

# Flex and Java

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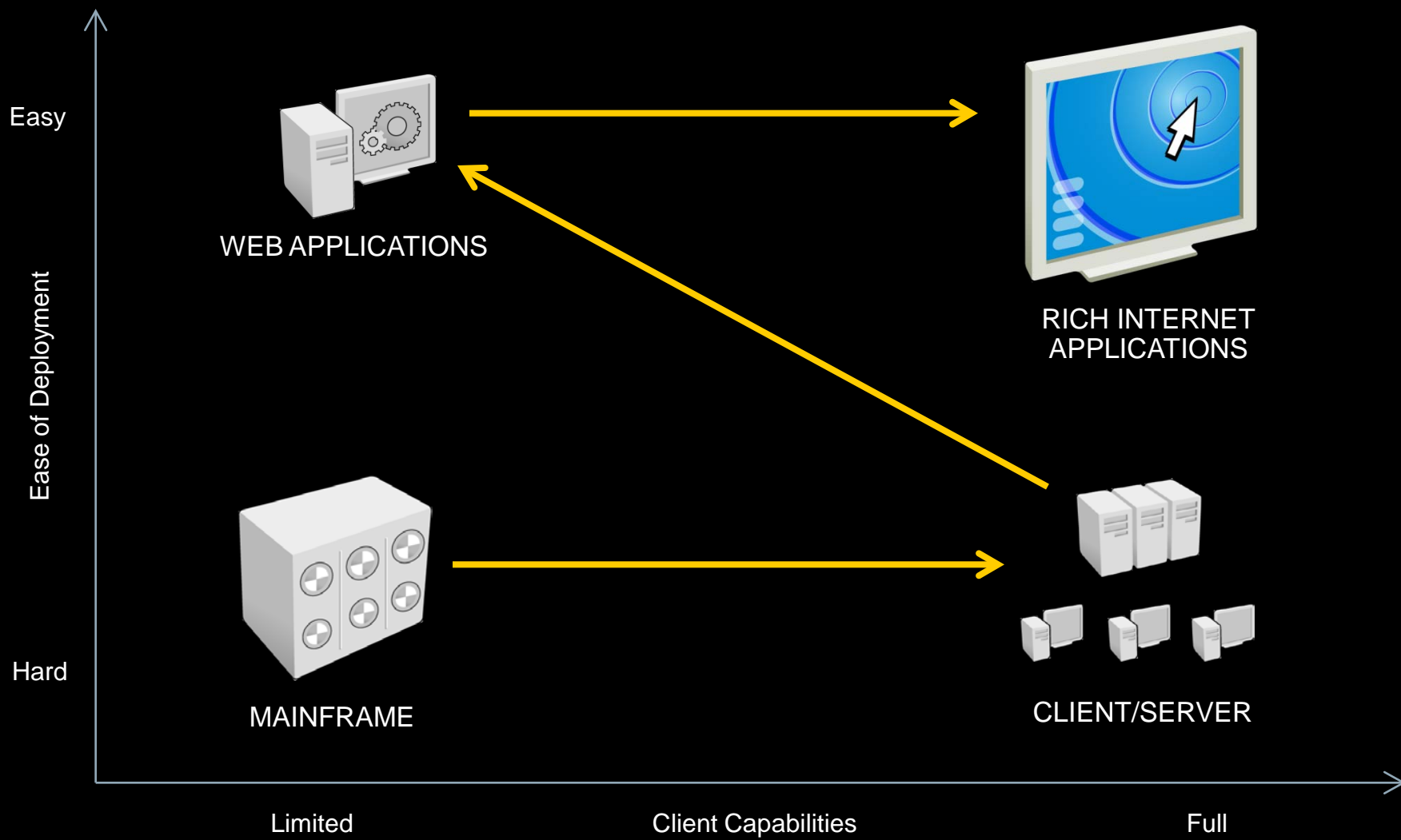


# About James Ward

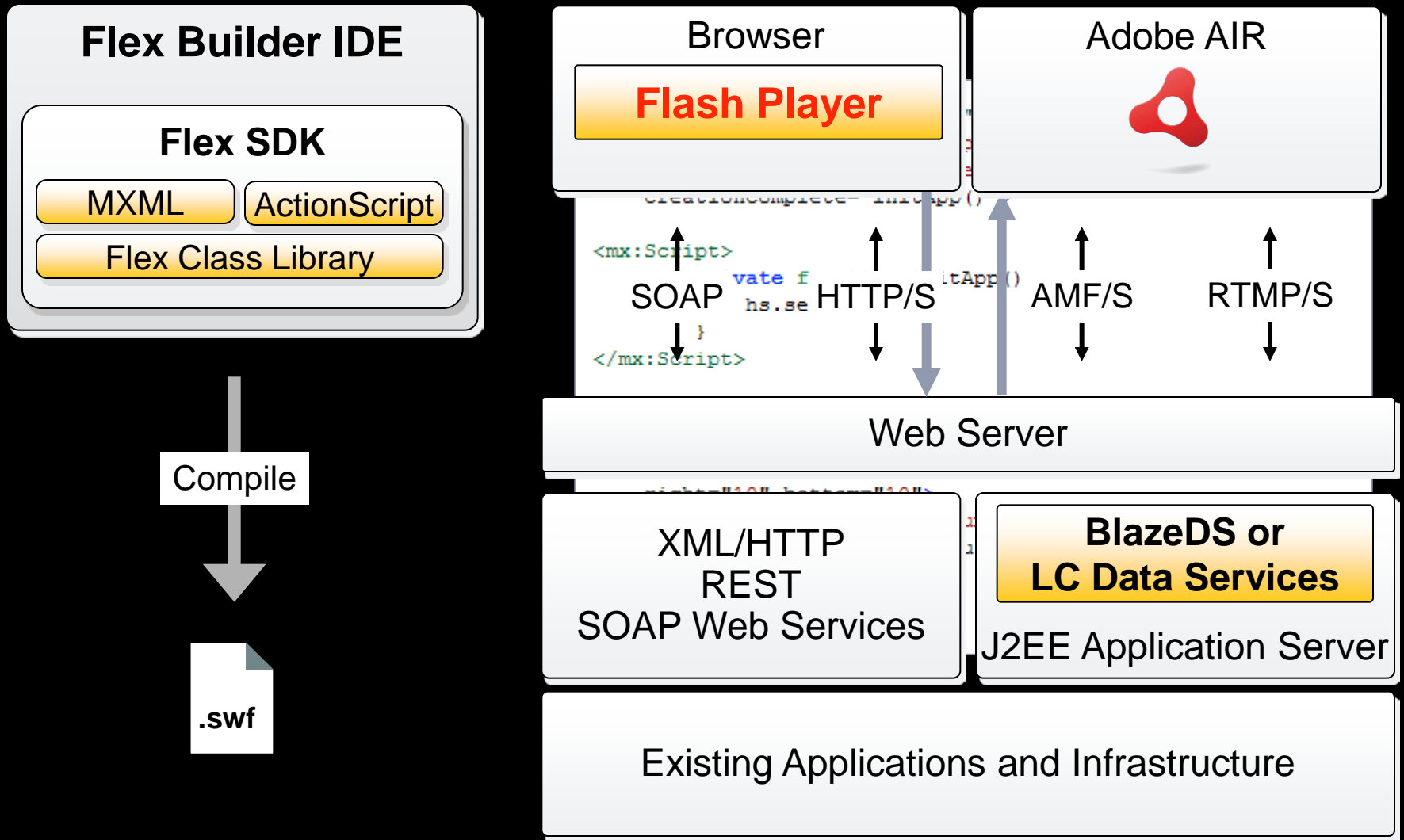
- I want to be a cowboy
- Co-authored First Steps in Flex with Bruce Eckel
- Java Developer since 1997
- Adobe's JCP Rep for JSR-286, JSR-299, and JSR-301



# Applications have evolved



# How Flex Works



# Tour de Flex - flex.org/tour

The screenshot displays the Adobe Flex Tour website interface. On the left, a navigation pane lists 'Flex Core Components' with sub-categories like 'UI Controls', 'Data Entry Controls', 'Buttons', 'Containers', 'Effects', 'Formatters', 'Validators', 'Charting', and 'Coding Techniques'. The 'Buttons' category is expanded, showing 'Button', 'PopupButton', 'ToggleButtonBar', 'ButtonBar', 'LinkBar', 'LinkButton', 'TabBar', 'List Controls', 'Tree and Grid Controls', and 'Other Controls'. The main content area is titled 'Button' and features a 'Sample 1' preview showing four button styles: 'Default Button', 'Button With Icon', 'Skinned Button', and 'CUSTOM SKIN'. Below the preview is an 'ActionScript' code editor showing the following code:

```
<code><?xml version="1.0" encoding="utf-8"?>
<!-- Application xmlns:mx="http://www.adobe.com/2006/mxml" layout="horizontal" viewSourceURL="
verticalAlign="middle" horizontalAlign="center" backgroundColors="{#000000,0x}
<mx:Script>
<![CDATA[
import mx.controls.Alert;
]]>
</mx:Script>
<mx:Panel title="Button Control Example" layout="vertical" height="100" color="#00FFFFFF"
paddingTop="10" paddingRight="10" paddingBottom="10" paddingLeft="10" horizontalAlign="
<mx:Box horizontalGap="10" verticalAlign="middle">
<!-- normal Button -->
<mx:Button id="defaultButton" color="#003333" label="Default Button" click="{Al
<mx:Button id="iconButton" label="Button With Icon" labelPlacement="right" paddi
icon"><img alt="arrow icon" data-bbox="580 430 600 450" />
</mx:Button id="skinnedButton" label="CUSTOM SKIN" />
</mx:Box>
</mx:Panel>
</code>
```

At the bottom of the page, there is a footer with the following information: ©2008 Adobe Inc. All Rights Reserved, Version: 3.0 RC3, List Version: 2008-11-10.2, Samples: 218.

# FAQ

Unit / Automated Testing	Flex Unit, Mock-AS3, Flex Monkey, etc
Cross Platform Consistency	Browsers: Firefox, Safari, IE, Opera, etc OS: Linux, Mac, Windows 64 bit: In development
Mobile	Coming Soon... Android, Palm, Nokia, Blackberry, etc <a href="http://www.openscreenproject.org">www.openscreenproject.org</a>
Build / CI	Ant Tasks, Hudson Integration, etc
Maturity	Mission Critical Flex Apps at: Oracle, Boeing, Fidelity, FedEx, SAP, eBay, Yahoo, Cisco, IBM, Deutsche Bank, etc.

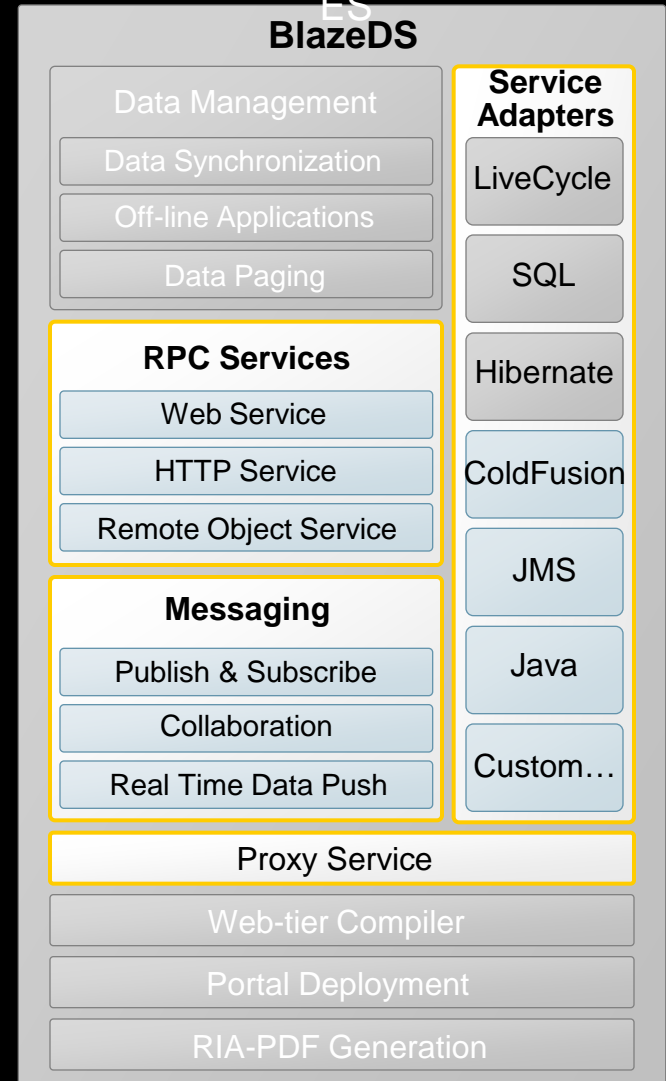
# Introducing Open Source BlazeDS

**BlazeDS is the remoting and HTTP-based messaging technology which Adobe is contributing to the community under LGPL v3**

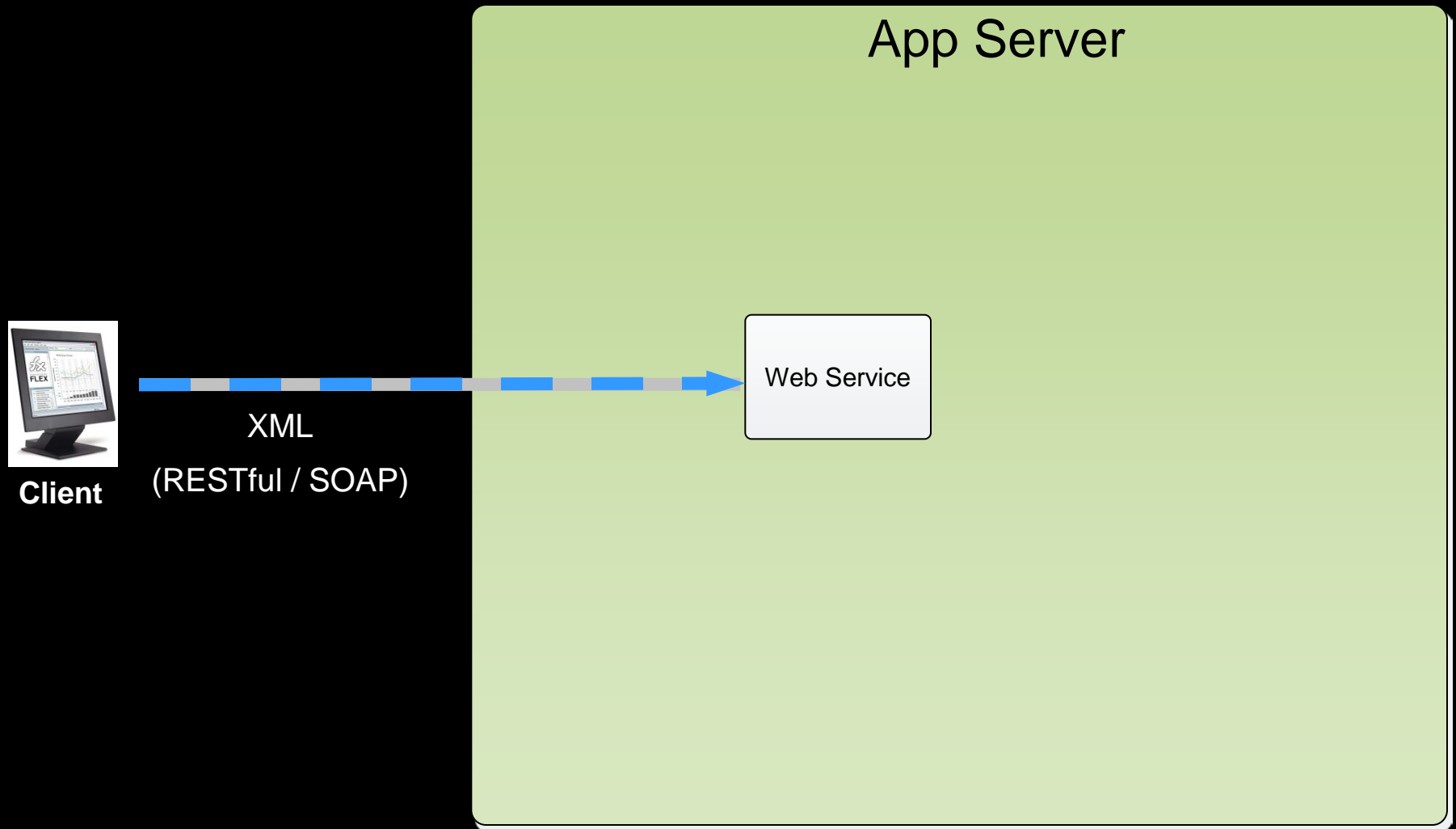
- **Capabilities**
  - Easily connects Flex & AIR applications to existing server logic
  - High performance data transfer for more responsive applications
  - Real-time data push over standard HTTP
  - Full pub/sub messaging that extends existing messaging infrastructure
- Publication of the Action Message Format (AMF3) binary data protocol specification
- Certified builds, warranty protection and enterprise support subscriptions available

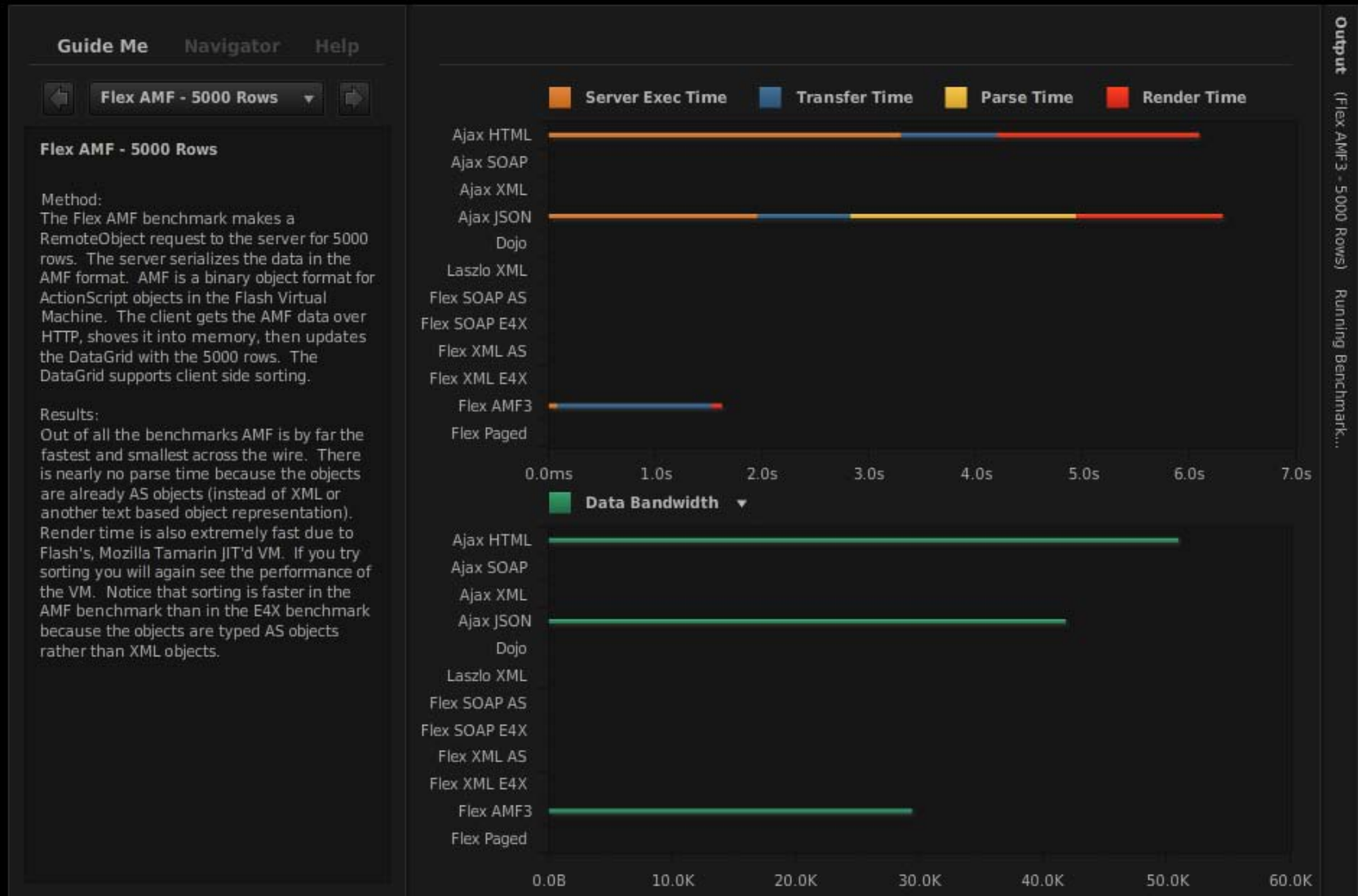
## LiveCycle Data Services

### ES BlazeDS

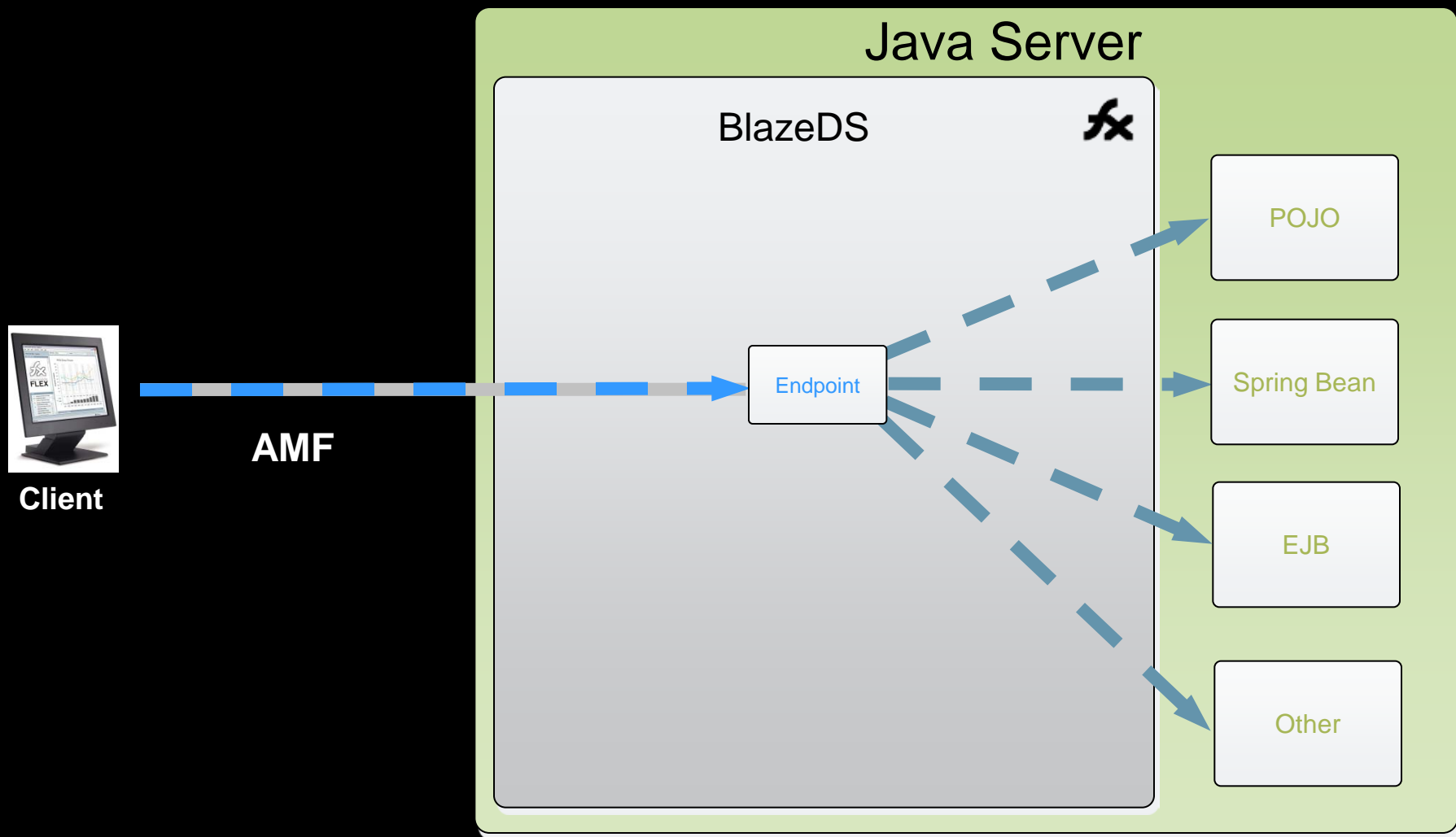


# Flex with Java via XML (RESTful / SOAP)





# Flex with Java via Remoting



# Flex with Java via Messaging

