

Using Bootstrap
to create a common UI
across products

@andresgalante

total

@andresgalante



Buenos Aires



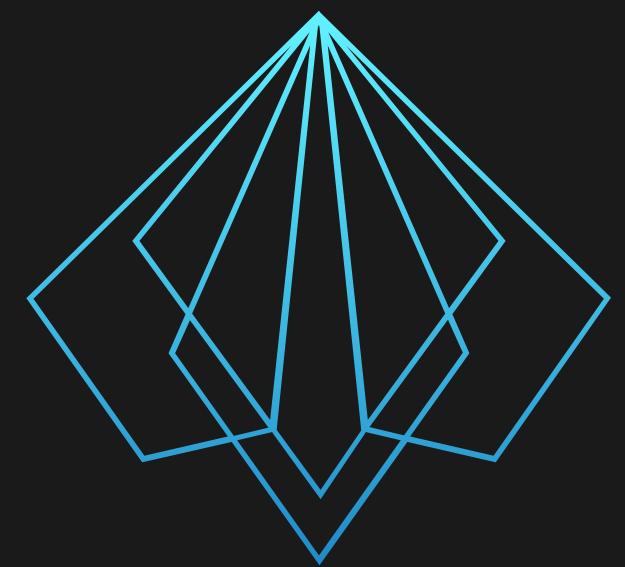
redhat®

UXD Team

AeroGear

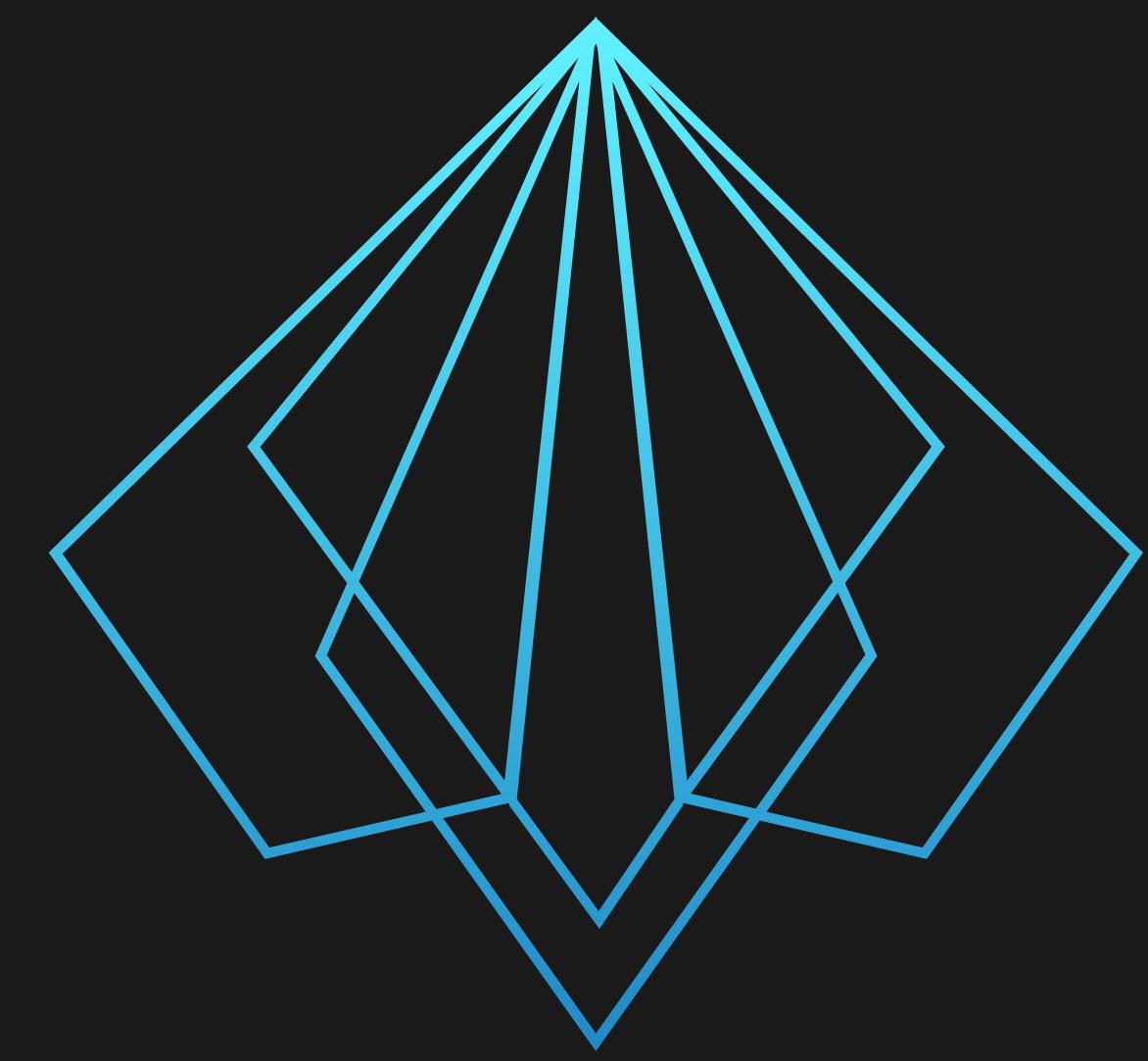


FEEDHENRY™
by Red Hat®

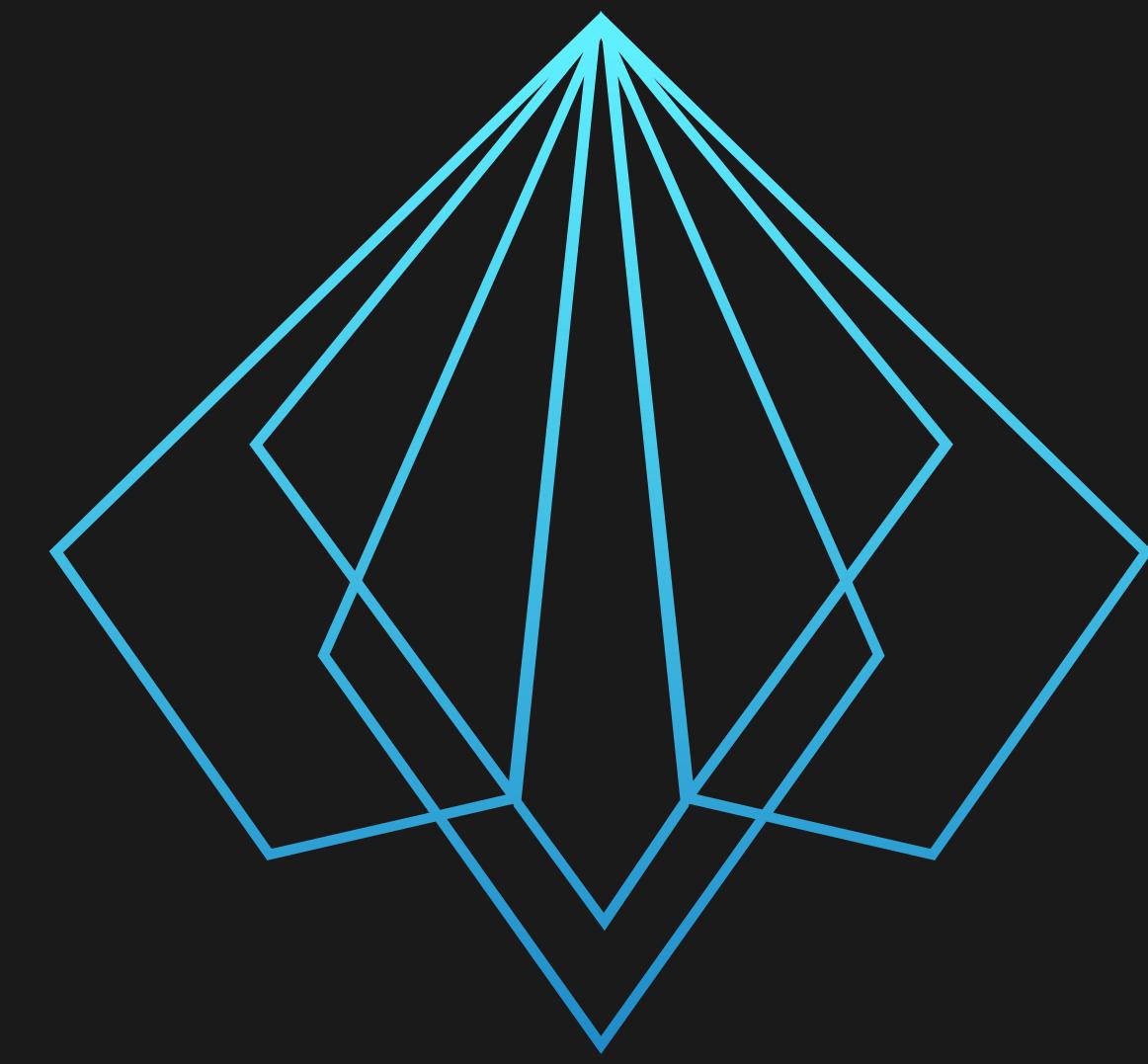


P A T T E R N F L Y

B



B



Agenda

1. Why design systems are important
2. Introduction to Bootstrap
3. Introduction to PatternFly
4. Other open source design systems
5. Live demo
6. Q&A

UI Standards?





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Innovation





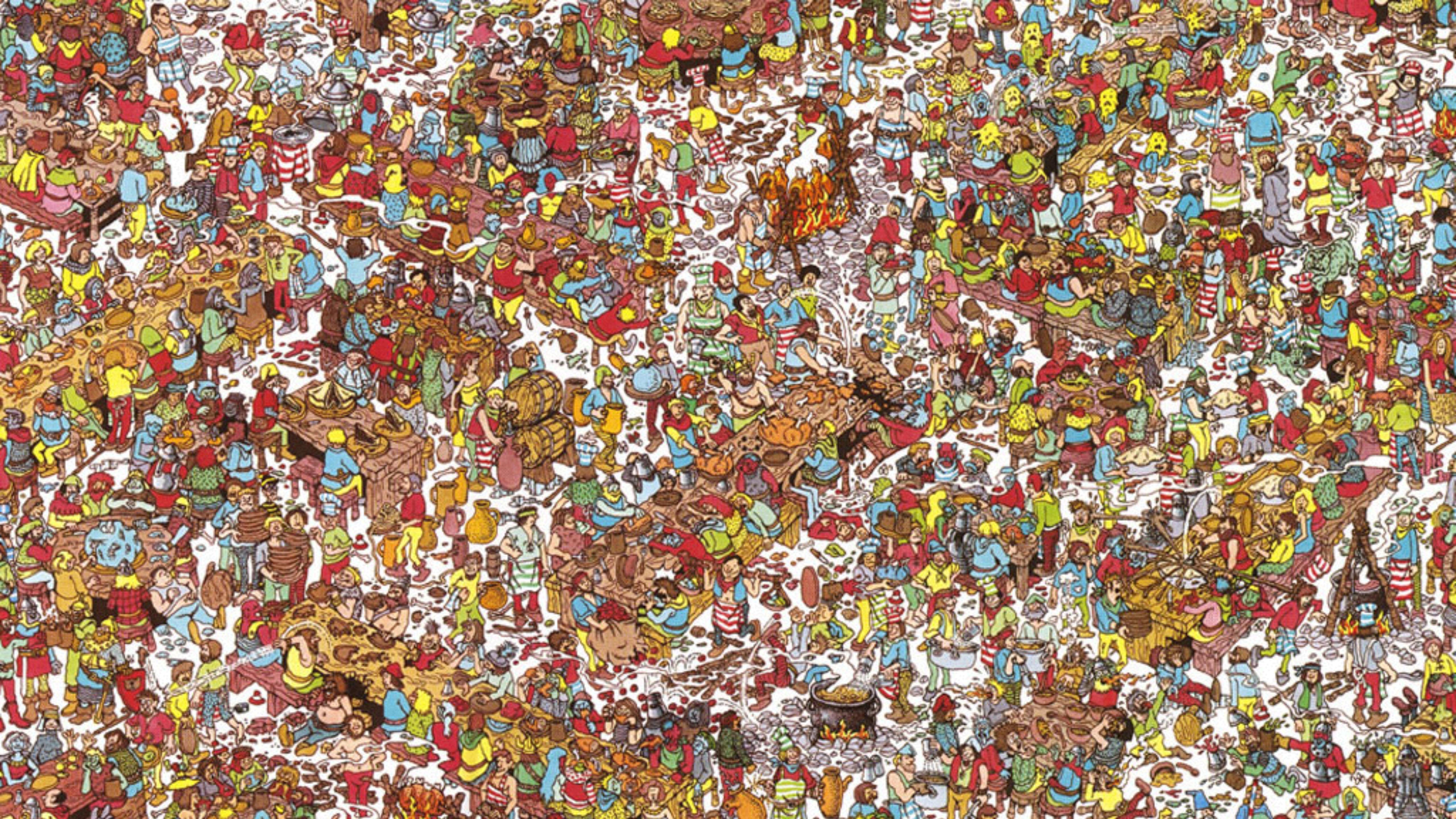








Consistency







**Fuck you,
Pay me!**

COMMUNICATION



Aaron Standard



Copacabana

PARA
HE
EL
PA
RA
CANTADA





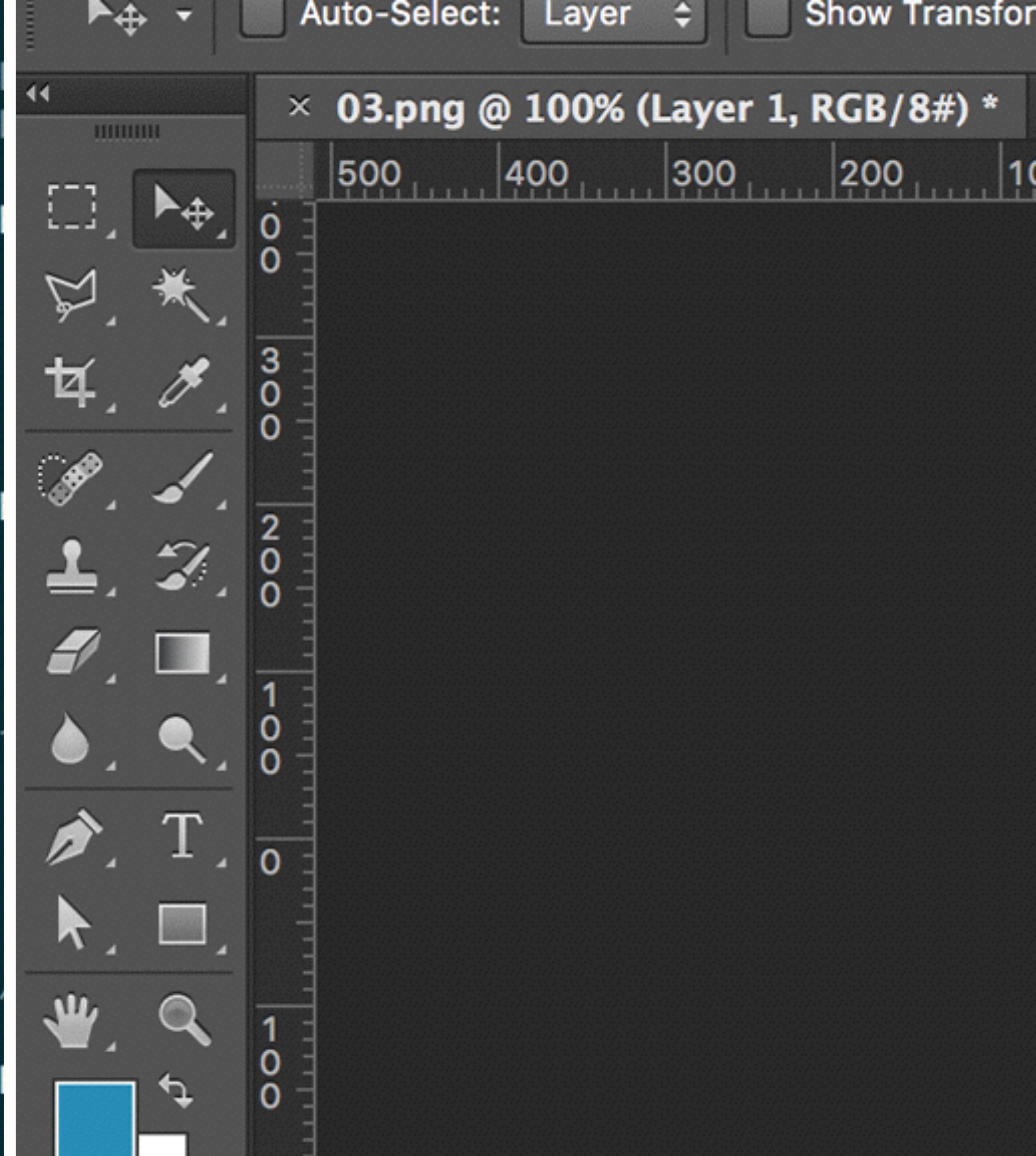
git

```
[→ git remote -v  
origin  git@github.com:feedhenry-staff/wfm-mo  
origin  git@github.com:feedhenry-staff/wfm-mo
```

```
[andresgalante]: ~/Documents/redhat/fh-wfm-mo  
[→ git pull origin master  
From github.com:feedhenry-staff/wfm-mobile  
 * branch            master      -> FETCH_HEAD  
Already up-to-date.
```

```
[andresgalante]: ~/Documents/redhat/fh-wfm-mo  
[→ git status  
On branch master  
Your branch is up-to-date with 'origin/master'.  
Changes not staged for commit:  
  (use "git add <file>..." to update what will be committed)  
  (use "git checkout -- <file>..." to discard changes)  
  
        modified:   www/app/bundle.js  
  
no changes added to commit (use "git add" and "git commit")
```

```
[andresgalante]: ~/Documents/redhat/fh-wfm-mo  
[→ git branch
```





open source



UXD Team

OSS Communities



FEEDHENRY™
by Red Hat®



Getting Started

Resources and documentation for getting started



Projects

All of your Projects



Reporting & Analytics

Analytics across all your Projects and their App Clients



Cloud Resources

Manage your Cloud Deployment Resources



MBaaS Services & APIs

Manage your MBaaS Services



MBaaS APIs

API reference documentation for the MBaaS APIs



Drag & Drop Apps

Manage Form based Drag & Drop Apps and Projects



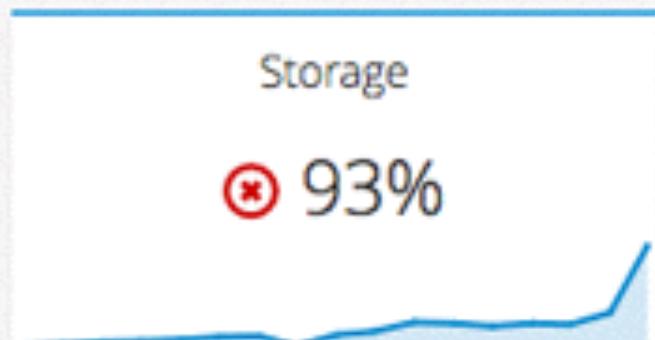
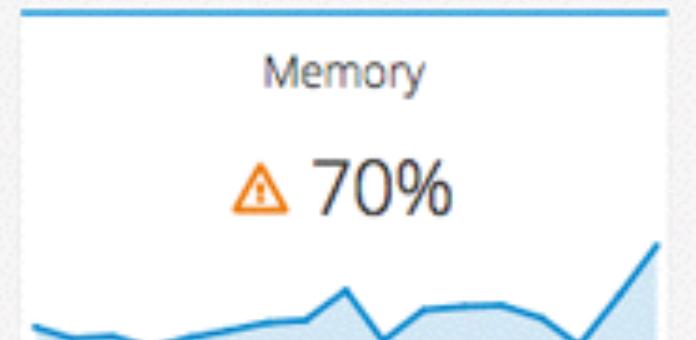
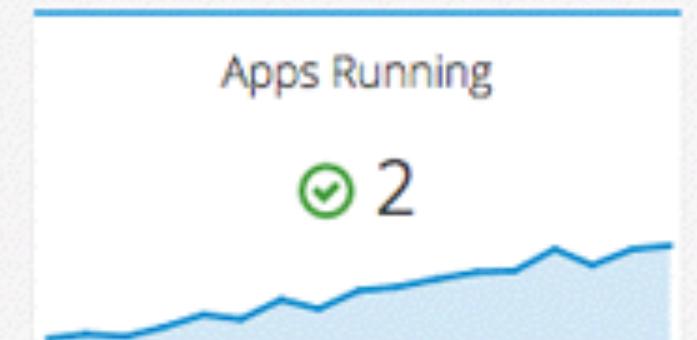
Administration

View your administration/settings area



Latest News

[AeroGear quick start push Templates](#)



Active Projects

[+ Create New Project](#)

Name of the project

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3972 Installs 2872 Start ups 272 Cloud Request 22 Active users

2

Client Apps

1

Cloud Apps

5

Services



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Latest Status

450

400

Platforms

12.1%

Events

12

Some event happen
Today at 3:25:36 PM

*“... when things always behave
the same, users don't have to worry
about what will happen. Instead, they
know what will happen based on
earlier experience.”*

Jakob Nielsen



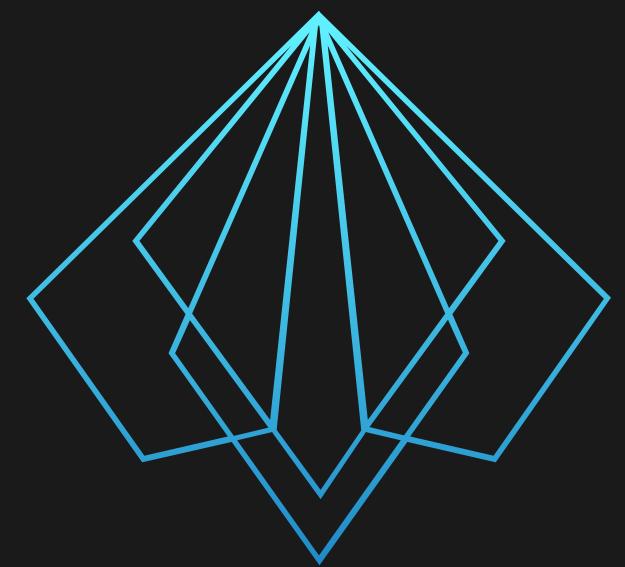
12 seg
2000

8 seg
2013

Attention Span



9 seconds



P A T T E R N F L Y



One Ring to rule them all,
One Ring to find them,
One Ring to bring them all
And in the darkness bind them.

*“A community of designers and developers
collaborating to build a UI framework for
enterprise web applications.”*



open source



Sleek, intuitive, and powerful
front-end framework for faster
and easier web development.

Mark Otto
GitHub



Jacob Thornton
M



Bootstrap?

[Watch ▾](#)

5,992

[Unstar](#)

92,438

[Fork](#)

39,365

 [Graphs](#)

developing responsive, mobile first projects on the web.



36 releases

668 contributors



```
4  
5 // Container widths  
6 //  
7 // Set the container width, and override it for fixed navbars in media  
8  
9  
10 .container {  
11   .container-fixed();  
12  
13   @media (min-width: @screen-sm-min) {  
14     width: @container-sm;  
15   }  
16   @media (min-width: @screen-md-min) {  
17     width: @container-md;  
18   }  
19   @media (min-width: @screen-lg-min) {  
20     width: @container-lg;  
21   }  
22 }  
23  
24  
25 // Fluid container
```



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= **B** + A mathematical equation consisting of an equals sign followed by a large white letter 'B' inside a rounded square frame, plus a white plus sign, and finally a white heart icon.

1

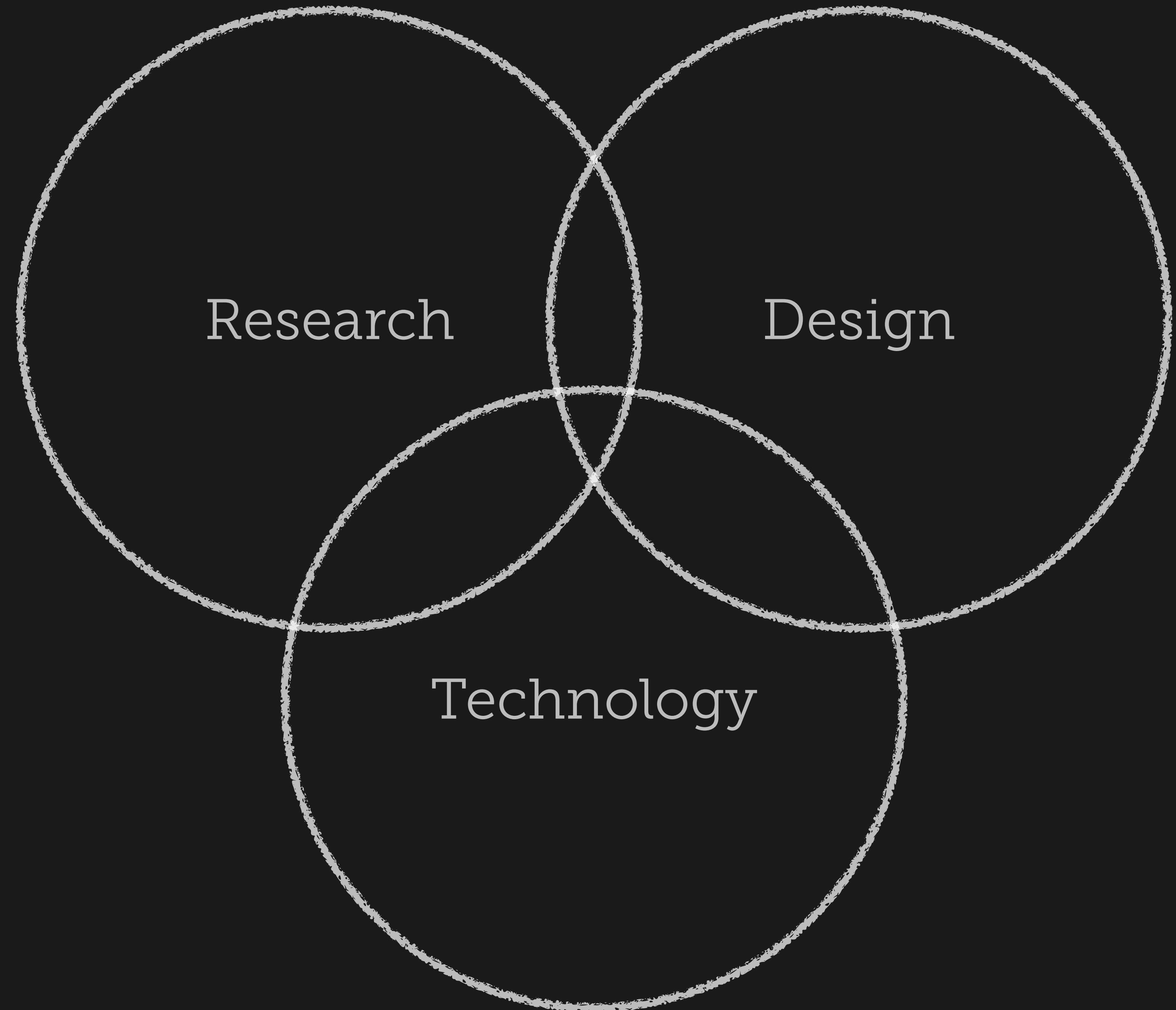
Custom look & feel

2

New components

3

UX expertise



Research

Design



Technology



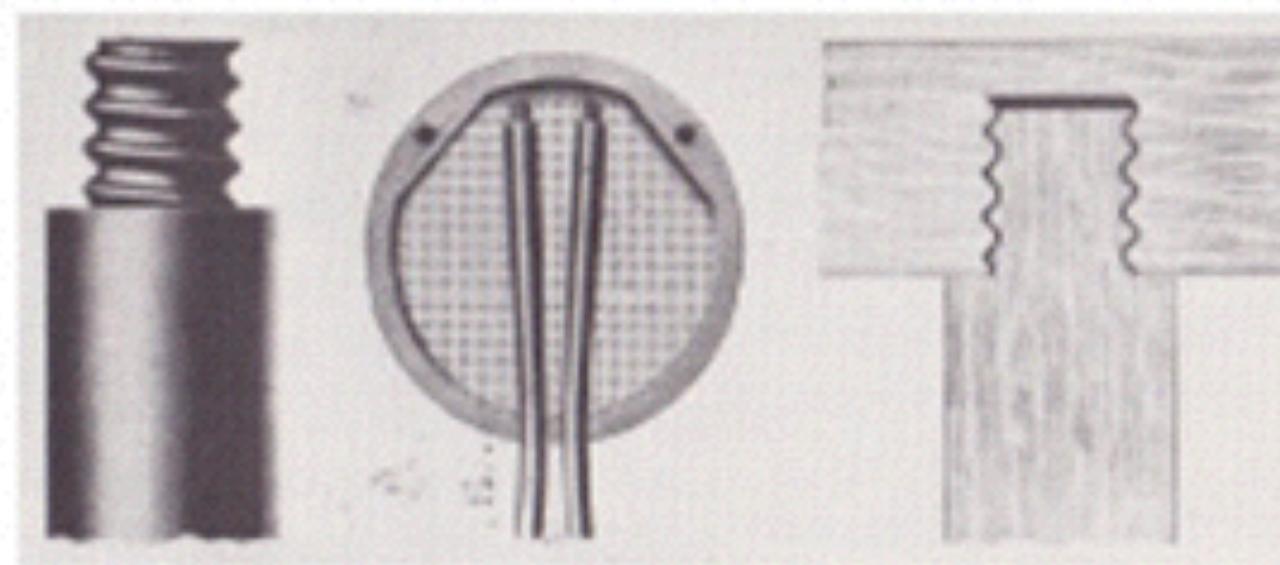
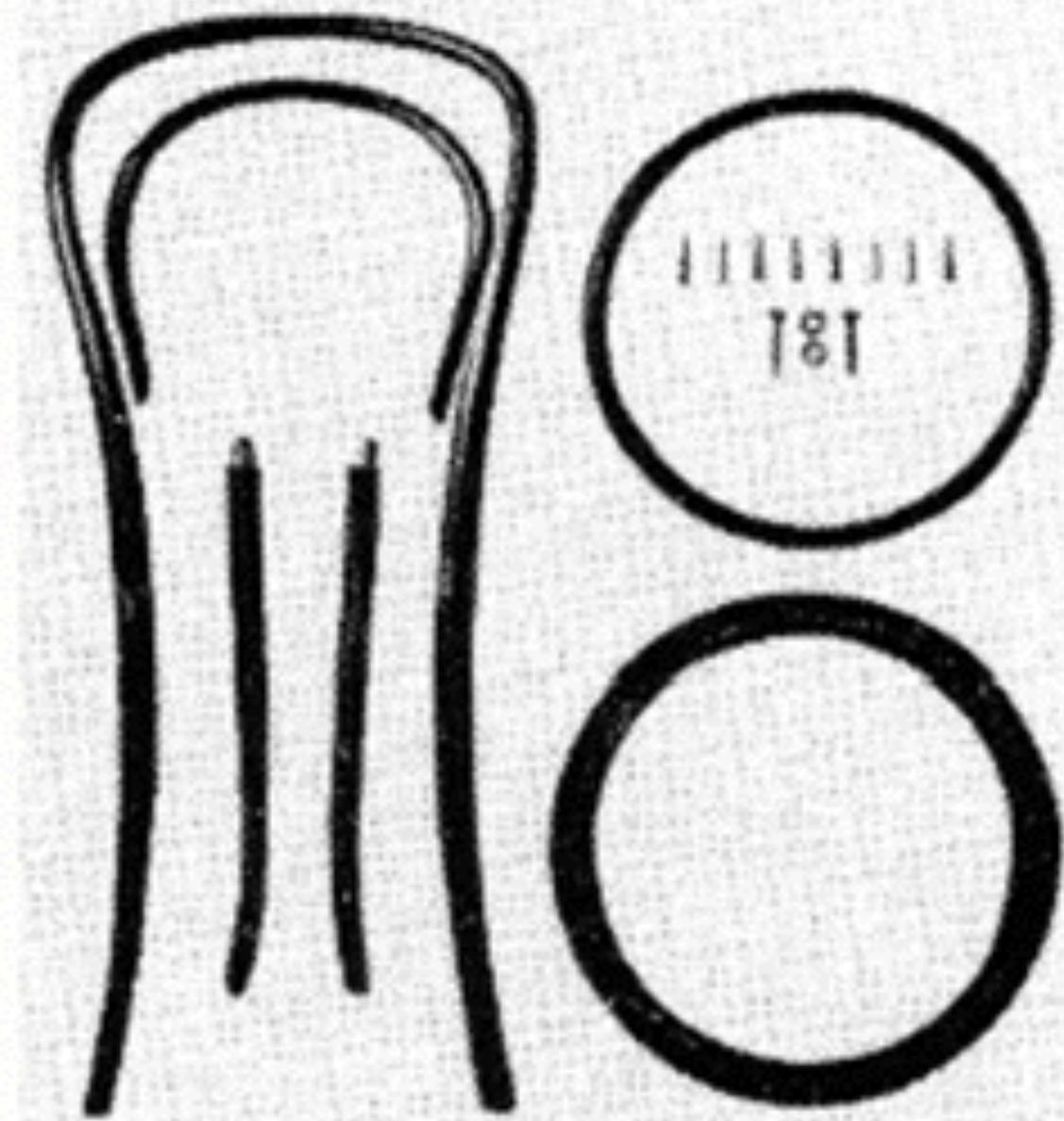
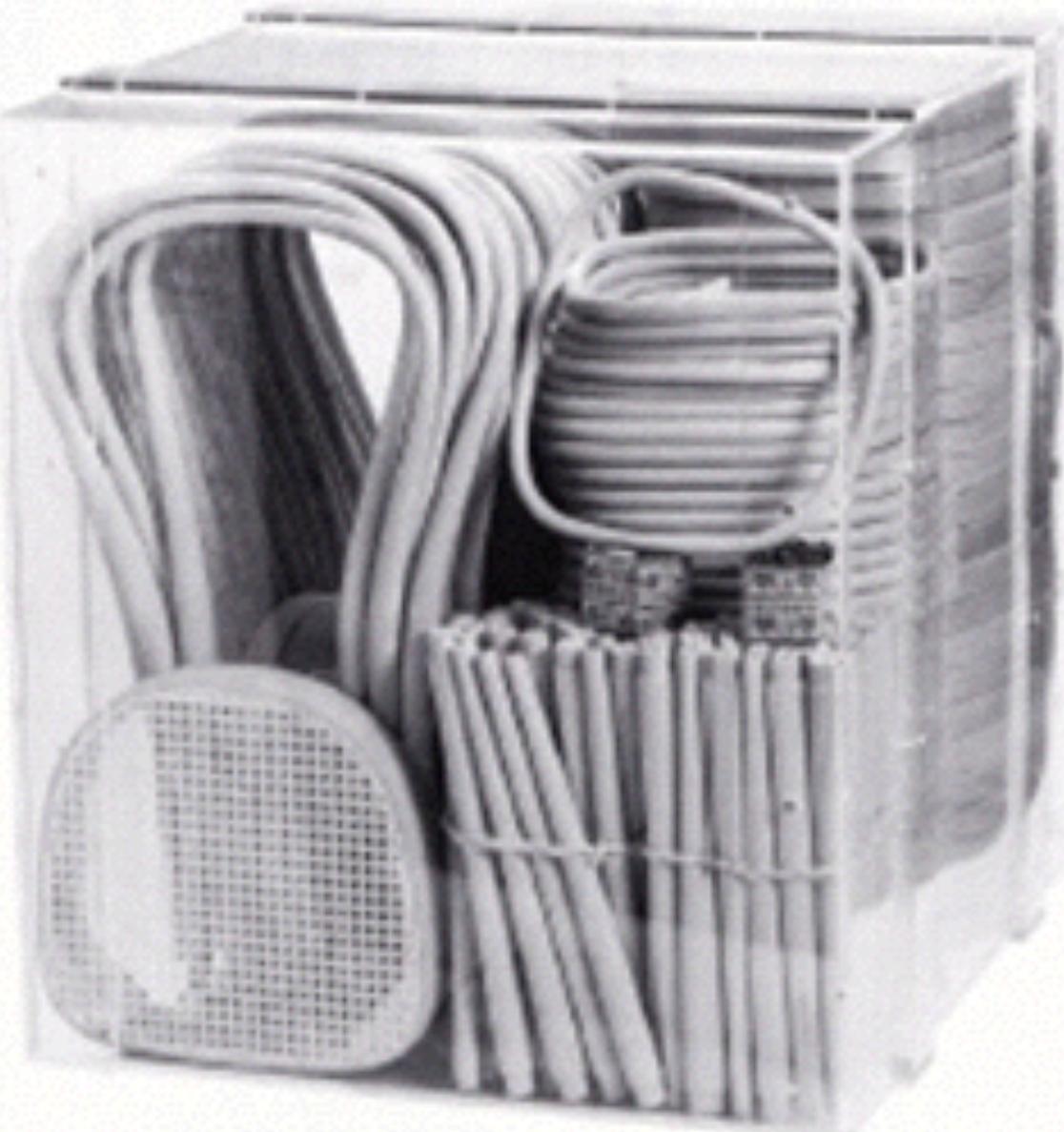


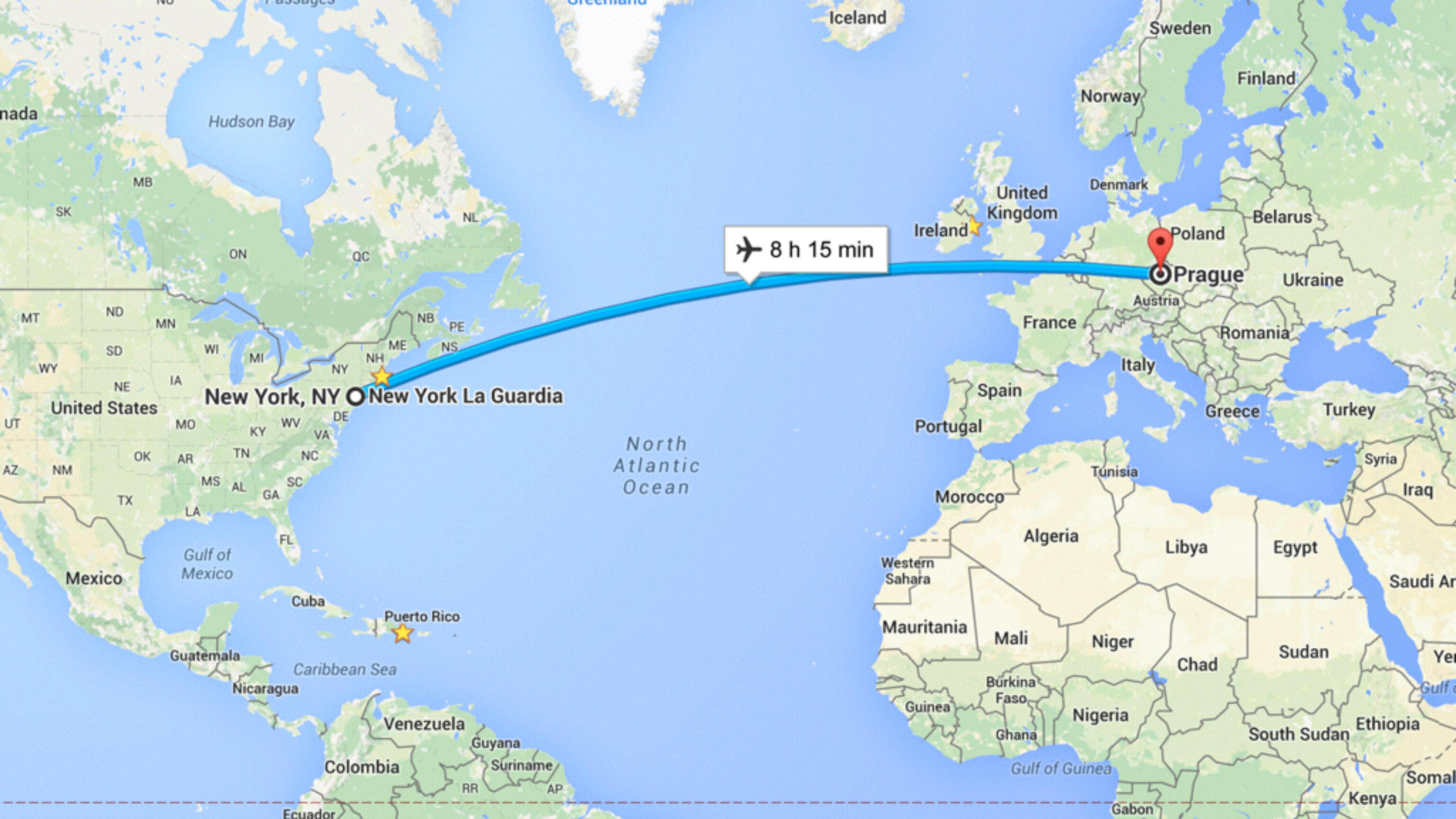


NR 14 1859



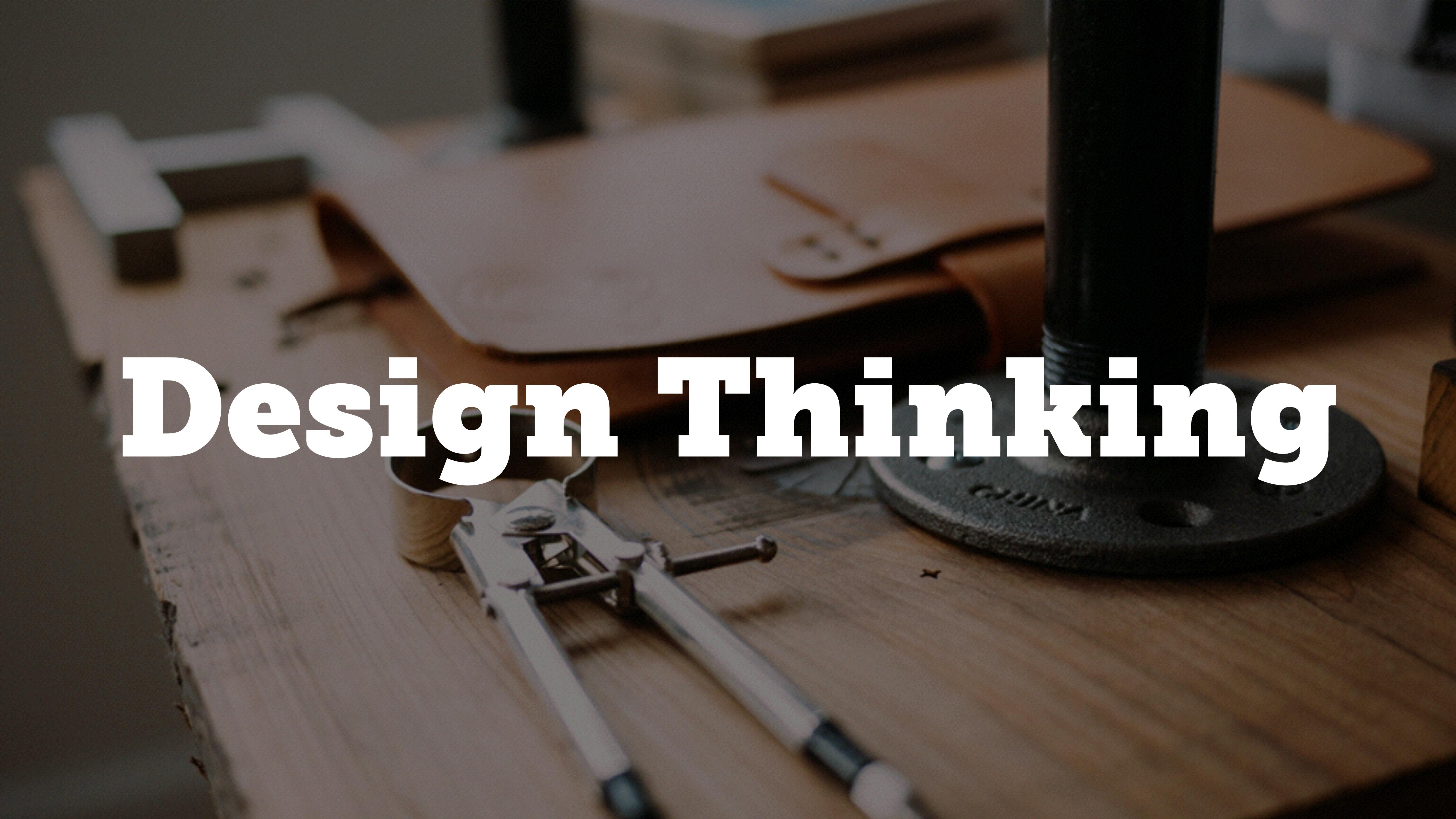
6 HAUPTBESTANDTEILE





50 millones

Design Thinking



Research



P A T T E R N F L Y

Windows 7

Hacker from 9 to 5

Family



Rock Star



at work.

Superheroe



at home.

Design



P A T T E R N F L Y

Section One

Section Two

Section Three

Section Four

Section Five

Section Six

Datacenter Northeast

361 Users

29,210 Hosts

465 Errata

1 Data Centers

1

5 Clusters

1

50 Hosts

1

15

5 Storage Domains

1

100 virtual Machines

100 Networks

Datacenter Load

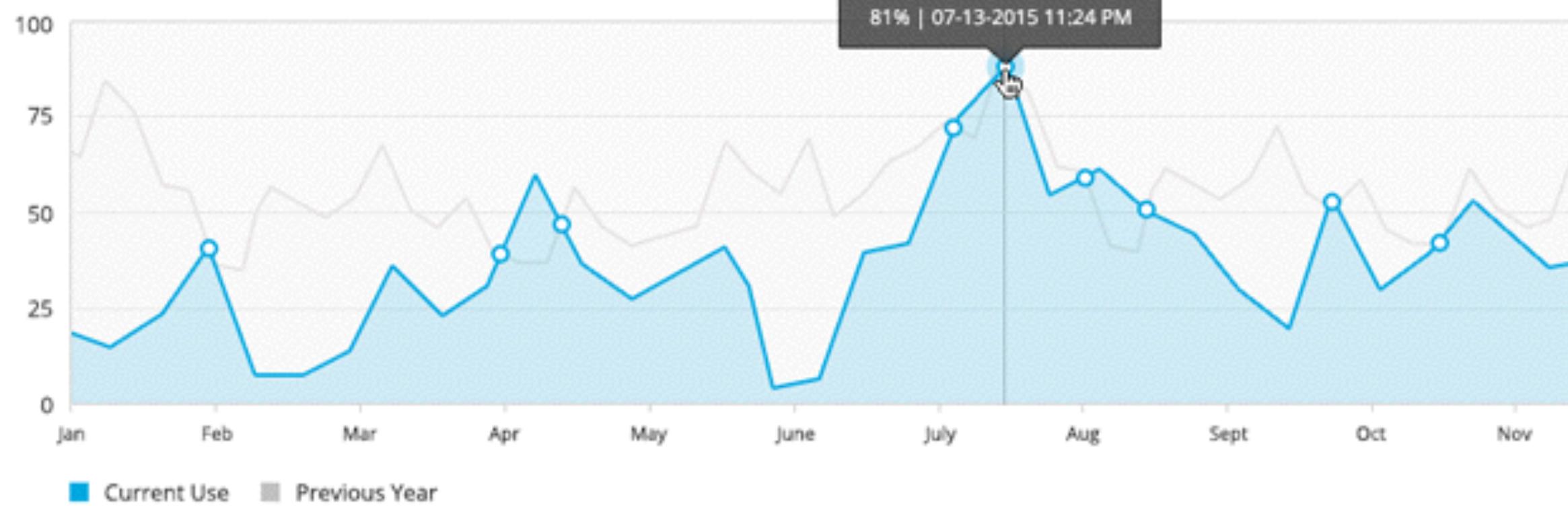
Workload

CPU Utilization

Memory Utilization

Bandwidth

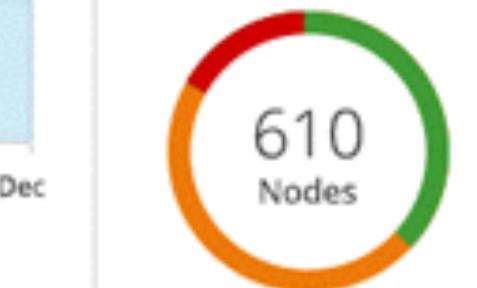
Last Year



Top Utilized Clusters

Last 30 Days

RHOS6-Controller	140.0 GB Total
CFMEQE-Cluster	140.0 GB Total
RHOS-Undercloud	140.0 GB Total



625 Up 11%

Critical Server Events



842 TB

Storage Capacity



35%

CPU Utilization



View All Events

Add New Cluster

View CPU Events

Recently Provisioned Hosts

14 Hosts

Add

Import

EastHost002

192.168.1.52

RHEL-6Server-6.5.0.1.el6

EastHost004

192.168.1.54

RHEL-6Server-6.5.0.1.el6

Performance

Last 30 Days

42%
Virtual Disk I/O
5.4 of 5.9 GB

88%
Physical Disk I/O
900 of 1,000 MHz

34%
Virtual Disk I/O
5.4 of 5.9 GB

93%
Physical Disk I/O
900 of 1,000 MHz

26%
Virtual Disk I/O
5.4 of 5.9 GB

Data tables

Awesome fonts

Bootstrap select

Date pickers

C3 charts

Cards

Dashboards

Bootstrap Spin

Bootstrap Touchspin

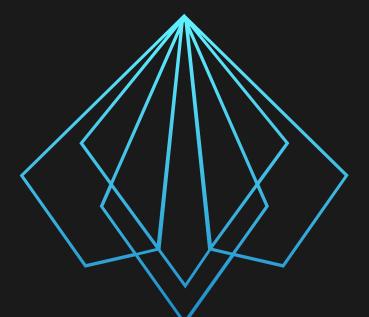
Google Code Prettify

Bootstrap Tree view

soporte para IE9

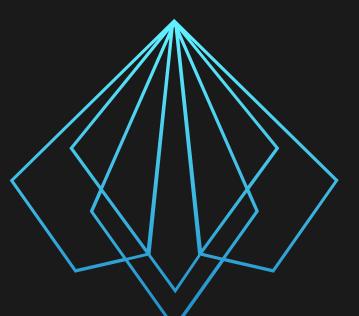
and more!

Usability



P A T T E R N F L Y

Technology



P A T T E R N F L Y

1

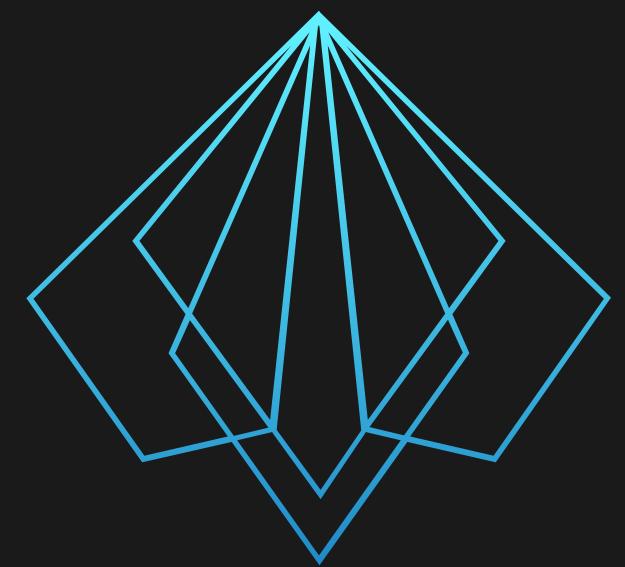
Components

2

Documentation

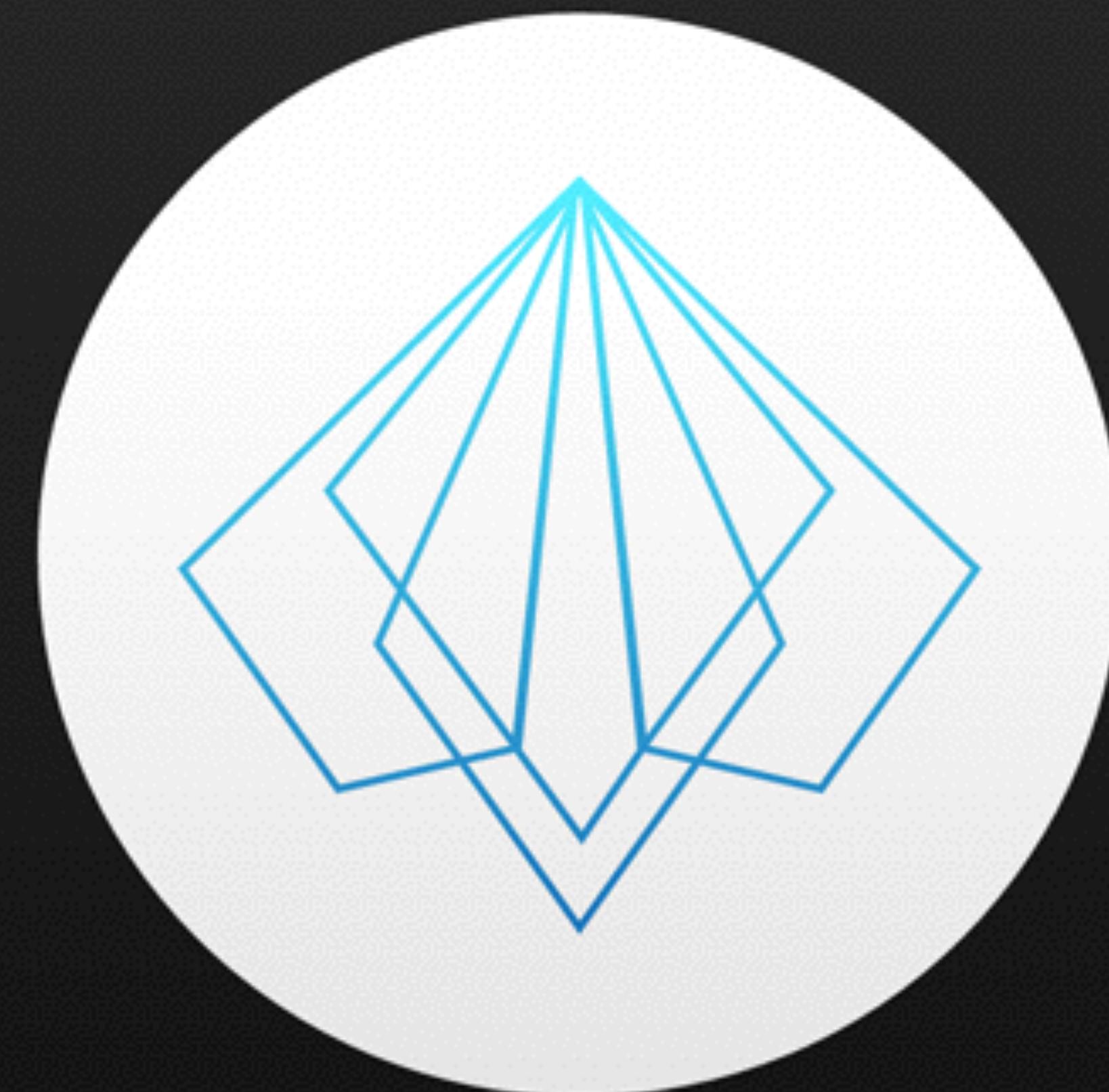
3

Open Source



P A T T E R N F L Y

1. Need
2. Research
3. Design
4. Testing
5. Implementation



PatternFly

A community of designers and developers collaborating to build a UI



Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

[Download Bootstrap](#)

Foundation

The most advanced responsive front-end framework in the world.

[Download Foundation 5](#)

★ 16k GitHub Stars

Twitter @ZURBfoundation



[HOME](#)[IDENTITY](#)[WEBSITES](#)[SANDSTONE](#)[OVERVIEW](#)[BUTTONS](#)[COLORS](#)[FORMS](#)[GRIDS](#)[TABLES & LISTS](#)[TABZILLA](#)

Sandstone introduction

What is Sandstone?

Sandstone is our defined style and form for Web properties. Combining set visual elements, and a responsive grid system, it creates a cohesive brand experience across websites. This section details the key features of the system and how to make it yo

Universal tab

mozilla



Different by Design.

Proudly
non-profit

Innovating
for you

Fast, flexible
secure



Firefox

Primer

The CSS toolkit and guidelines that power GitHub.

[Read the docs](#)



Living Language

A shared vocabulary for design

Design Eleme...

Design Elements

[UI Components](#)[JS Components](#)[Widgets](#)[CSS L...](#)

DESIGN

[Design Palette >](#)[UI Colours >](#)[Destination Next Colors >](#)[Typography >](#)

ICONS

[Destination >](#)[Interests >](#)[Interface >](#)[Need to Know >](#)[Weather >](#)

Colour Palette

[Find closest color](#)

GRAY PALETTE

#2c3643

#3b444f

#67747c

#99a9b3

#dbe6ec

\$darkgray

\$titlegray

\$bodygray

\$lightgray

\$subduedgray

PRIMARY PALETTE

#142b44

#1d508d

#297CBB

#288ad6

#0FDEBD

\$darkblue

\$navblue

\$lpblue

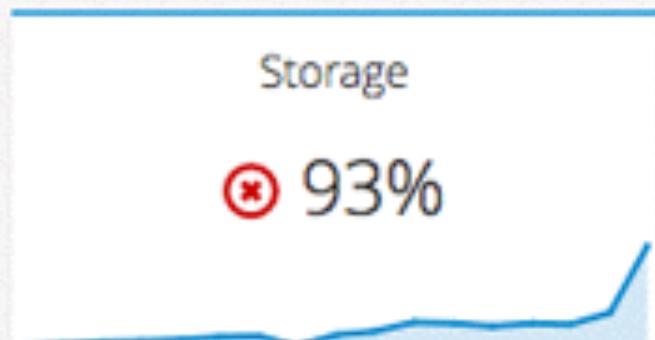
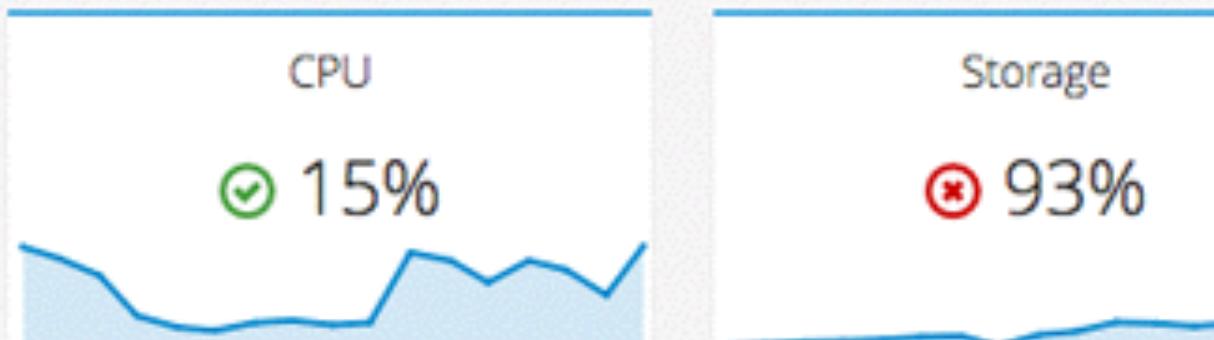
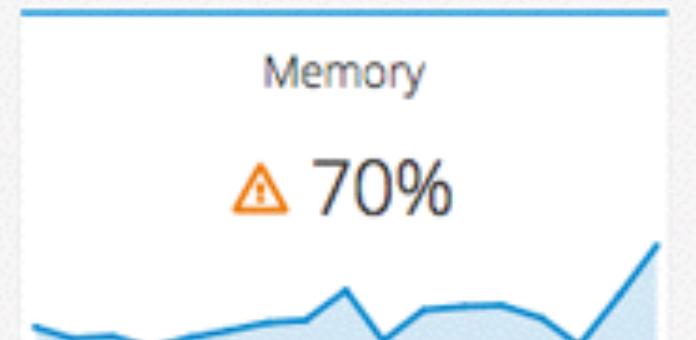
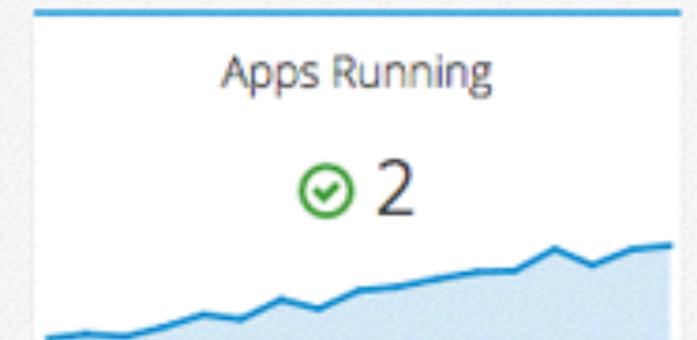
\$linkblue

\$teal

Demo



P A T T E R N F L Y



Active Projects

[+ Create New Project](#)

Name of the project

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3972 Installs 2872 Start ups 272 Cloud Request 22 Active users

2

Client Apps

1

Cloud Apps

5

Services



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Today at 3:25:36 PM

Some event happen
Today at 3:25:36 PM