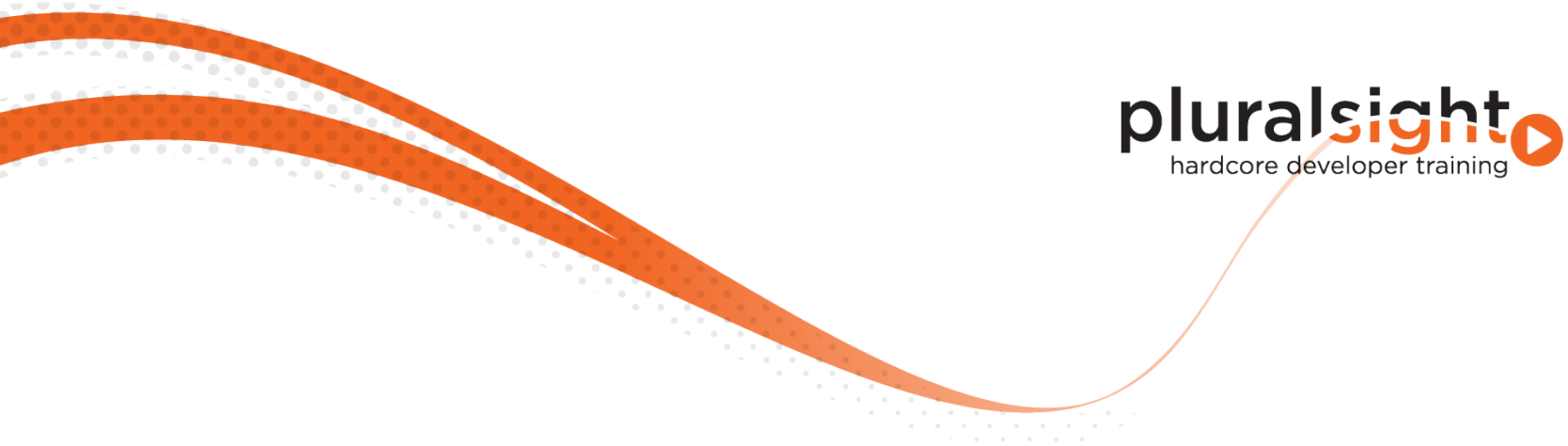
Navigation

John Papa

Twitter: @john_papa



pluralsight
hardcore developer training

How Do We Navigate Between Views?

Agenda

- SPA Navigation
- View Transitions
- Canceling
- Recall

Agenda

- SPA Navigation
  - Parameters
- View Transitions
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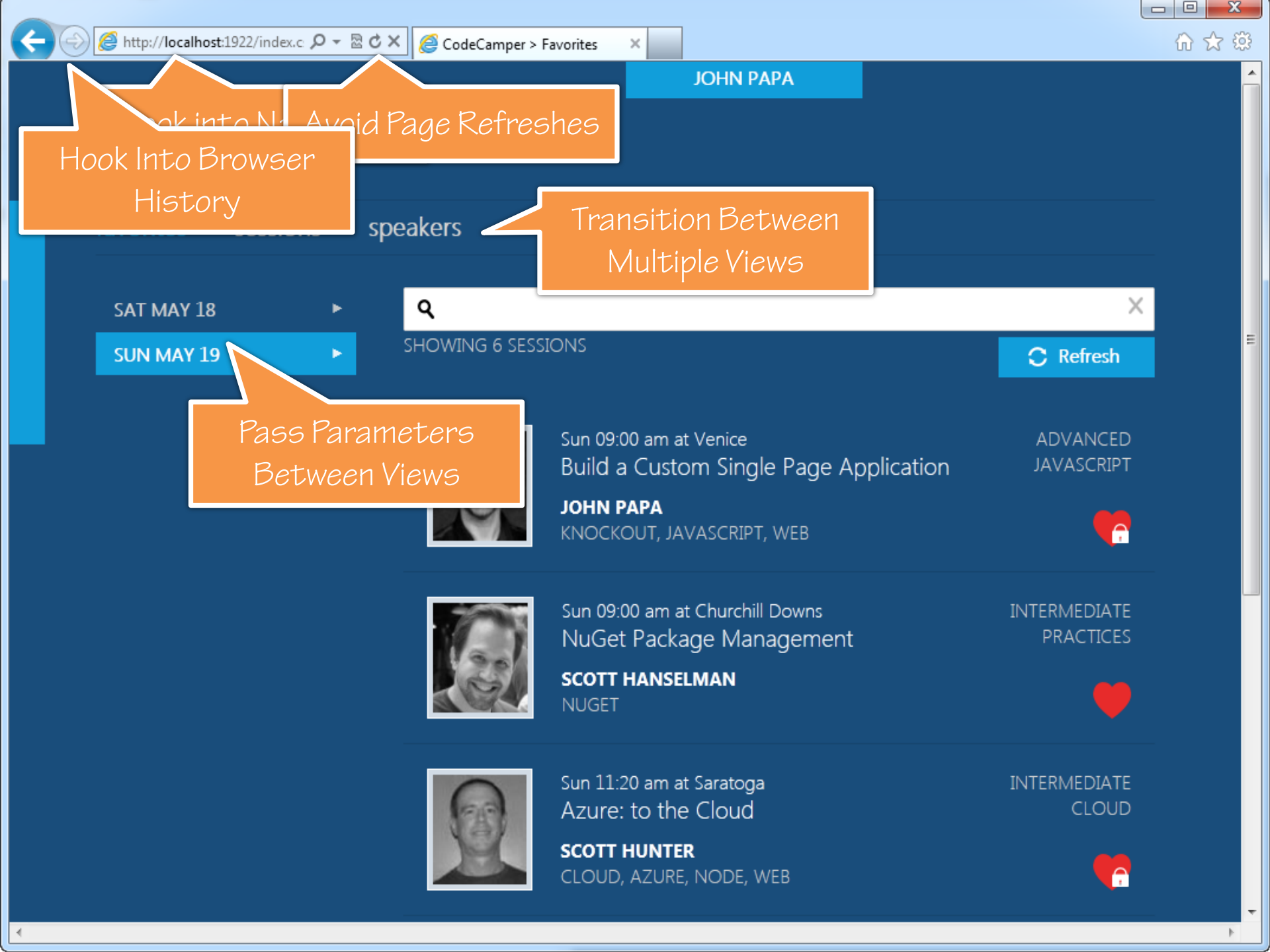
How SPA's Can Improve Perceived Performance

Avoid Complete Page Refreshes

Have the Data Ready to Go

Transitions and Animations

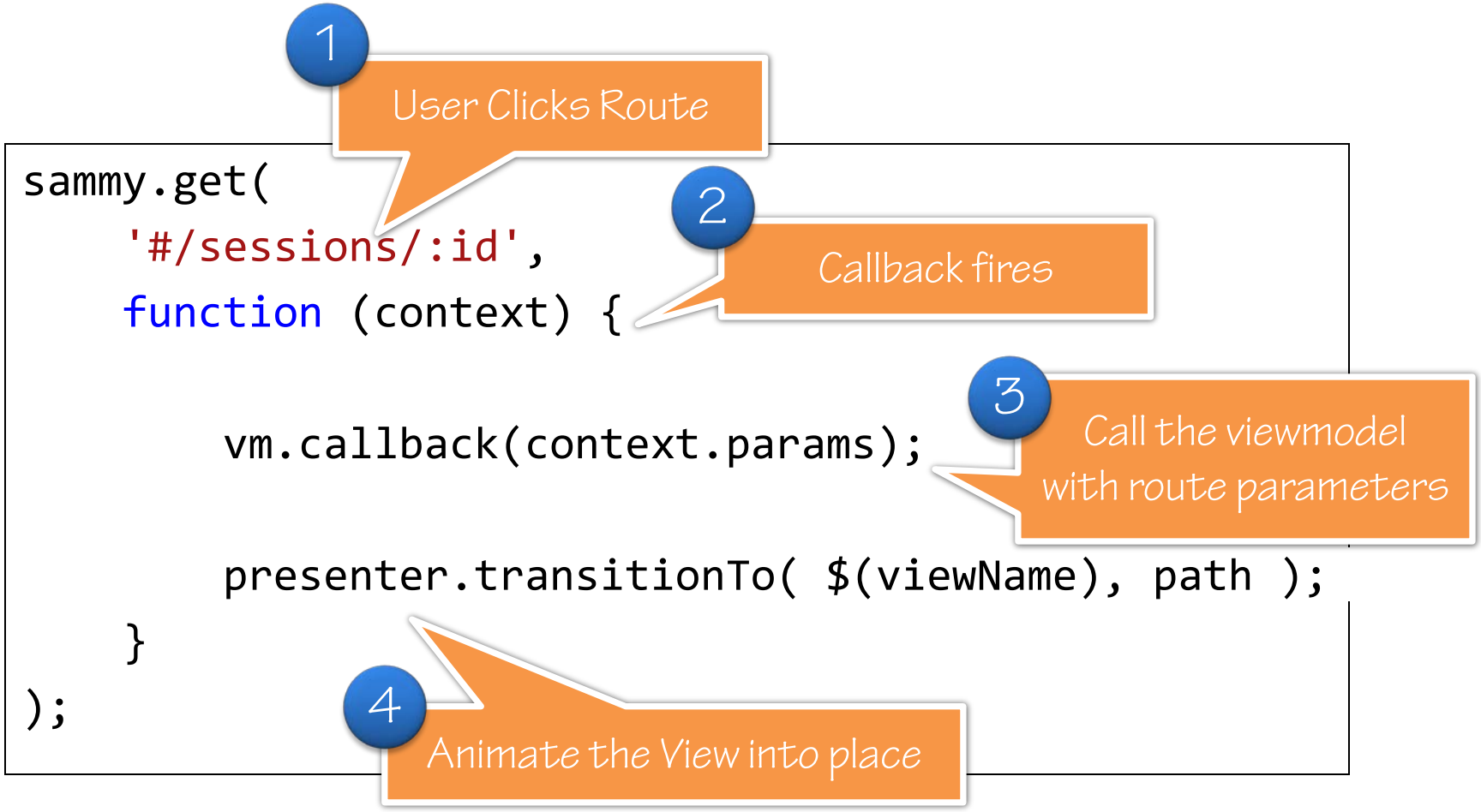
Router Module


http://localhost:1922/index.c
CodeCamper > Favorites
JOHN PAPA
Hook Into Browser History
Avoid Page Refreshes
speakers
Transition Between Multiple Views
SAT MAY 18
SUN MAY 19
Pass Parameters Between Views
SHOWING 6 SESSIONS
Refresh
Sun 09:00 am at Venice
Build a Custom Single Page Application
JOHN PAPA
KNOCKOUT, JAVASCRIPT, WEB
ADVANCED
JAVASCRIPT
Sun 09:00 am at Churchill Downs
NuGet Package Management
SCOTT HANSELMAN
NUGET
INTERMEDIATE
PRACTICES
Sun 11:20 am at Saratoga
Azure: to the Cloud
SCOTT HUNTER
CLOUD, AZURE, NODE, WEB
INTERMEDIATE
CLOUD

How Do We Get It?

www.sammyjs.org

Capturing a Route with Sammy



Agenda

- SPA Navigation
- View Transitions
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- Recall

Transitions Between Views

1. User Navigates
2. Capture Navigation
3. Activate ViewModel
4. Transition to View

Agenda

- SPA Navigation
- View Transitions
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- Recall

Amplify JS

http://amplifyjs.com

amplify.request

dataservice module

amplify.store

store module
(client storage for
old/new browsers)

amplify.publish

amplify.subscribe

messenger module

Navigation Options

- **Sammy.js**
  - http://sammyjs.org

- **Other Options**
  - history.js https://github.com/balupton/History.js/
  - davis.js http://davisjs.com/
  - simple-history.js https://github.com/jzaefferer/simple-history

Going Further with Navigation

- **Transitions**
  - Presenter module using jQuery animations
  - Future - CSS3 Transitions
- **Commanding**
  - KoLite – http://jpapa.me/kolitegh
- **Storage**
  - Store module using amplify.store - http://amplifyjs.com
  - HTML5 Only – Local storage
- **Messaging**
  - Messenger module using pub/sub - http://amplifyjs.com