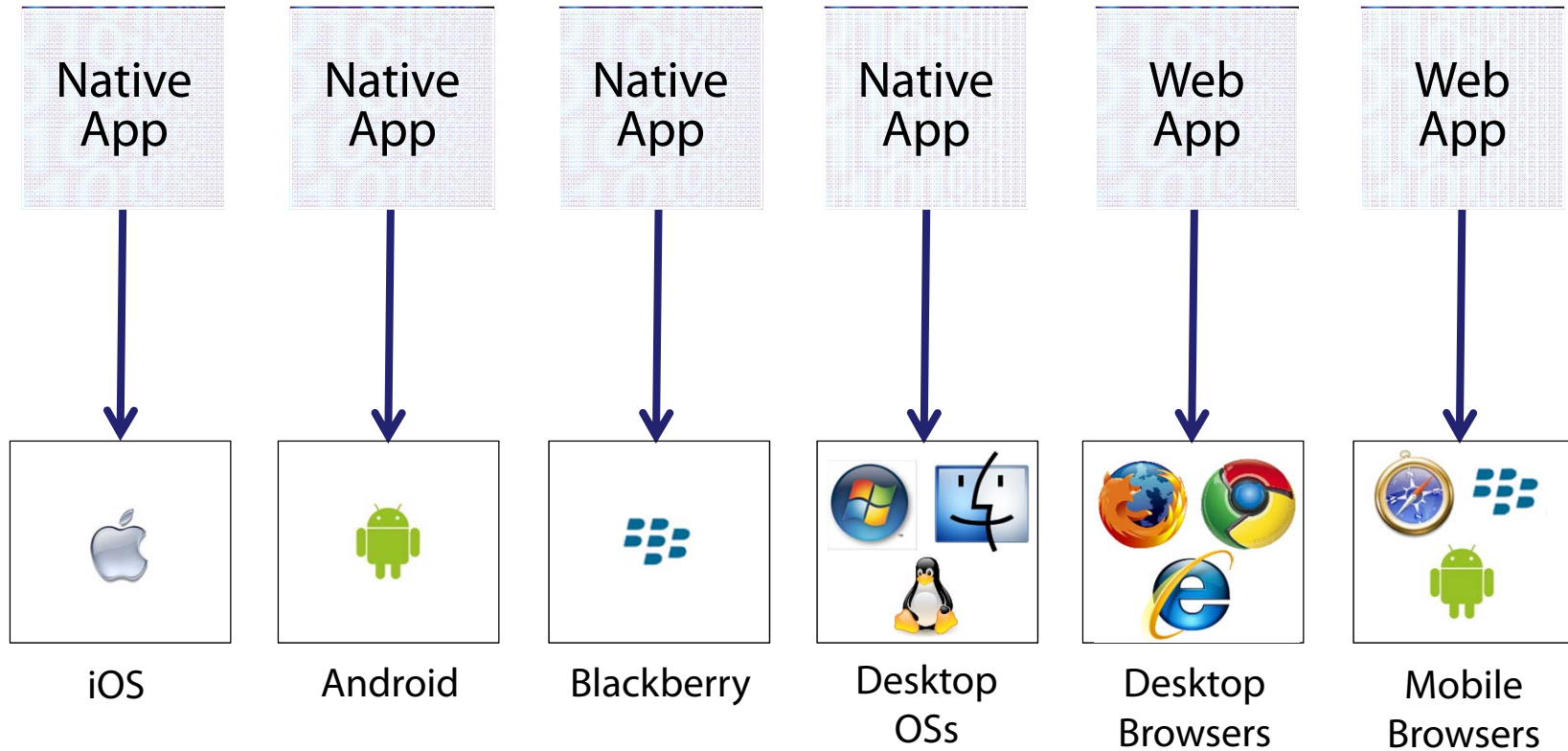


JUDCon

JBoss Users & Developers Conference

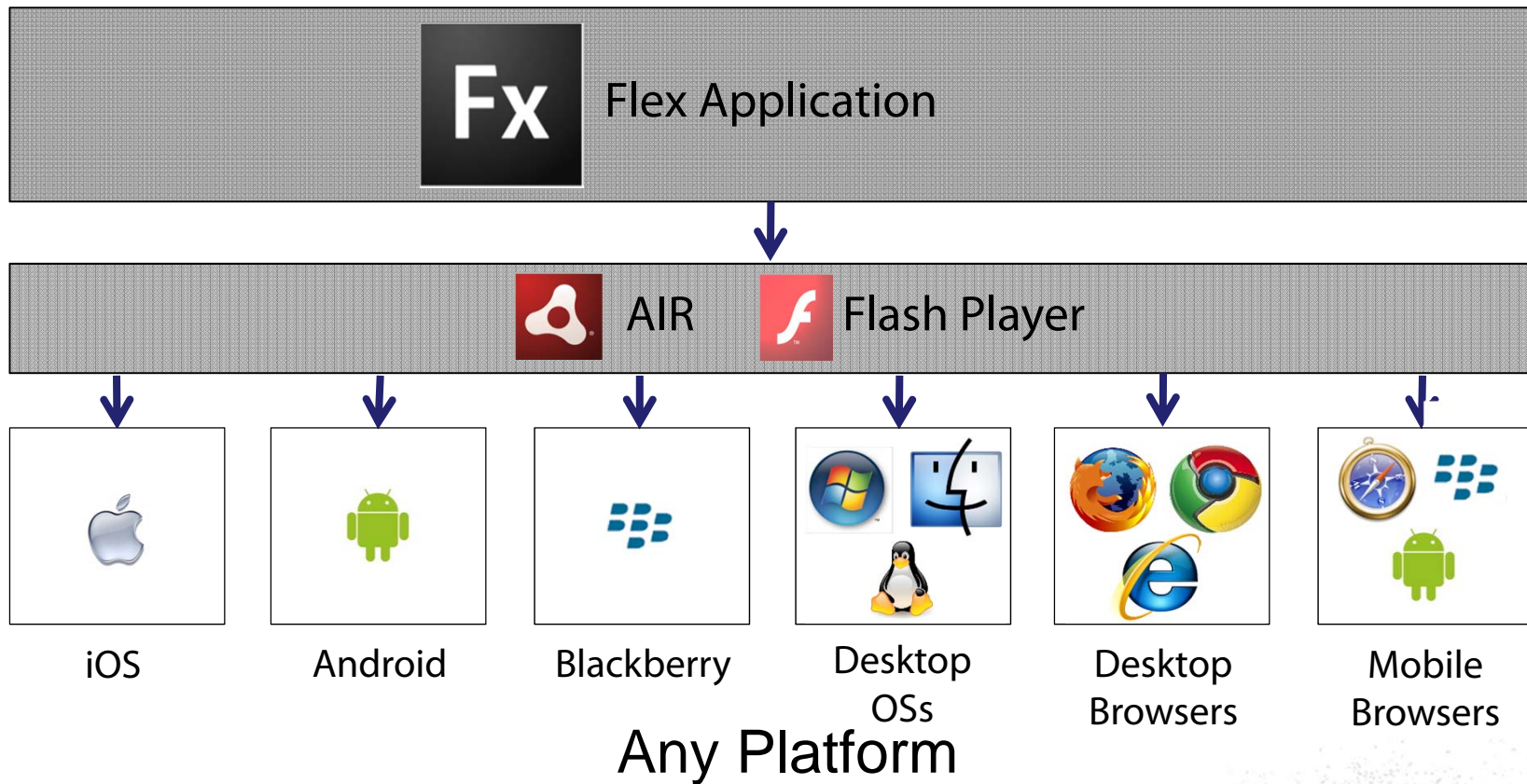
Boston:2011

Native Apps and Web Apps



Goal of the Flash Platform

One Tool, One Language, One Codebase



Flash Platform - A complete

Applications, Content and Video



Tools to Design and Develop



Adobe® Flash® CS4 Professional



Adobe® Flash® Catalyst™



Adobe® Flash® Builder™

Framework



Adobe® Flex®

Runtimes



Adobe® AIR®



Adobe® Flash® Player

Services



Adobe Flash Platform Services

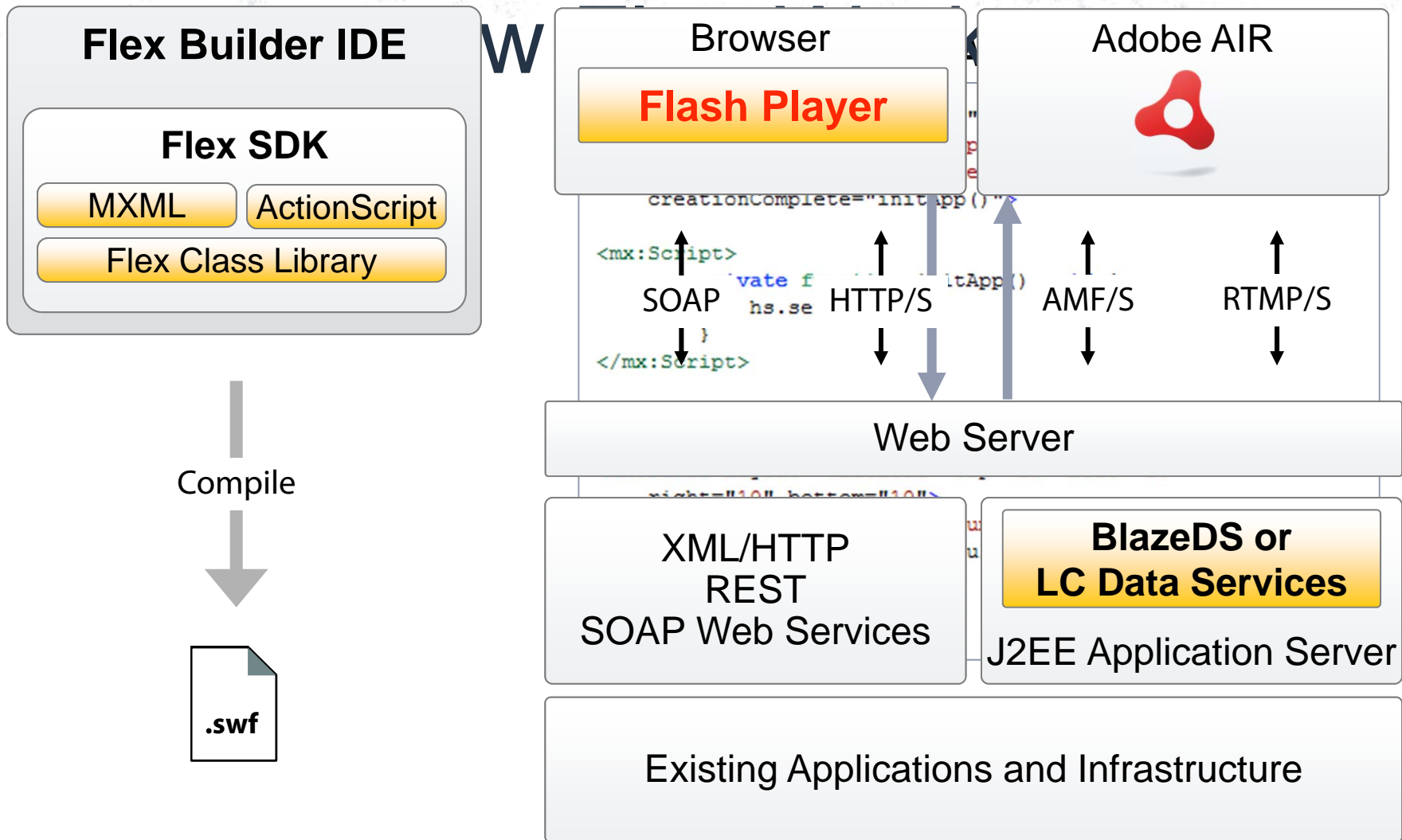
Servers



Adobe® Flash® Media Server Family



Adobe® LiveCycle® Data Services



Deploying AIR Mobile Applications



App.apk

Android Market

Android Device



App.air

App.ipk

iTunes App Store

iOS Device



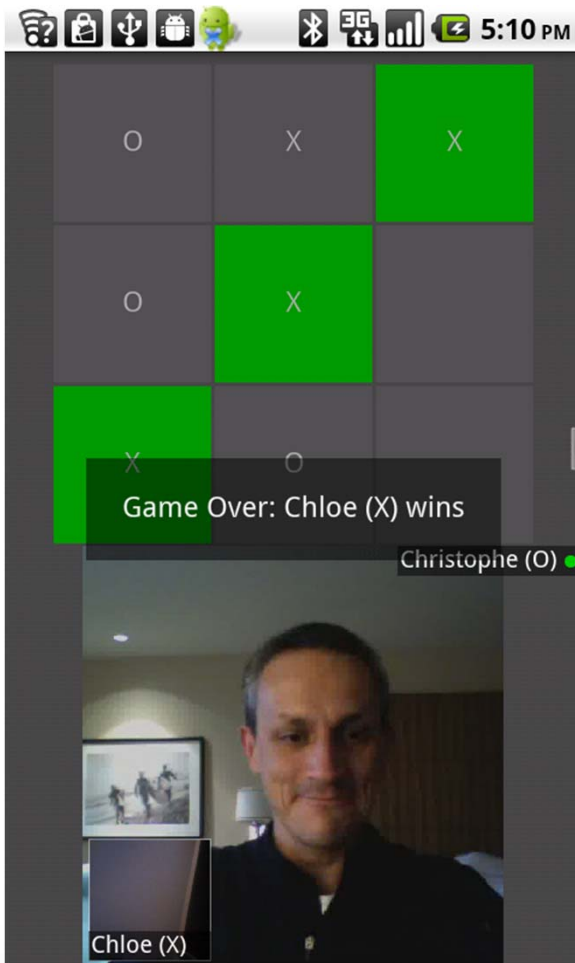
App.bar

BlackBerry App World

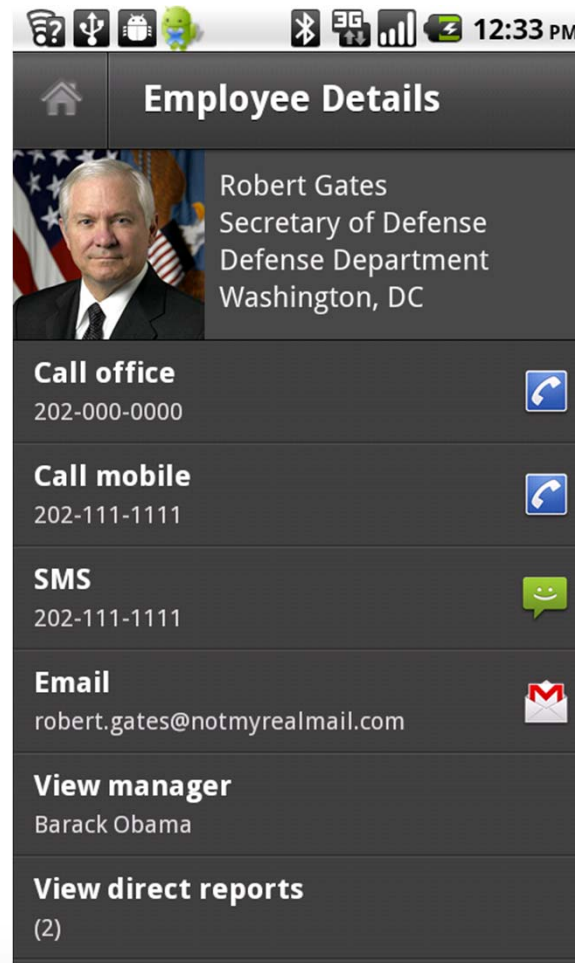
RIM Device

Mobile Applications in "Hero"

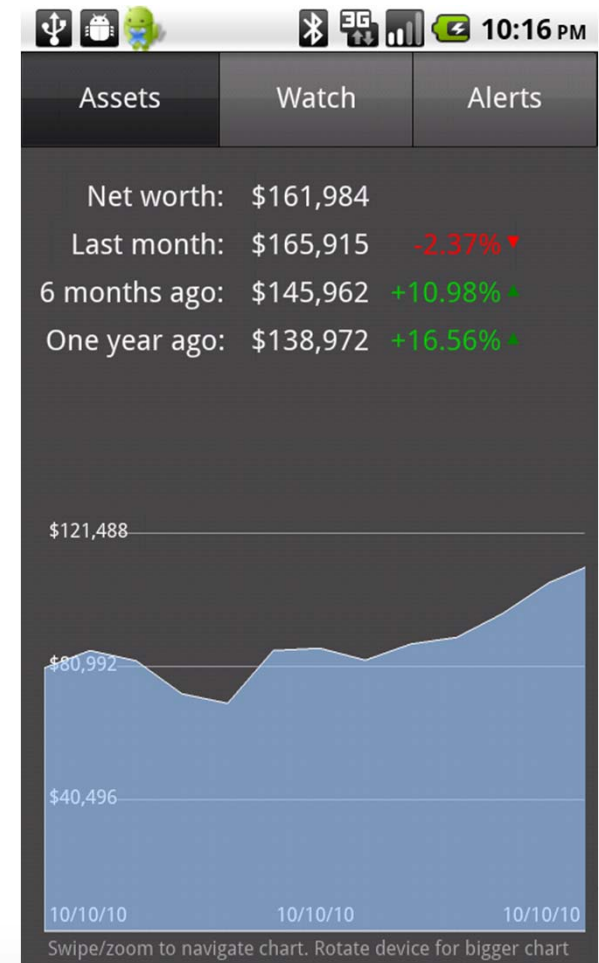
s:Application



s:ViewNavigatorApplication

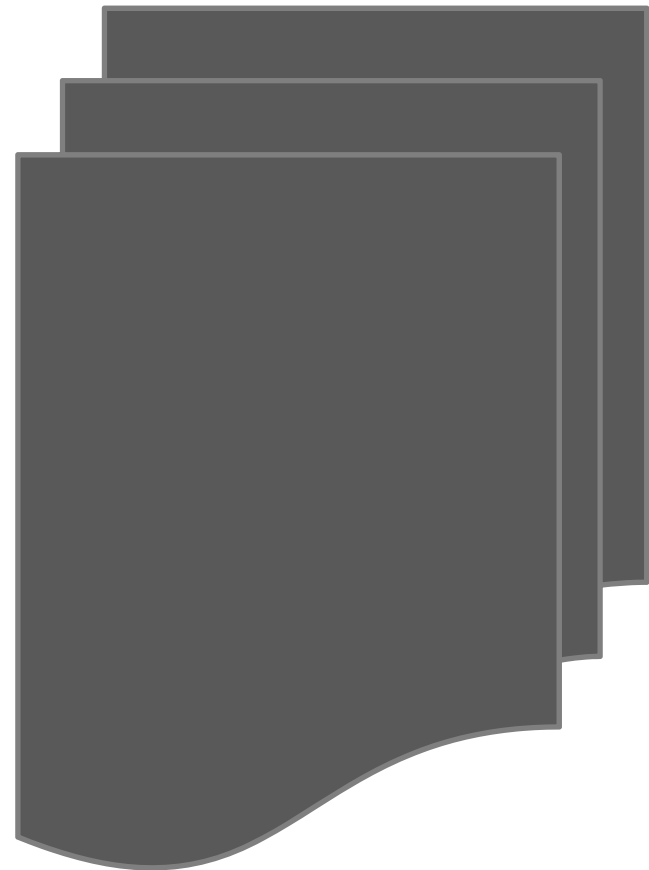


s:TabbedApplication



ViewNavigatorApplication and TabbedApplication

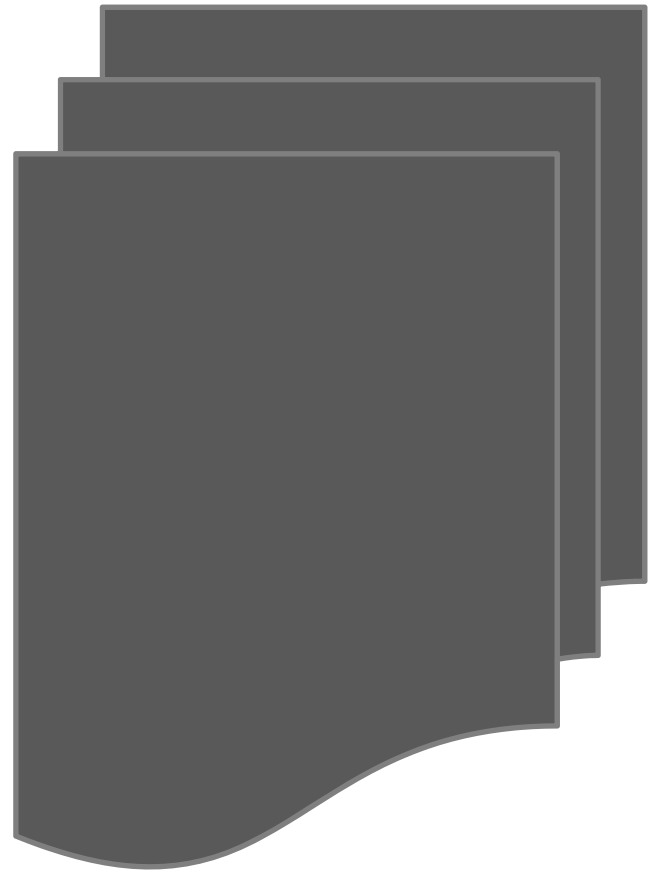
- View stack metaphor
 - View
 - ViewNavigator / TabbedViewNavigator
- Built-in mobile navigation experience
 - Action bar
 - Back button
 - Transitions
 - APIs



ViewNavigator API

- `navigator.pushView();`
- `navigator.popView();`
- `navigator.popToFirstView()`

- `navigator.activeView;`



ActionBar



navigationContent

titleContent

actionContent

```
<s:View xmlns:fx=http://ns.adobe.com/mxml/2009 ...  
  title="Expenses">
```

```
  <s:navigationContent>
```

```
    <s:Button icon="@Embed('assets/home.png')"/>
```

```
  </s:navigationContent>
```

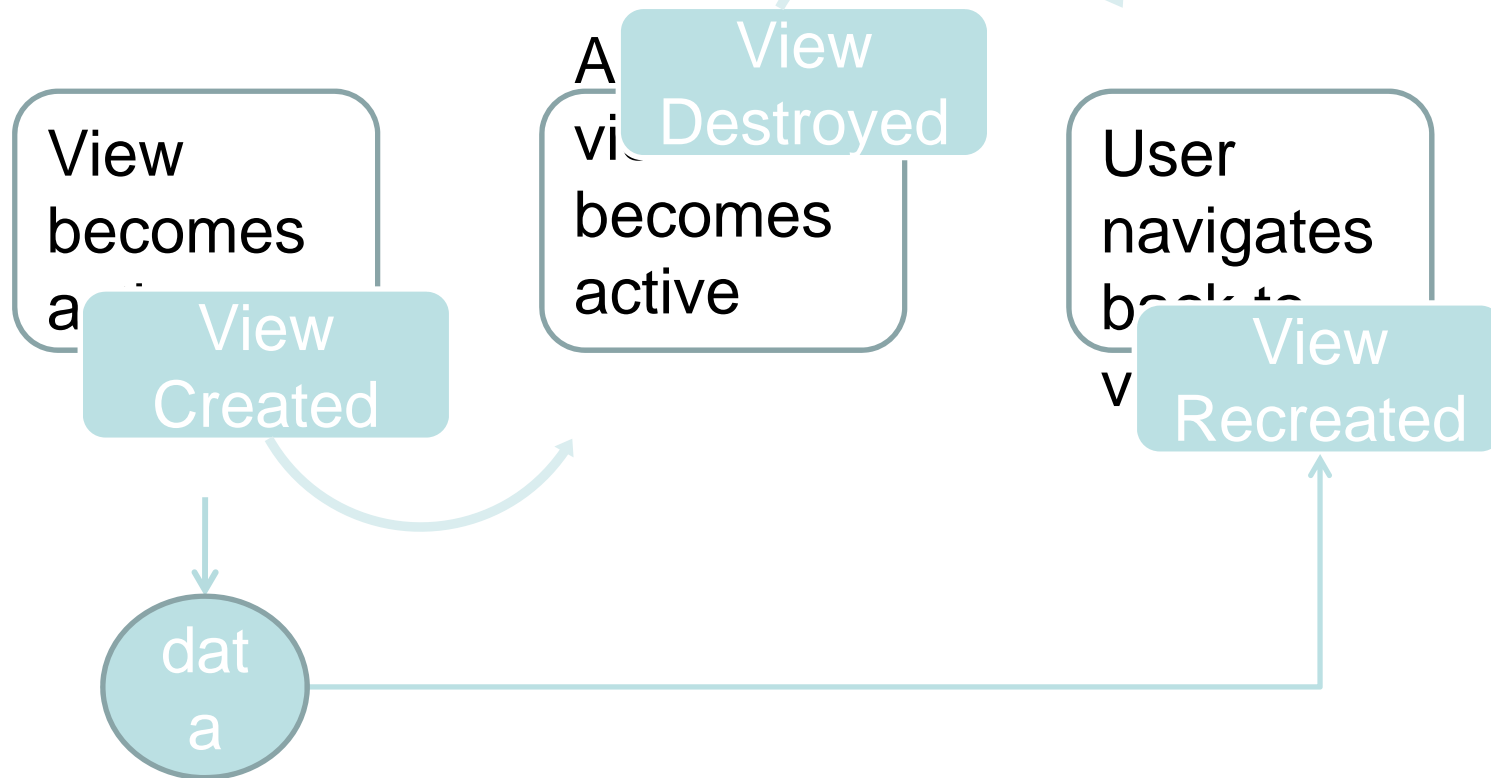
```
  <s:actionContent>
```

```
    <s:Button label="+"/>
```

```
  </s:actionContent>
```

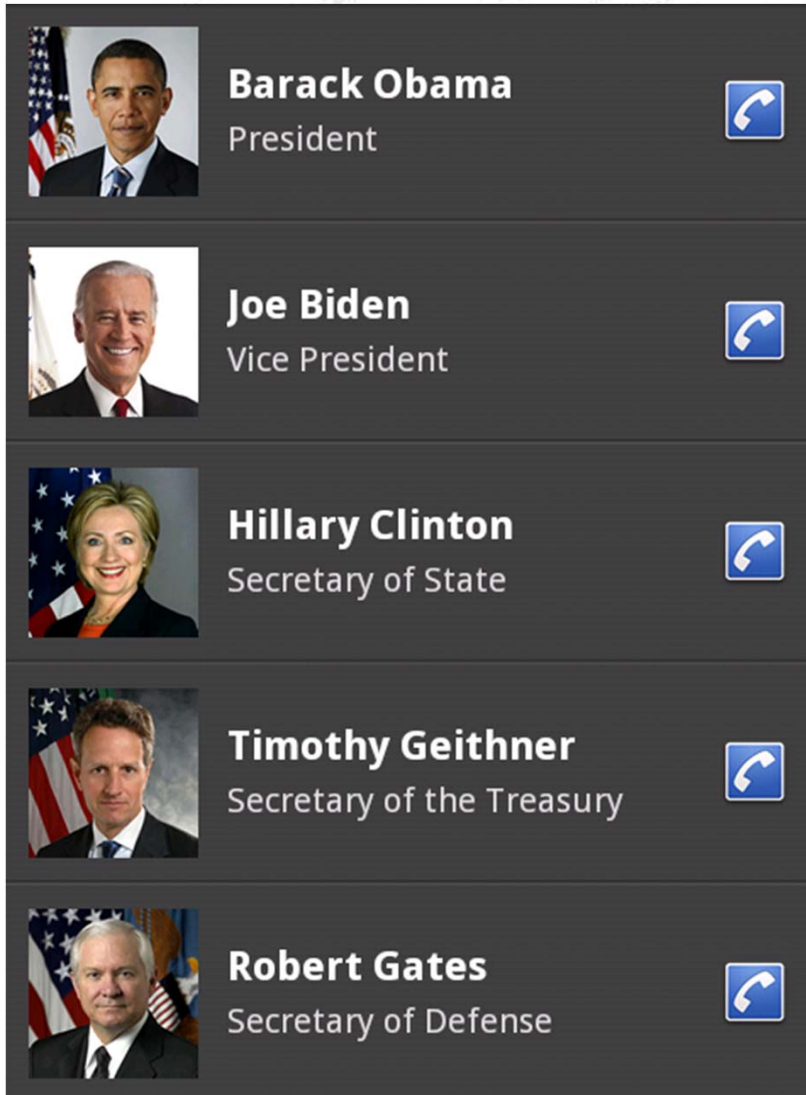
```
</s:View>
```

View Lifecycle



- Alternative option: `destructionPolicy="none"`

Mobile ItemRenderers



Barack Obama
President

Joe Biden
Vice President

Hillary Clinton
Secretary of State

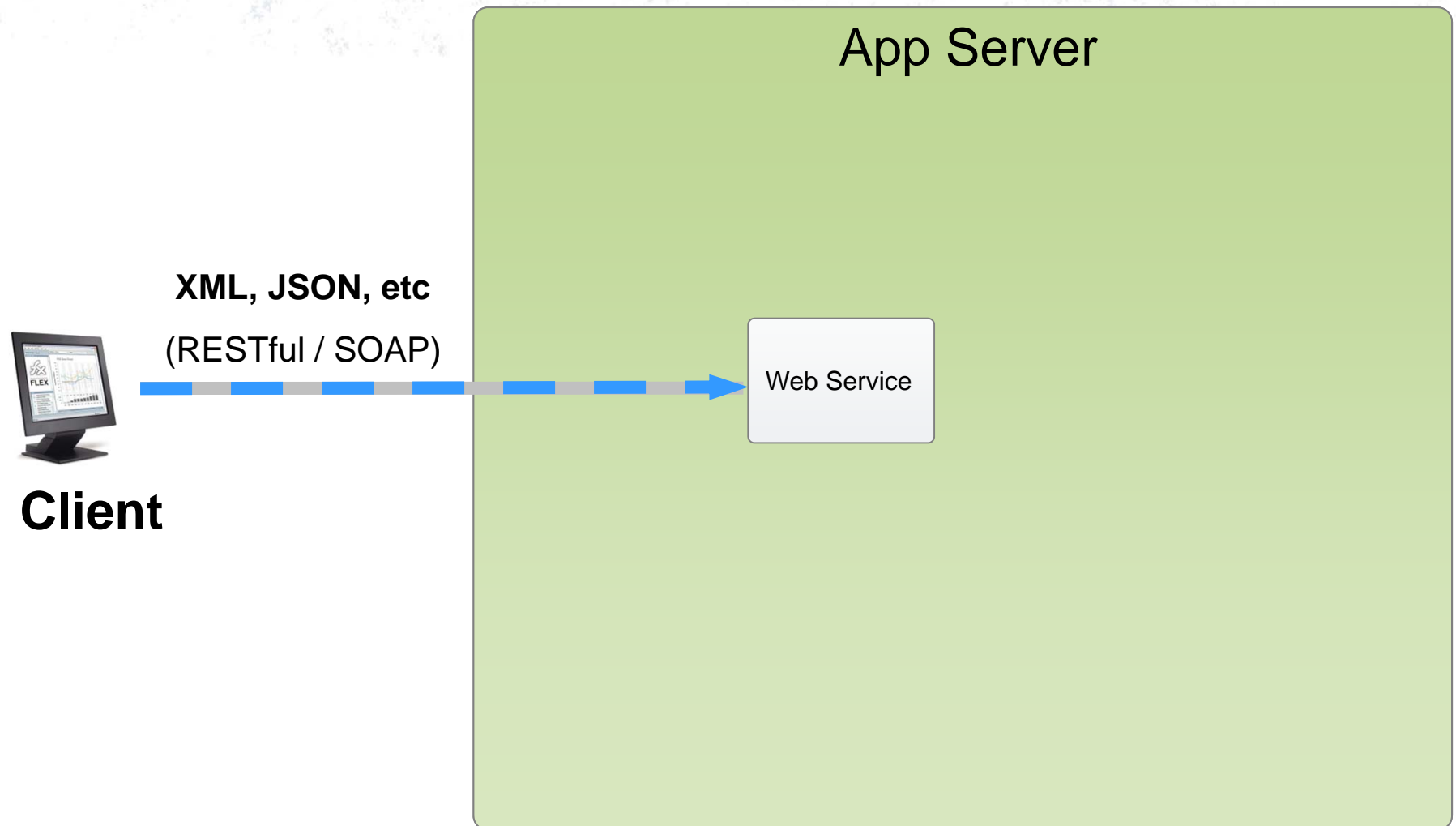
Timothy Geithner
Secretary of the Treasury

Robert Gates
Secretary of Defense

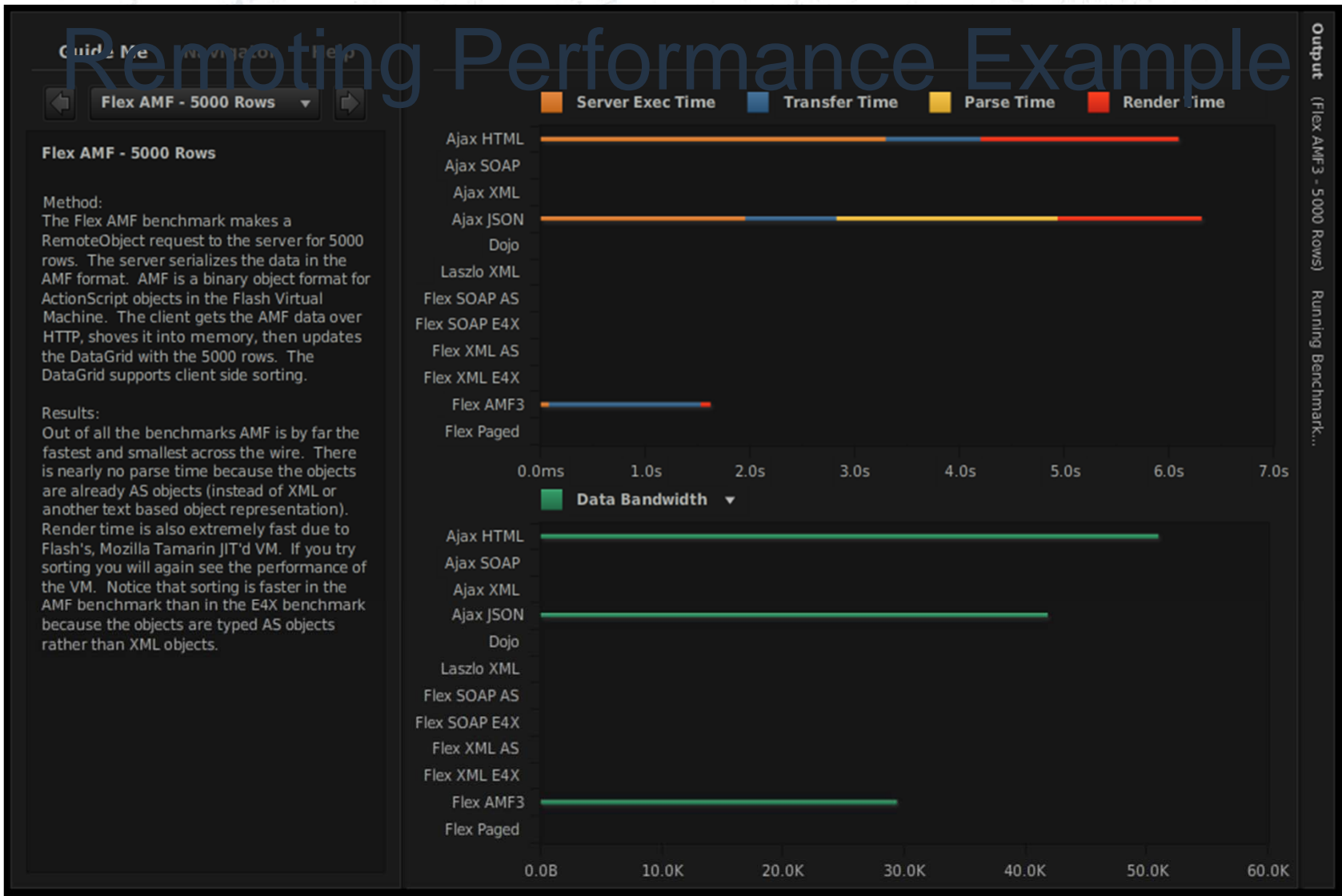
- ItemRenderer
- IconItemRenderer

```
<s:IconItemRenderer  
    labelField="lastName"  
    messageField="title"  
    iconField="picture"  
    decoratorClass="phoneIcon">
```

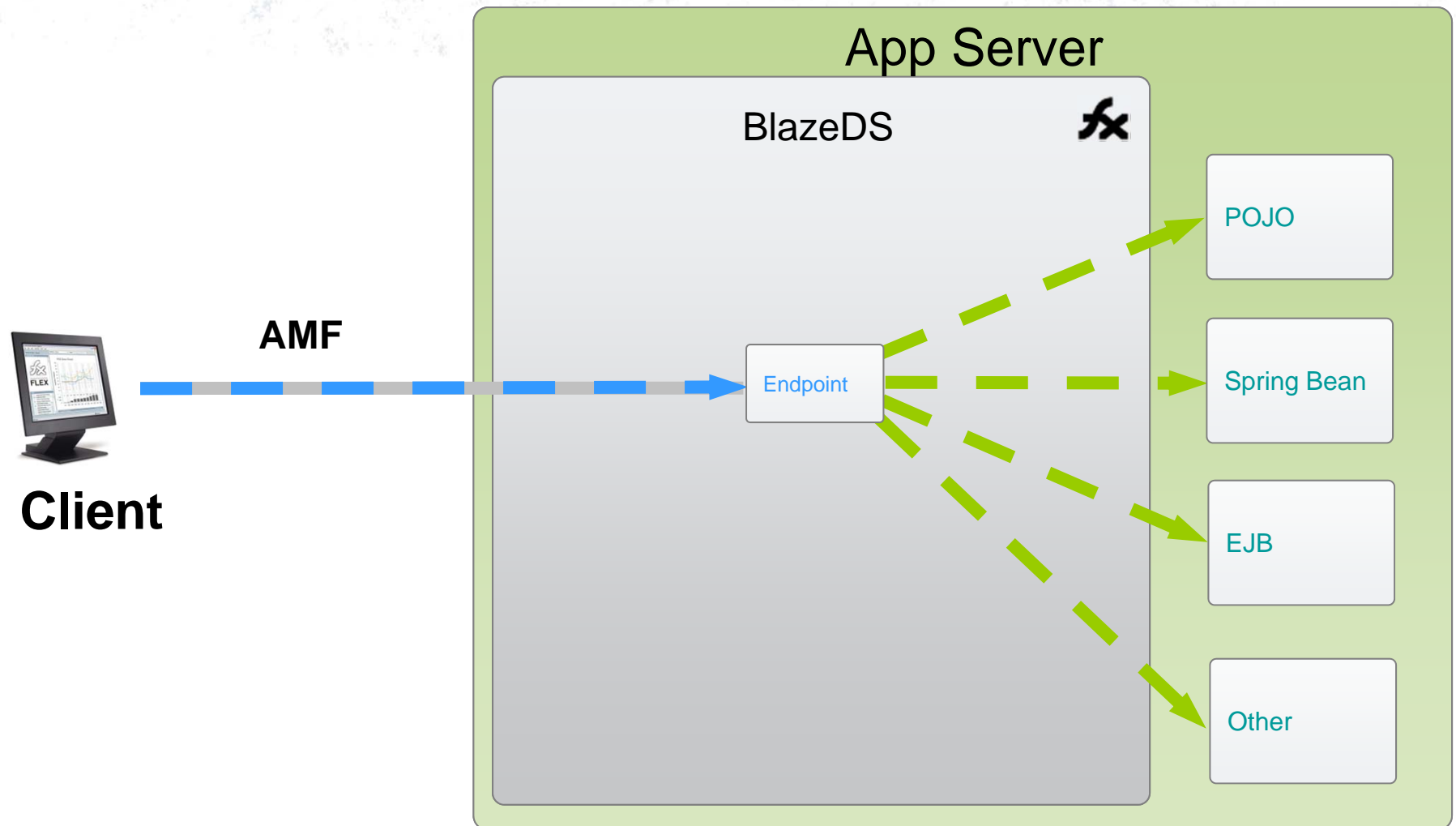
Flex with Java via Text-based Serialization



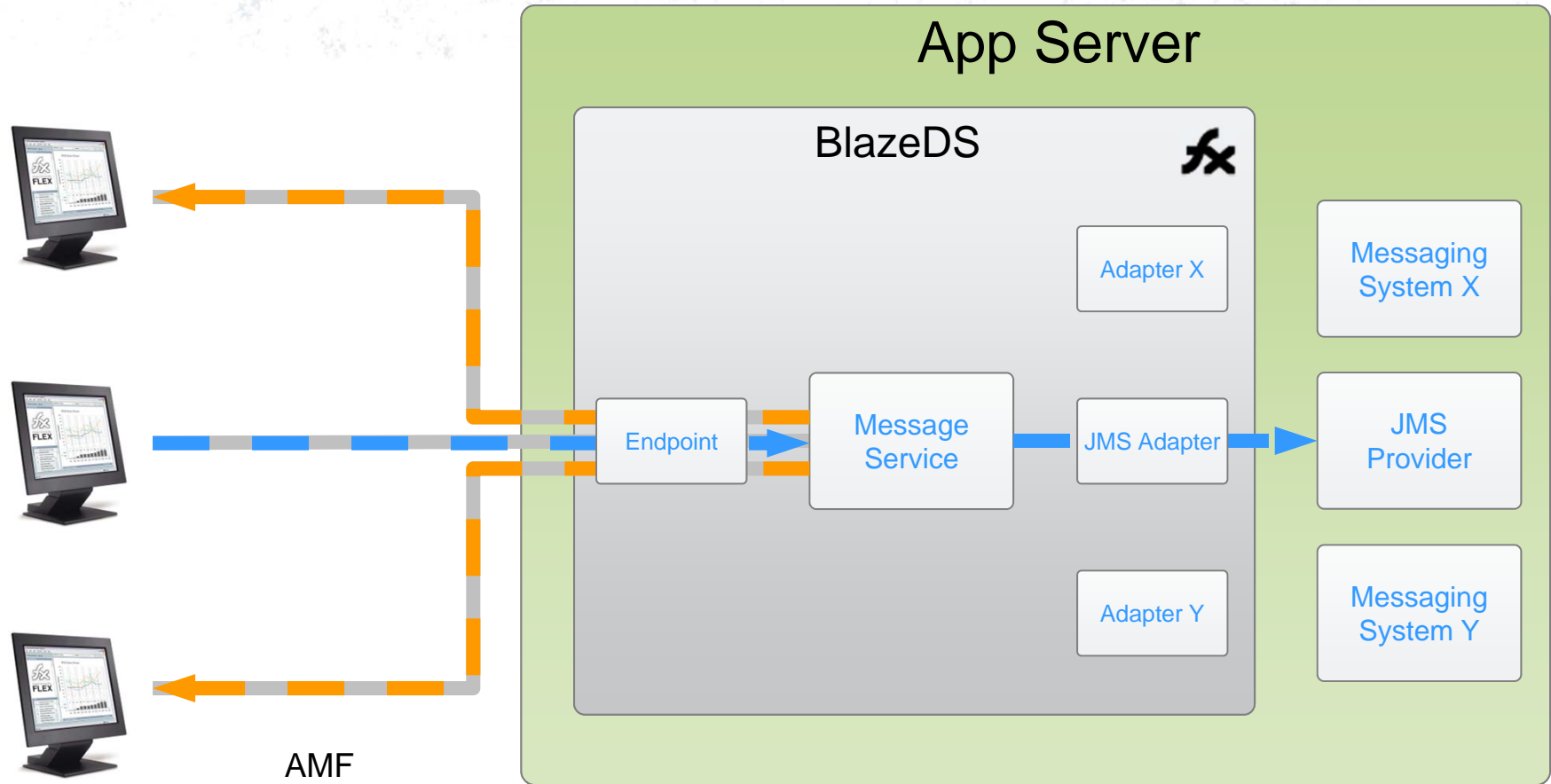
Remoting Performance Example



Flex with Java via Binary Serialization



Flex with Java via Messaging



— Publisher
— Subscriber