

Data synchronization for RIA applications

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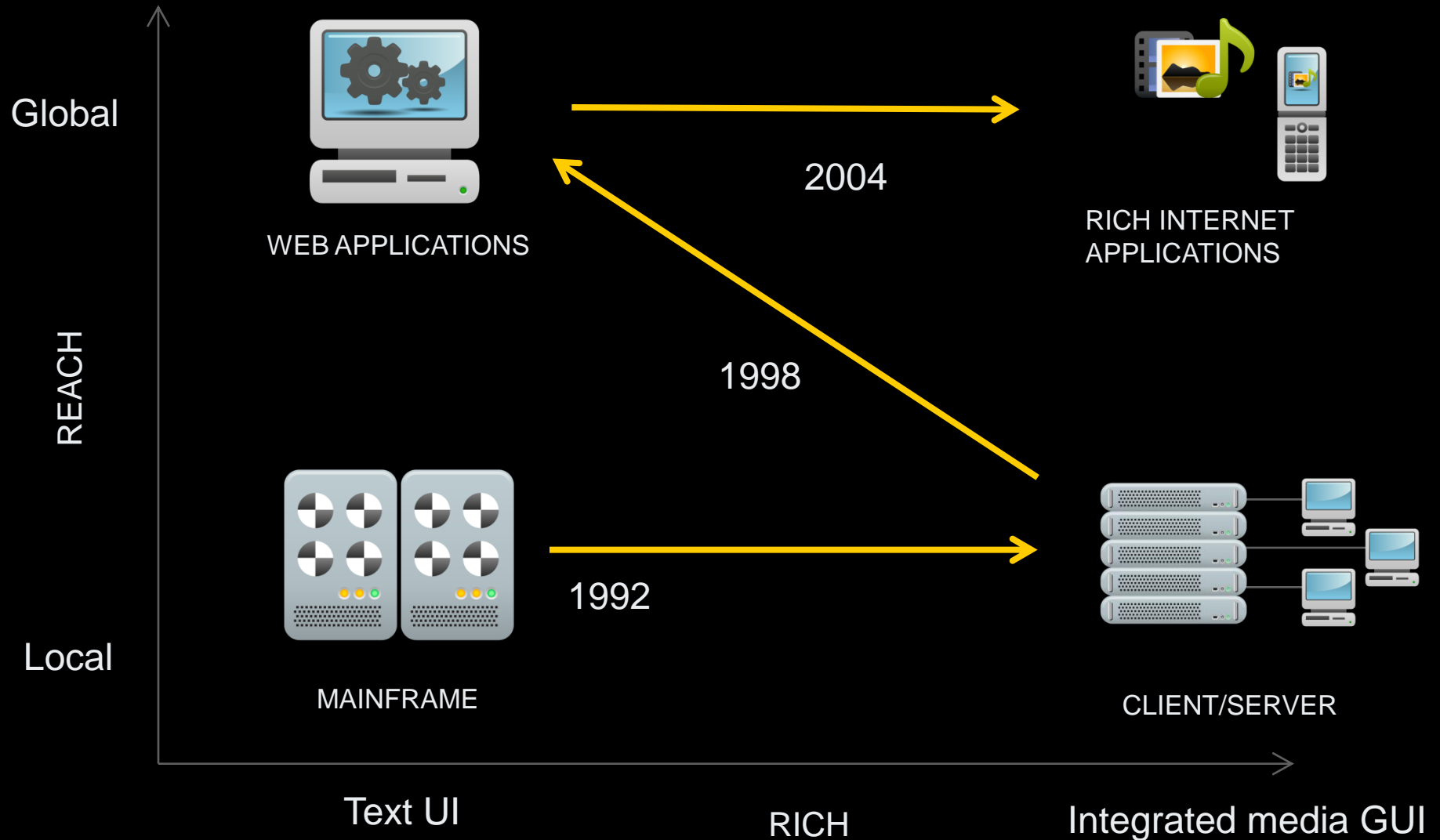
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Adobe

2006

Applications have evolved



Anatomy of a Rich Internet Application

Personalized Menus & Navigation Controls

Bi-Directional
Audio & Video

Real Time
Data
Push &
Alerting

Data
Visualization

Resizable Views / Transitions

Collaboration / Chat

Rich Data Entry

Mapping,
Geo-Coding,
Annotations &
White
boarding

Data
Synchronization
& Conflict
Resolution

Offline

HOME EMAIL CONTACTS MY GALLERY VIDEOS WEB STUFF HELP & SUPPORT PERSONALISE LOG OUT

Portfolio

Symbol	Name	Open	Last	Change	High	Low
ADBE	Adobe Systems Incorporated	39.20	39.32	.12	40.57	39.11
	American International Group Inc	62.92	64.14	.11	64.04	61.21
	Boeing Company	83.45	81.41	.15	84.28	79.72
	Citigroup Inc	48.18	47.79	-.16	49.92	47.59
	Coca-Cola Bottling Co. Consolidated	48.20	49.80	-.18	51.05	47.24
	Conocophillips	67.14	66.75	-.09	69.40	64.79
	Corp New	58.95	60.60	.23	61.30	58.21
		33.61	34.88	.08	35.07	33.21
	Genzyme Corporation	61.16	63.49	-.18	63.88	59.87
GM	General Motors Corporation	19.80	19.79	-.04	20.63	19.56
GOOG	Google Inc	417.93	451.12	.58	457.21	417.02
IBM	International Business Machines Co	82.34	79.94	-.14	84.40	79.81
JBLU	JetBlue Airways Corporation	10.57	11.00	.00	11.21	10.57
MCD	McDonald's Corporation	34.57	34.45	-.04	35.58	33.57
MOT	Motorola, Inc.	21.35	21.28	-.09	21.62	20.57
SAP	SAP AG	54.63	54.92	-.03	56.27	54.22
VZ	Verizon Communications	33.03	31.42	-.15	34.17	31.54
	Walmart Stores	45.62	44.80			
	Mobile Corp	61.56	59.59			

Regional Breakdown [Jan-04]

Japan

Latin America

Map Hybrid Satellite

Bank of America - ATM

Adobe

601 Townsend Street

San Francisco

State CA

Zip 94107

Industry Computers

Data Conflicts

Someone else has just revised differences are:

Company:

Yours 601 Townsend Street

Server 600 Townsend Street

Use Yours Use Server

Send

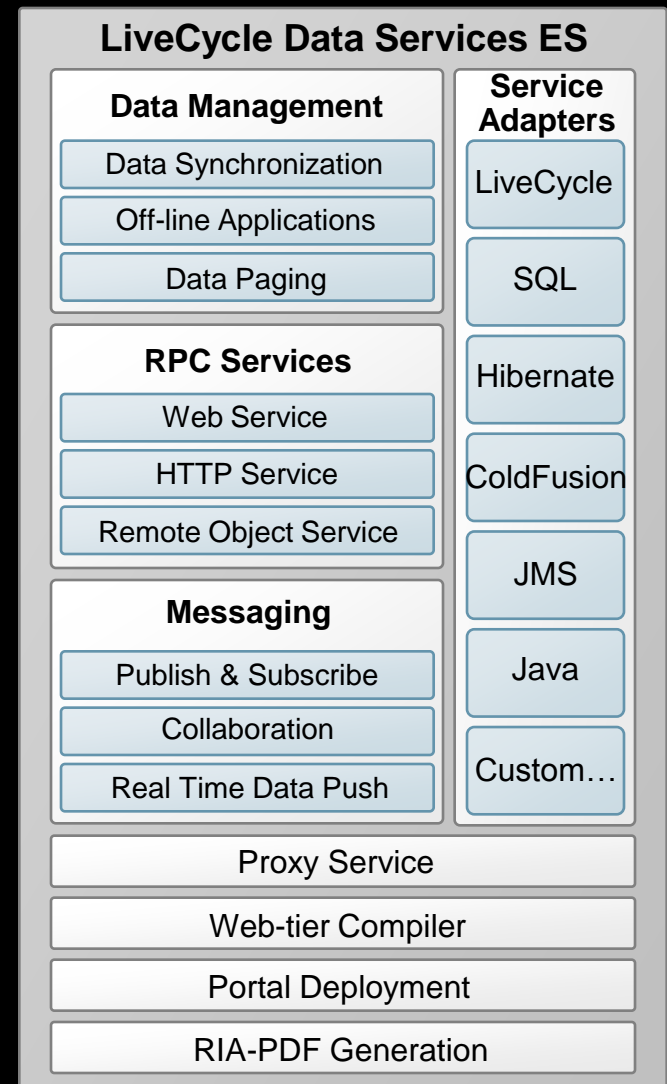
Save for Later

Chat [Tom]

Tom: Check out the sales results for APAC this quarter.

LiveCycle Data Services Overview

- Publish/Subscribe messaging infrastructure for building push and collaborative applications
- Straightforward programming model for communicating with back-end systems
- Automatic data synchronization
- Offline synchronization for AIR applications
- RIA to PDF document generation
- LiveCycle document and process services integrations



Other solutions

- **Lightstreamer** – push engine for any type of client; it is a standalone server and runs on every platform
- **Kaazing** – WebSocket server that emulates duplex communication between any type of web client and backend
- **Liberator** – streaming server written in C, runs only on Linux, optimized especially for performance
- **Granite Data Service** – similar to BlazeDS and Lifecycle Data Services, open source
- **WebORB** - similar to BlazeDS and Lifecycle Data Services, has support for many types of backends (.NET, PHP, Ruby)

Q/A



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2016