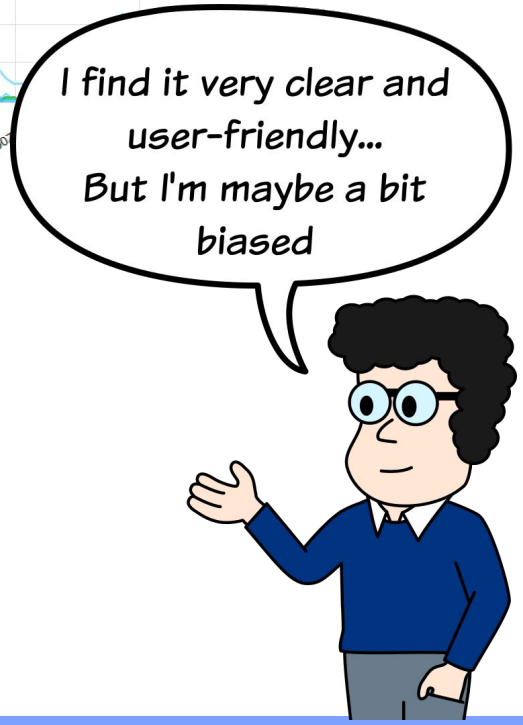
HBase puts per second per store



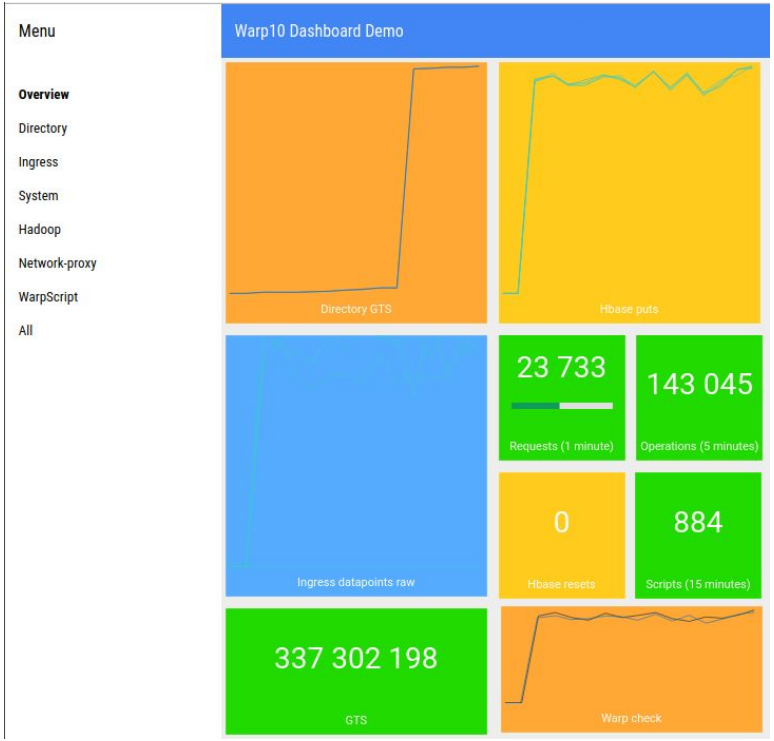
HBase read requests per second per RegionServer



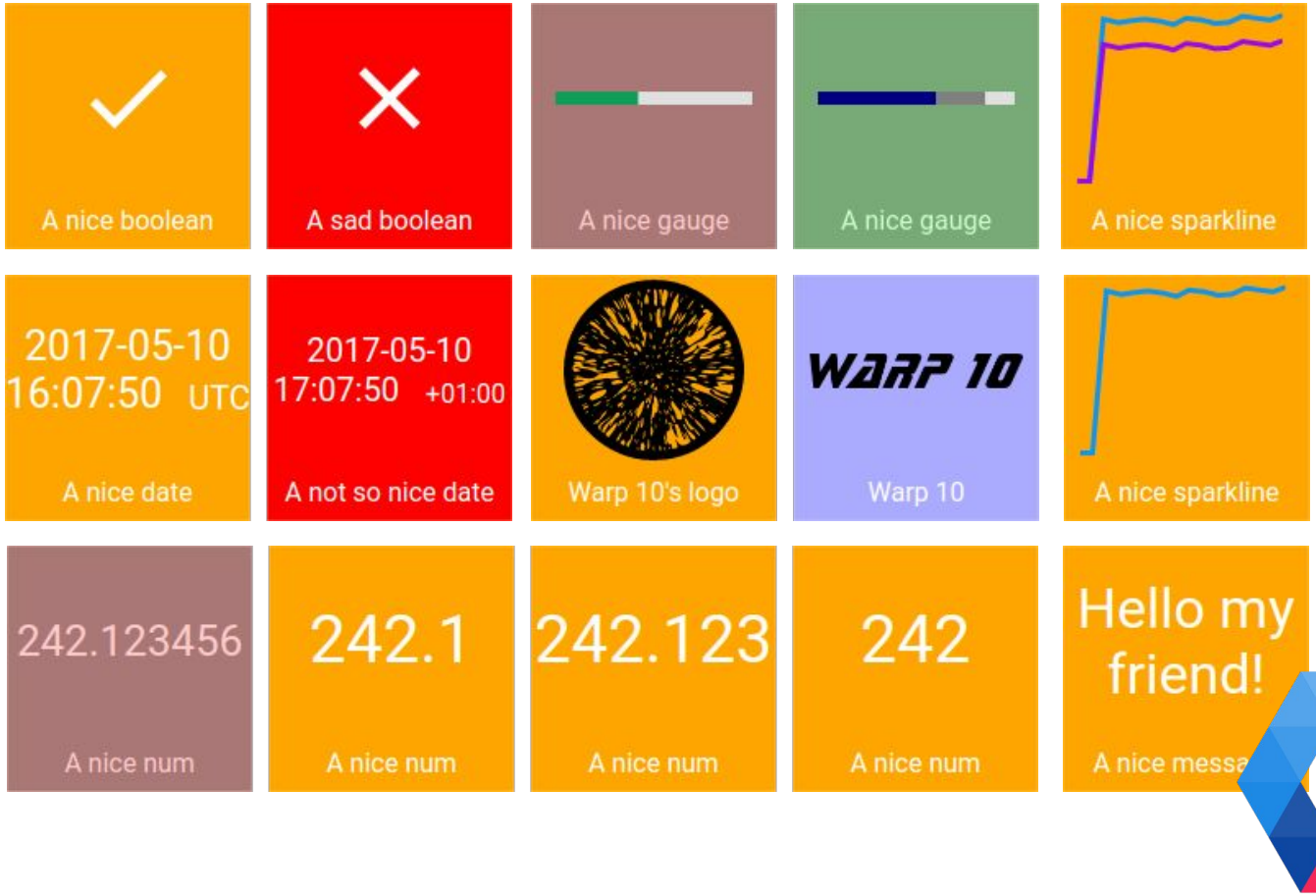
HBase write requests per second per RegionServer



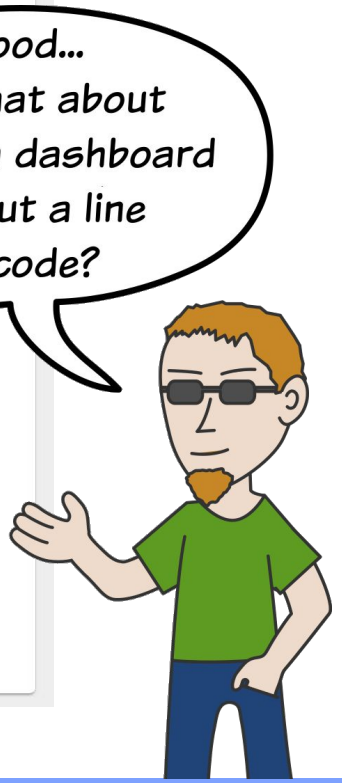
A modular approach for dashboards



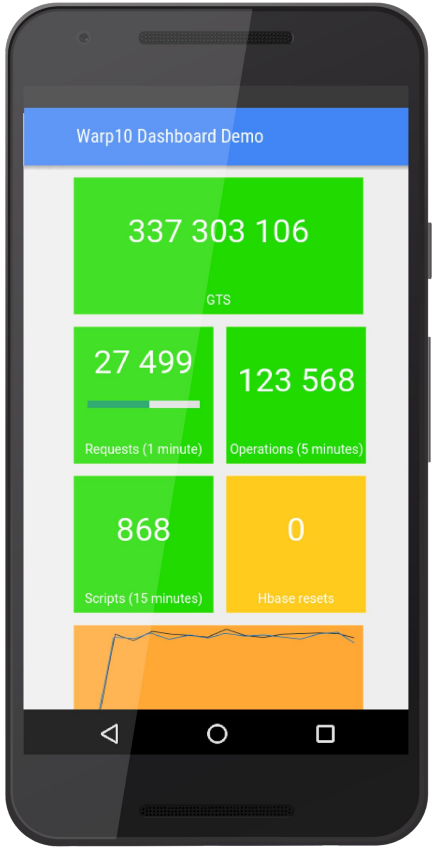
Fast-forward to a v.2



Monitoring industrial IoT



Easy and painless PWA



Warp 10 and the Dataviz

Hero or menace?

For us Dataviz is a two edged sword

Not our business but we can't ignore it

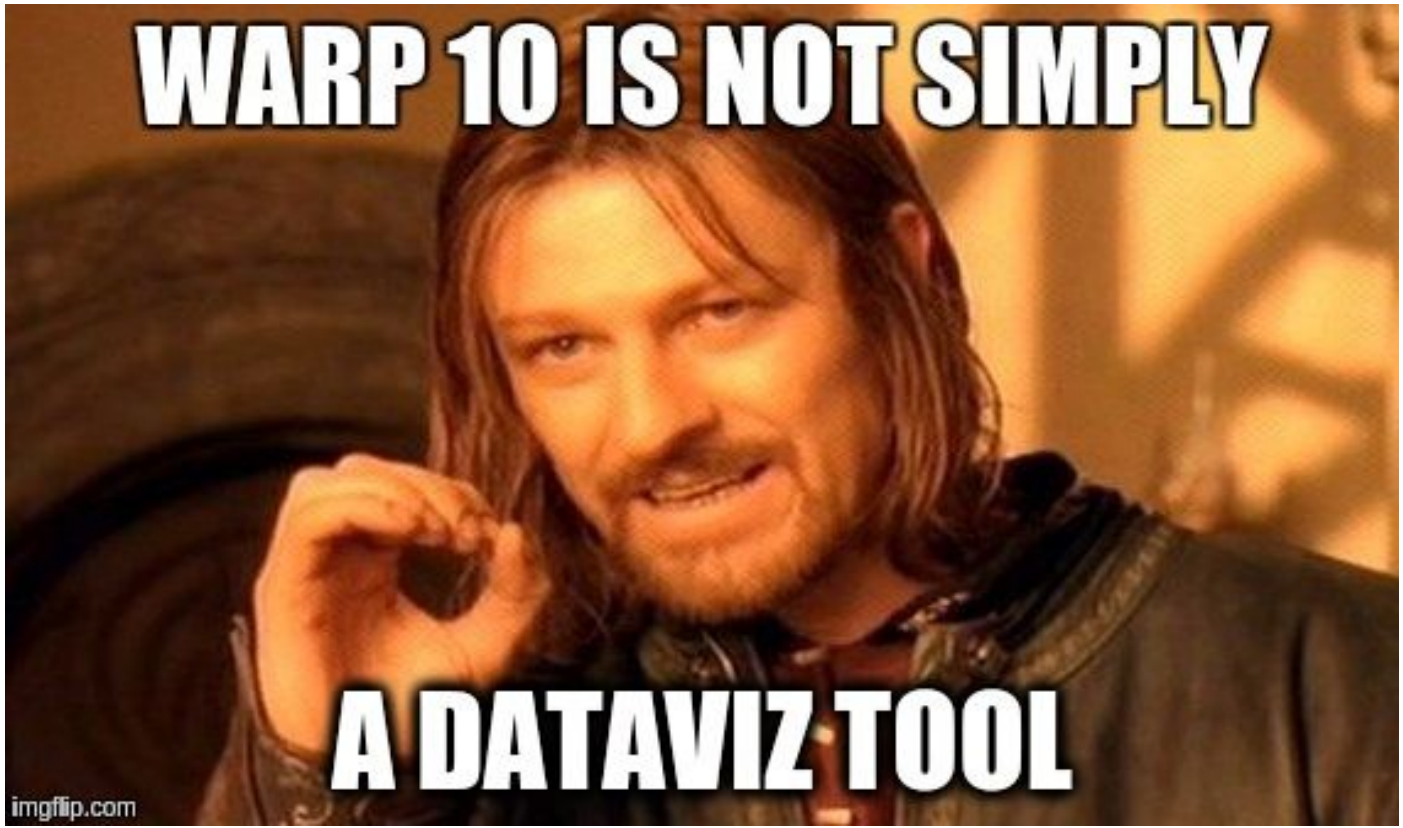
Dataviz without data means nothing

It's the icing on the cake

Yet many customers think dataviz is all

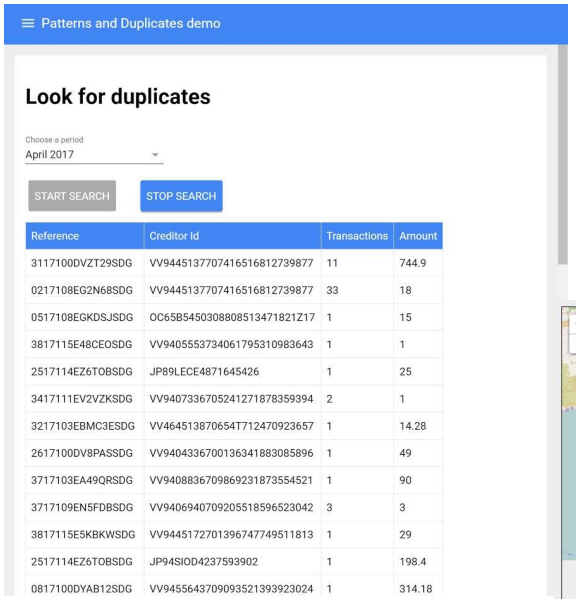
And are rather vocal about it

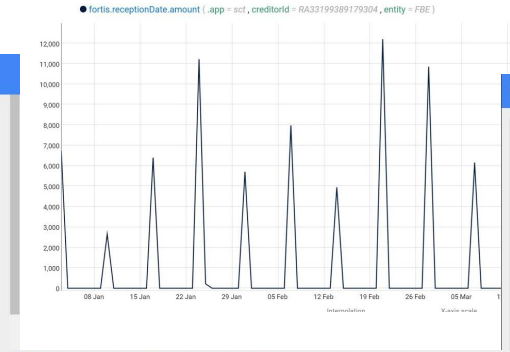
Danger of misconception

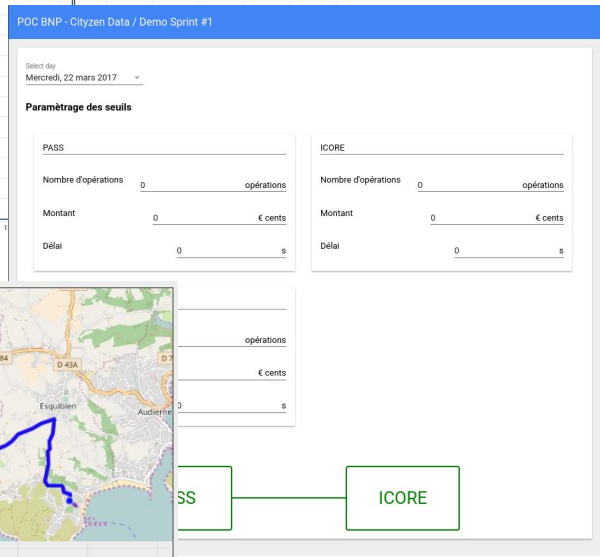


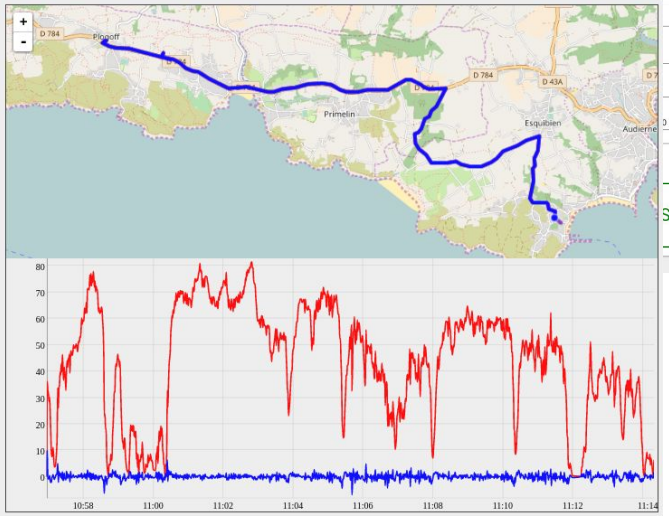
Danger of polarization

A bit of dataviz can make a difference

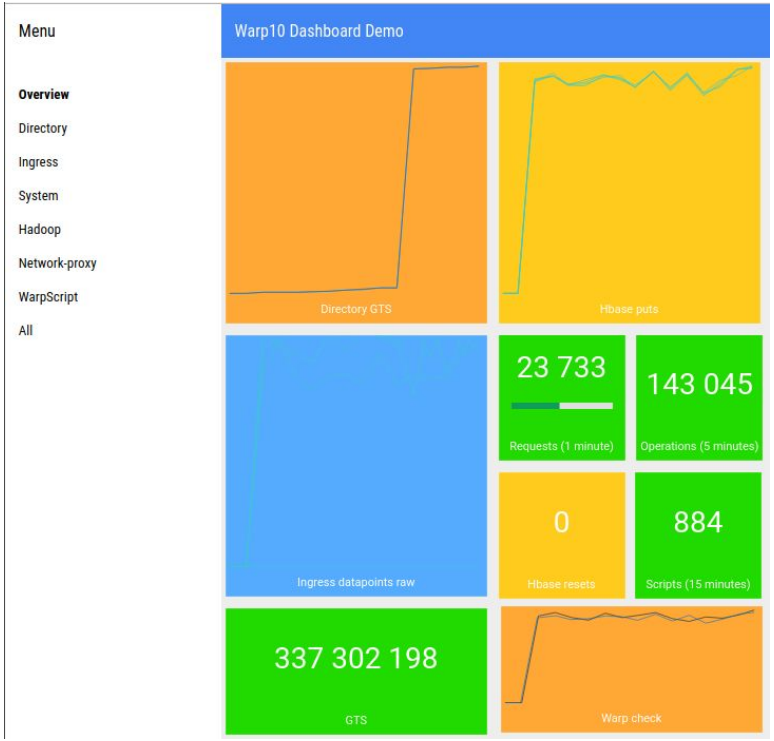




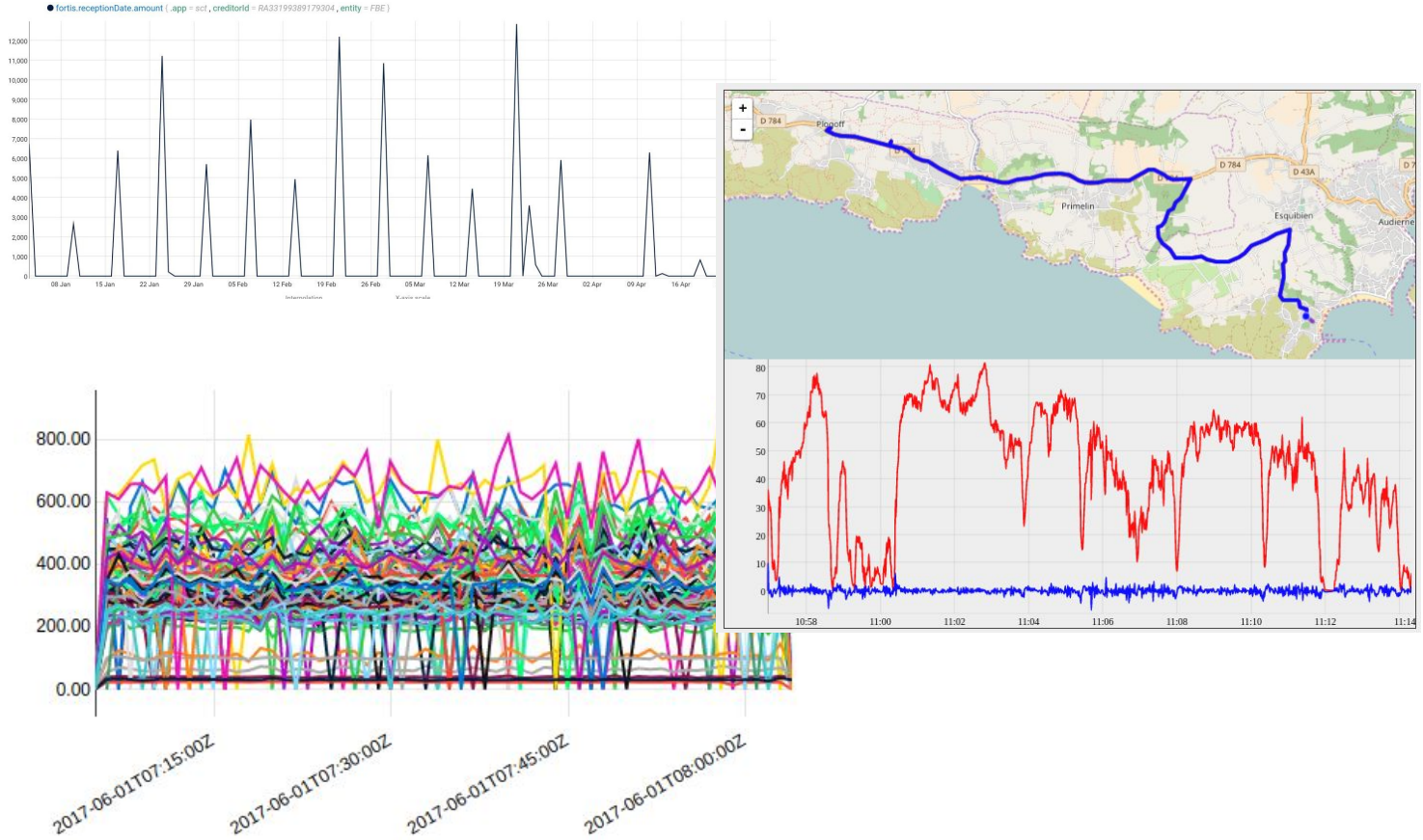




Quick and painless visualization tools



Dataviz web components collection



Conclusion

That's all folks!

Thank you!


thank you
danke
謝謝
ngiyabonga
شكراً جزيلاً
рахмат
teşekkür ederim
спасибо
gracias
dank je
tapadh leat
Баярлалаа
faafetai lava
vinaka
blagodaram
misaotra
matondo
paldies
grazzi
mahalo
хвала
asante
manana
obrigada
tenki
kiitos
dankie
nanni
nandri
dhanyavad
mauruuru
hvala
bedankt
enkosi
bayarlalaa
grăcie
köszönöm
akun
dankon
aciu
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murakoze
chokrane
mamnun
дякую
dziękuję
chnorakaloutioun
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grācies
sulpáy
go raibh maith agat
taiku
sobodi
dēkuji
sagolun
sukriya
kop khun krap
obrigado
mèsi
didi madloba
najis tuke
ありがとう
tanemirt
grazie
arigatô
takk
dakujem
trugarez
terima kasih
rahmet
diolch
dhanyavadagalu
shukriya
merca
мерси
kam sah hamnida
rahmat
তোমাকে ধন্যবাদ
감사합니다
xiexie
merci
ευχαριστώ