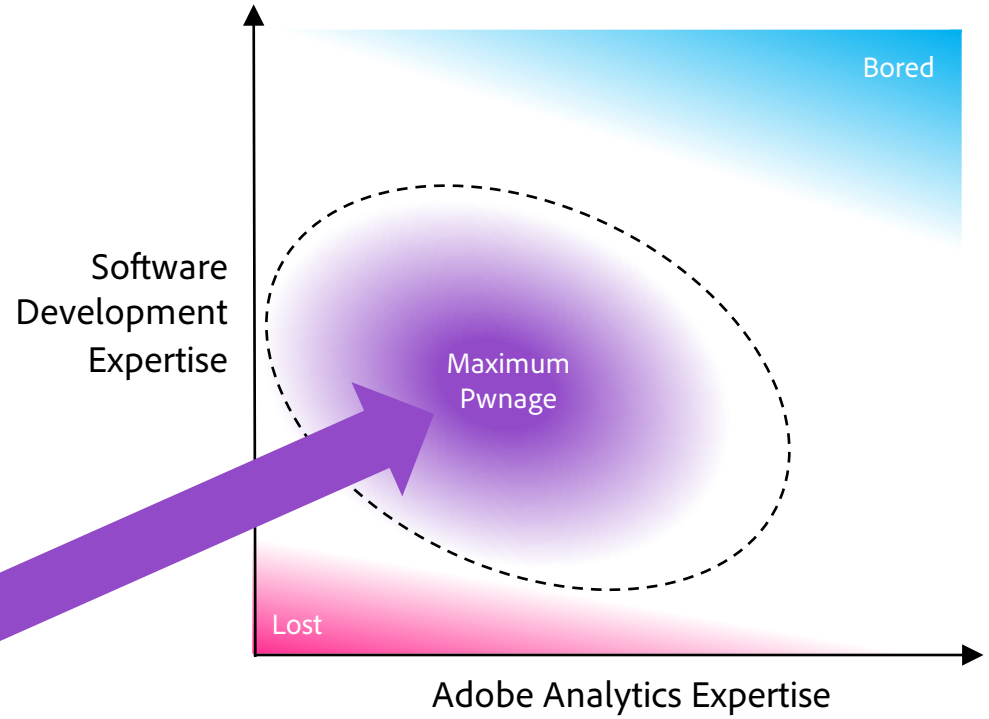

Adobe
Building Real-time Dashboards with Adobe Analytics
L4363
Gary Rogers & Courtney Ferguson | Sr. Software Engineers
SUMMIT
Log in information:
Name: L4363
Password: summit2017
Bē
Ari Weinkle

The Hands-on Lab Challenge: Finding the Right Balance

Building Real-time Dashboards with Adobe Analytics

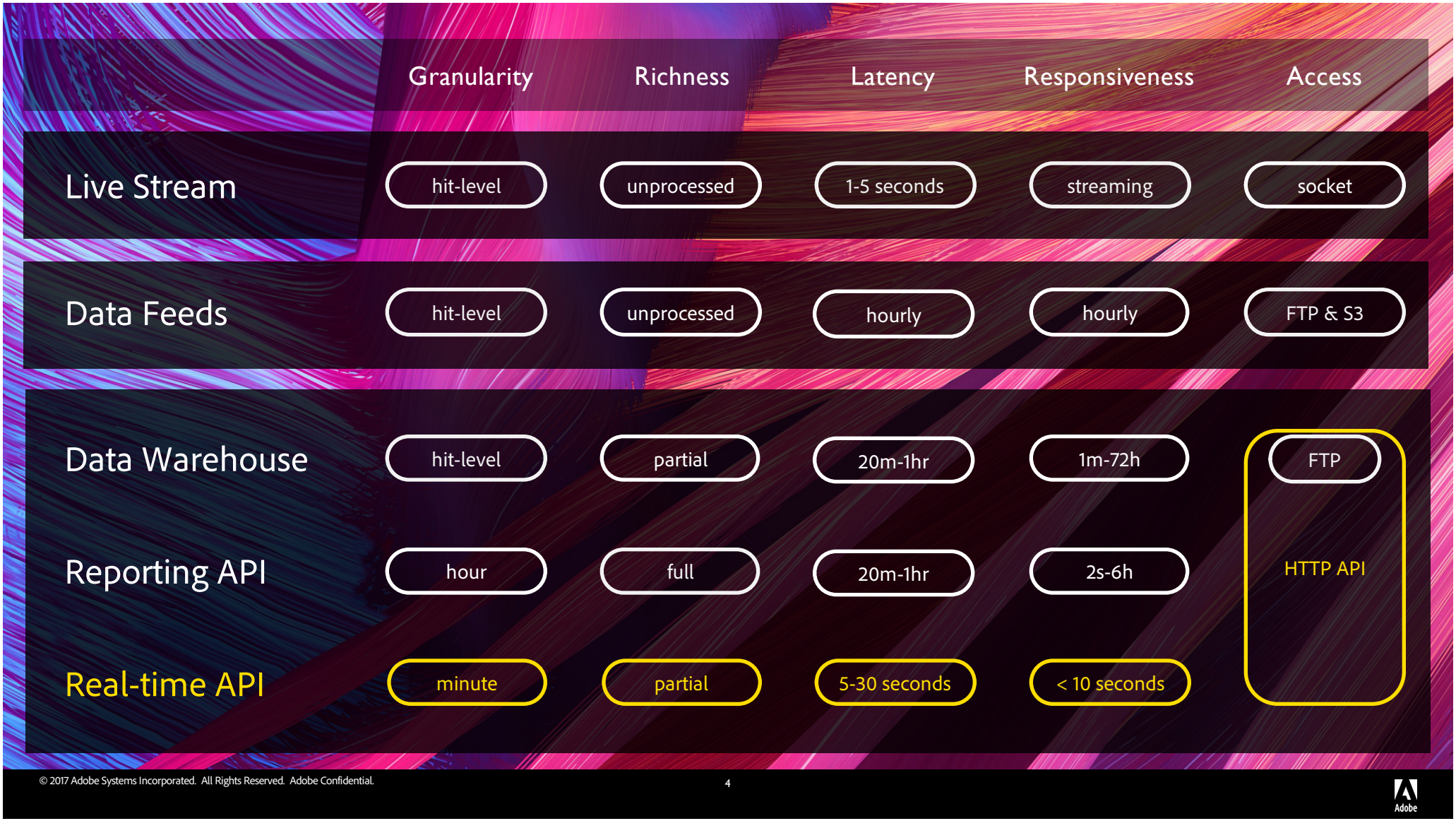
L4363

Learn how to use the Real-time API to construct a basic, fully functional dashboard. All you need is general familiarity with HTML and JavaScript and basic code-editing experience. Exposure to web APIs is helpful but not required.



Getting Data Out

Adobe



Adobe

Common Use Cases

Live Stream	Dashboards, Event Monitoring & Triggering
Data Feeds	Custom Data Processing
Data Warehouse	Historical Data, Segmentation, Exporting
Reporting API	Report Builder, Custom Reporting
Real-time API	Dashboards & Visualizations

The Plan

See Some Amazing Examples

Lesson 1: Getting Real-time Reports using API Explorer

Lesson 2: Getting Real-time Reports using JavaScript

Lesson 3: Using Real-time Report Data to Create a Dashboard

Extra Credit: Enable Real-time Reports on *Your* Report Suite (Advanced)

Real-time Dashboard Examples

Adobe

Lesson 1: Getting Real-time Reports using API Explorer

API

Application Programming Interface

Adobe

Lesson 1: Getting Real-time Reports using API Explorer

Real-time API

Adobe Analytics

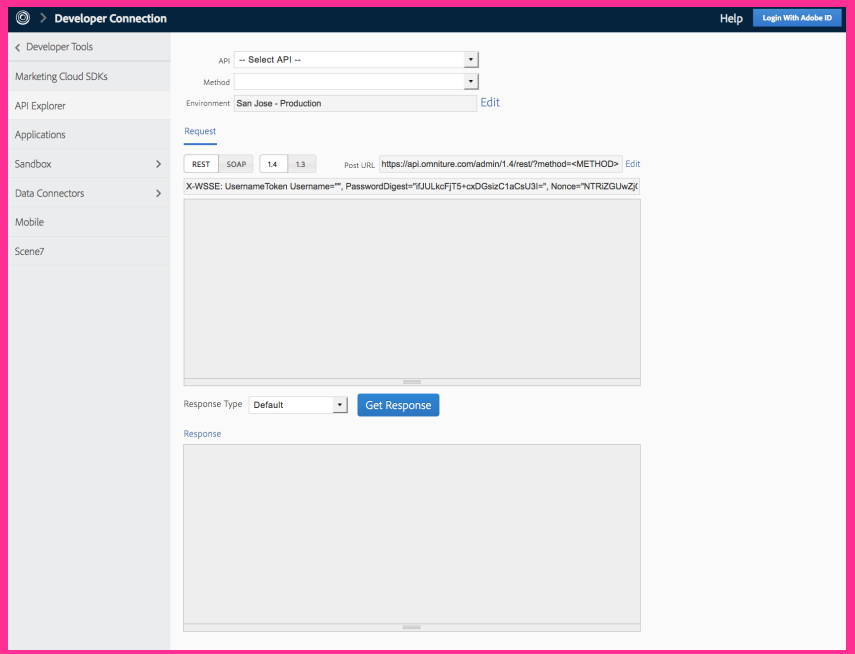
API Request

API Response

Information

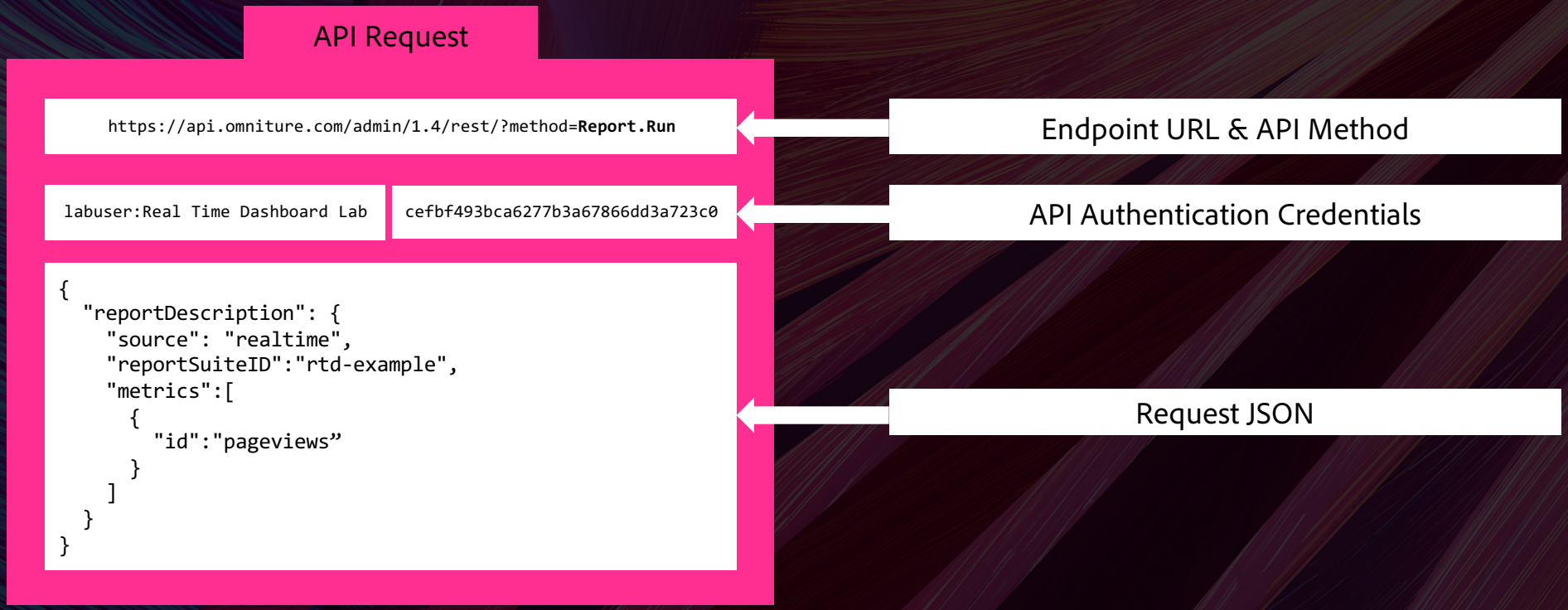
Website/Devices

API Explorer



Adobe

Lesson 1: Getting Real-time Reports using API Explorer



Adobe

Lesson 1: Getting Real-time Reports using API Explorer

API Request

```
https://api.omniture.com/admin/1.4/rest/?method=Report.Run
```

```
labuser:Real Time Dashboard Lab
```

```
cefbf493bca6277b3a67866dd3a723c0
```

```
{
  "reportDescription": {
    "source": "realtime",
    "reportSuiteID":"rtd-example",
    "metrics":[
      {
        "id":"pageviews”
      }
    ]
  }
}
```

API Response

```
{
  "report":{
    "type":"realtime",
    ”reportSuite":{
      "id":"rtd-example",
      "name":"Real Time Dashboard Lab”
    },
    "period":"2017-03-14T14:37:19-0600\/2017-03-14T15:37:19-0600”,
    “elements":[{"id":"datetime","name":"Date"}  ],
    "metrics":[{ "id":"instances","name":”instances","type":"number","decimals":0}],
    "data":[
      {
        "name":"2017-03-14T14:37:19-0600",
        “year":2017,
        "month":3,
        "day":14,
        "hour":14,
        "minute":37,
        "counts":["0"]
      },
      …
    ],
    "totals":["0"],
    "version":"1.4.17.2”
  }
}
```


Adobe

Lesson 2: Getting Real-time Reports using JavaScript

Adobe

Lesson 2: Getting Real-time Reports using JavaScript

Adobe

Lesson 2: Getting Real-time Reports using JavaScript

Comments in JavaScript

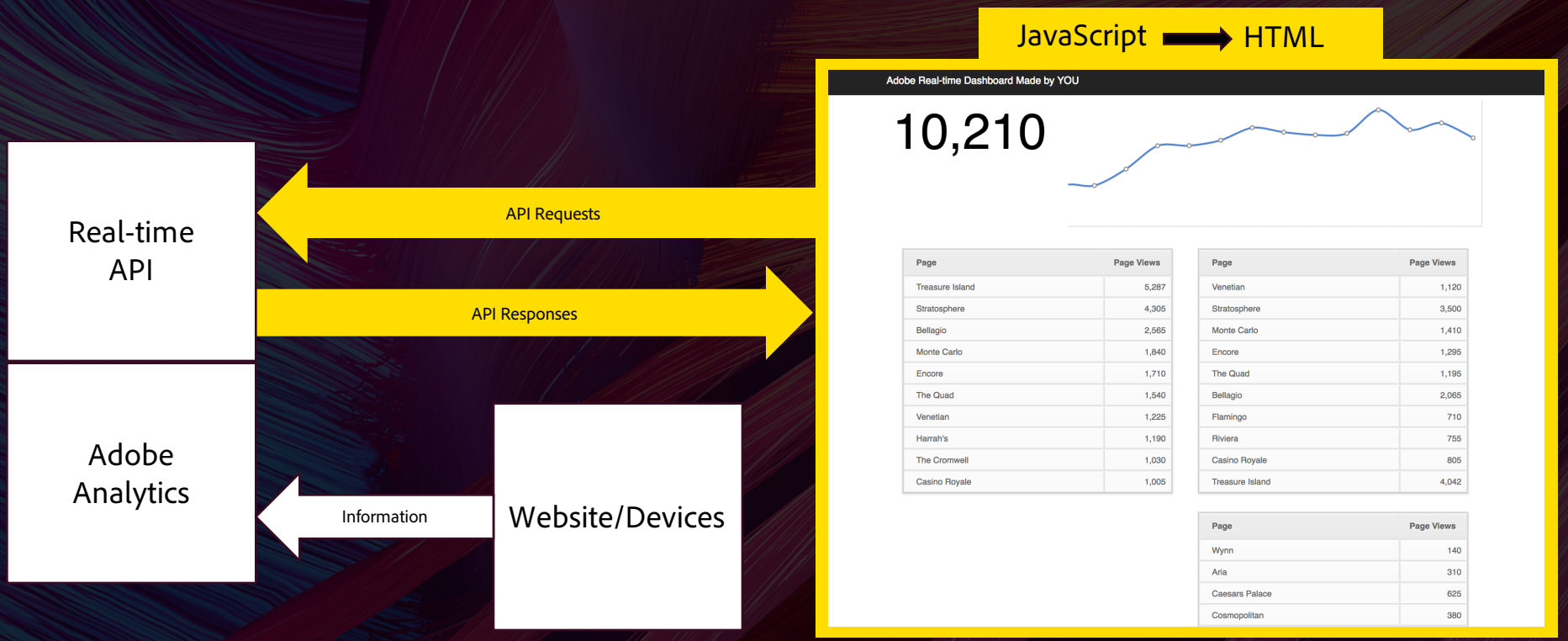
```
alert("This will be executed");


// alert("This will be ignored");


/*
alert("This will be ignored too");
*/
```


Adobe

Lesson 3: Using Real-time Report Data to Create a Dashboard



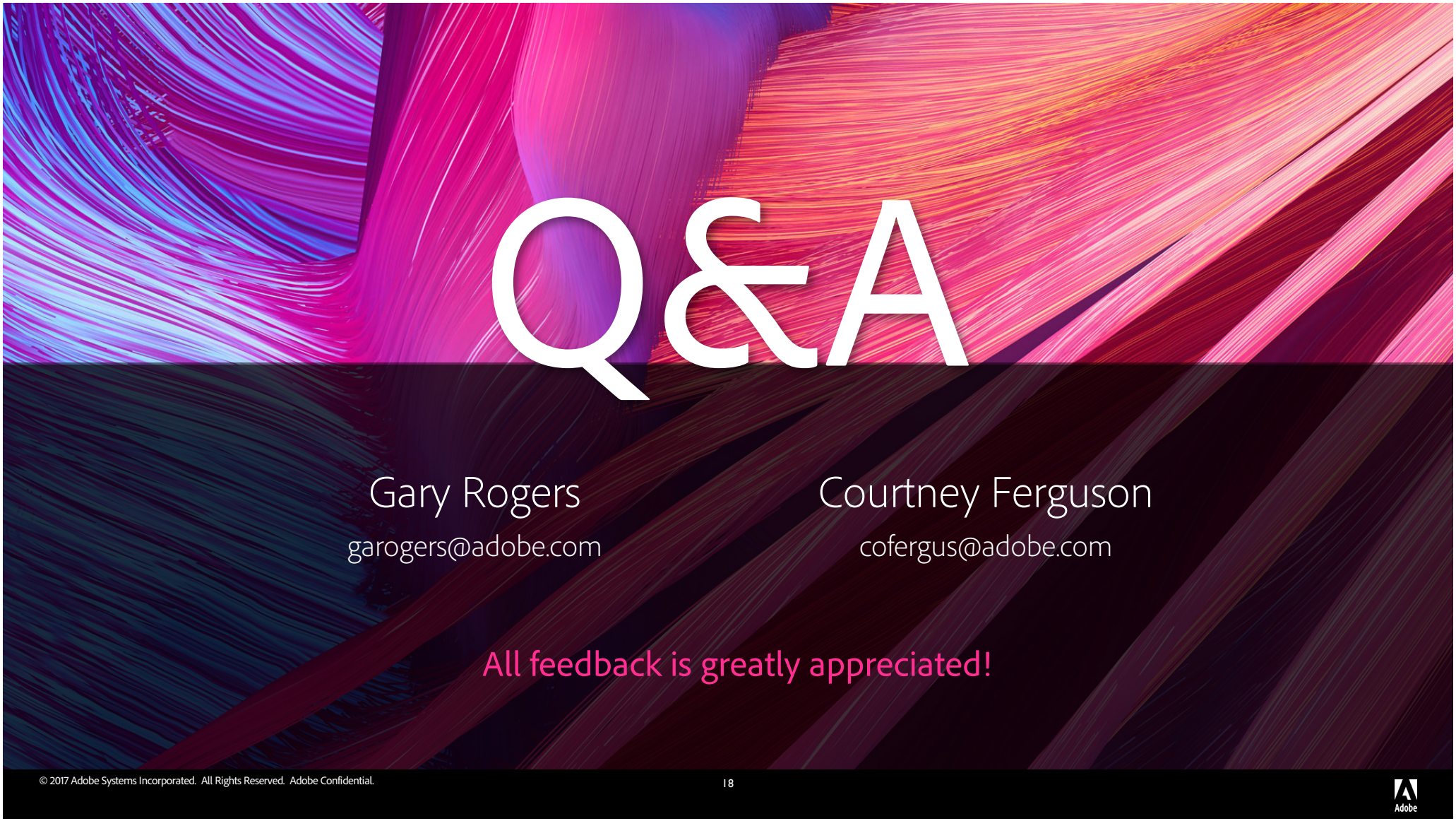
Adobe

Lesson 3: Using Real-time Report Data to Create a Dashboard

Real-time Report Options

dateFrom, dateTo	Absolute: `2017-03-15T17:14:53` Relative: `now` `-1 hour` `-30 minutes`
dateGranularity	`hour` `minute` `minute:30` `minute:15` `minute:1` `minute:n`
sortMethod	`gainers` `losers` `mostpopular`
algorithm	`count` `linear`
elements	maximum of 2
metrics	maximum of 1

Adobe



Gary Rogers
garogers@adobe.com

Courtney Ferguson
cofergus@adobe.com

All feedback is greatly appreciated!

Adobe


Adobe