



IBM SWG EMEA West Region

SOA / Web services: Une fondation au service de vos affaires.

Maison des Arts et Métiers, Paris, 17 Mars
2005

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ARCHITECTURE

What You Need to Know About Service-Oriented Architecture

SOAs promise to speed development and decrease integration time and effort-but only if you implement them correctly.

BY TODD DATZ

Don Buskard, senior vice president and

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IBM unveils SOA management services

By Ann Bednarz

Network World Fusion, 11/04/04

IBM Thursday announced its services division has created a aimed at helping enterprises migrate to a [service-oriented ar](#)

The new, SOA Management Practice will help companies han

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Web Services

Sun Deal Targets SOA Development

By Darryl K. Taft

October 19, 2004



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Sun Microsystems Inc. and SeeBeyond Technology Corp. Tuesday announced a partnership aimed at tying the Sun Java Enterprise System to SeeBeyond's product suite to drive service-oriented architecture development for customers.

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BEA to the defense on SOA

Email article to a friend

BEA Systems Inc chief executive Alfred Chuang has launched a spirited defense of his company's late arrival on the Service Oriented Architectures scene, whilst unveiling BEA's vision for on-demand software, integration and application

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26 May 2004, 10:07 GMT -

Opening his company's annual eWorld presented Liquid Computing, previousl BEA's SOA, whilst also announcing a n services based Enterprise Service Bus

SPECIAL REPORT:

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A service-oriented architecture (SOA) can allow your enterprise to react quickly to changes in the competitive environment. This online Special Report gives you practical information to help you implement SOA quickly and effectively. We'll be adding new in May and June, so be sure to check back.

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SOA's up

8/1/2004

By Colleen Frye



doing, make organizati agile, flexible and thus i SOA, applications comm service layer. While the it is another step in the component-based deve technology perspective, functionality into separa replaceable) component and deployment, and re effort of maintenance. V that Web services are e of business component

of business component



SOA Offers Competitive Advantages
SOA adoption will continue to accelerate. Peter Varhol shows how your enterprise can gain a competitive advantage by using design patterns.

- An SOA Introduction
- SOA Adoption is Accelerating
- Sharing the Expertise With Design Patterns

From an Idea to Reality

ik's Jason Bloomberg says that more companies than ever are entering SOAs.

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NEWS

IBM delivers SOA enablers

New services help build business processes

By Ed Scannell

April 21, 2004

IBM on Wednesday rolled out a series of software and services intended to help corporate users more efficiently create and deploy SOAs (service-oriented architectures) on their existing infrastructures.

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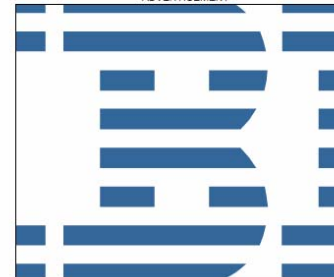
A New Game - The Fast Emerging World of IP Convergence

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Specifically, the new products and services, the first of what company officials claim will be a "blitz" of SOA-related products over the next several months, are designed to help customers build a collection of business processes. These business processes hinge on reusable and standard interfaces that can integrate applications inside a company as well as externally with customers and suppliers, company officials explained.

"All the services are based around the notion of ensuring that users are fully cognizant of what they are embarking upon with Web services and making sure they get the greatest ROI on those SOAs and Web services they decide to use," said Bob Sutor, Director of

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SOA triunfa entre los desarrolladores españoles

Los desarrolladores españoles piensan que las arquitecturas basadas en SOA, según la encuesta realizada pasado mes de noviembre entre más de 200 especialistas en desarrollo de aplicaciones, son parte fundamental de este colectivo, que afirman utilizarlas para el despliegue de aplicaciones y tecnologías para construir "el time to market" y cumplir con los requisitos de negocio.

La mayoría de los encuestados afirmaron que están ya utilizando tecnologías basadas en SOA, el nuevo diseño de infraestructuras de TI reutilización de los sistemas y tecnologías para construir "el time to market" y cumplir con los requisitos de negocio.

La mayor preocupación a la que se enfrentan en la adopción de SOA, expresada por un 33 por ciento de los encuestados, es la falta de personal con experiencia en estas tecnologías más útiles para responder a los requerimientos de negocio.

La encuesta realizada por BEA Systems muestra también que el 52 por ciento de los desarrolladores utilizan un 65 por ciento piensan hacerlo en un periodo comprendido entre 1 y 3 meses.



Worksoft on Leading Edge of Service-Oriented Architecture Deployments; Worksoft Certify Ensures Stable XML Messaging Infrastructure and Web Services

Website

DALLAS, Dec. 14 /PRNewswire/ -- Worksoft, Inc., the leading innovator of automated software quality solutions, announces the expansion of support for thorough testing of service oriented architecture (SOA) deployments. Worksoft Certify includes enhanced support for testing of XML messaging, as well as end-to-end Web services that...

SOA is fast becoming a must for organizations to integrate customer applications, providing IT efficiency and cost savings. According to a survey by Worksoft, the benefits to customer applications being deployed, technologically innovative, Worksoft. "Until now, verification of development of a test interface provider applications. What SOA architecture helped the MN being developed as well as applications by allowing businesses to accelerate deployments and applications being deployed.

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2005: The Year of the S

Opinion by Eric A. Marks

NOVEMBER 15, 2004 (COMPUTERWORLD)

OPINION

year of the SOA. Mark it with the Yankee Group, 75% of firms are moving to SOA architecture (SOA). This is a move away from IT solutions of standards-based architecture to the future.

this SOA trend is symptomatic of a larger trend being adopted by both business and IT. They've had it with applications that are rigid, expensive, and inhibit business and IT. The trend is toward ever-tightening IT budgets. SOA holds the promise to address all of...

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El nuevo Diablo de Bea Systems acelera la implementación de SOA

Enviar a Amigo Versión impresora

La última versión 9.0 de de la suite de aplicaciones BEA Web Logic Server, Diablo, da un paso más allá, mejorando y actualizando el desarrollo de arquitecturas orientadas a servicios (SOA), base de la estrategia Liquid Computing del fabricante.

Entre las principales novedades que arroja la nueva versión destacan mejoras en su capacidad de gestión, ya que aporta innovaciones en los procesos de cambio, eliminando la necesidad de realizar interrupciones durante la actualización del sistema. "Diablo va a permitir que se pase a producción la nueva versión de una aplicación, sin necesidad de parar la anterior, si no que se traspa el tráfico paulatinamente, lo que es especialmente relevante en el caso de aplicaciones de misión crítica", ha explicado Enrique Martín, director de tecnología de BEA Systems. Asimismo, BEA WebLogic Server 9.0 posibilita un nuevo sistema de detección de errores y autoreparación de los mismos, con lo que se actualiza...



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7 day summary

IBM CICS legacy at the heart of SOA

By **Peter Abrahams, Bloor Research**
Published Tuesday 7th December 2004 10:55 GMT

As I mentioned in a recent article IBM is to make a series of software announcements that will bring z/series to the heart of SOA (service oriented architecture). The first announcement included CICS Transaction Server V3.1 and CICS Transaction Gateway V6.0. They include several significant enhancements that show that IBM intends that CICS will not just be a passive legacy system but will be driving new applications and users into the web services world.

The previous release of CICS TS had support for SOAP but only as a service provider. This means that new web services applications could request services from existing CICS applications; this wrapping of CICS gave the impression that IBM expected all new applications to be non-CICS web services solutions and that the CICS applications would, over time, be phased out and replaced by modern solutions.

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Developer

December 13, 2004

IBM Solidifies SOA Stance
By **Clint Boulton**

IBM (Quote, Chart) made two significant moves to improve its service-oriented architecture (SOA) (define) portfolio.

IBM's Software Group has purchased an enterprise license of LogicLibrary's Logidex to help catalog and manage the reusability of software assets, such as Web services (define), legacy applications components, XML schema and frameworks.

Logidex will complement IBM's Rational ClearCase and IBM Rational Application Developer change and configuration management software, according to LogicLibrary CEO Greg Cotichchia. IBM will use Rational and Logidex to ease business processes integration for customers.

While the Rational line also boasts reusability to cut down on the amount of code programmers have to write, Cotichchia said IBM picked Logidex for features not found in the Rational line. The Logidex SDA Library lists assets and their relationships to each other, including technical infrastructure, overlays and business processes.

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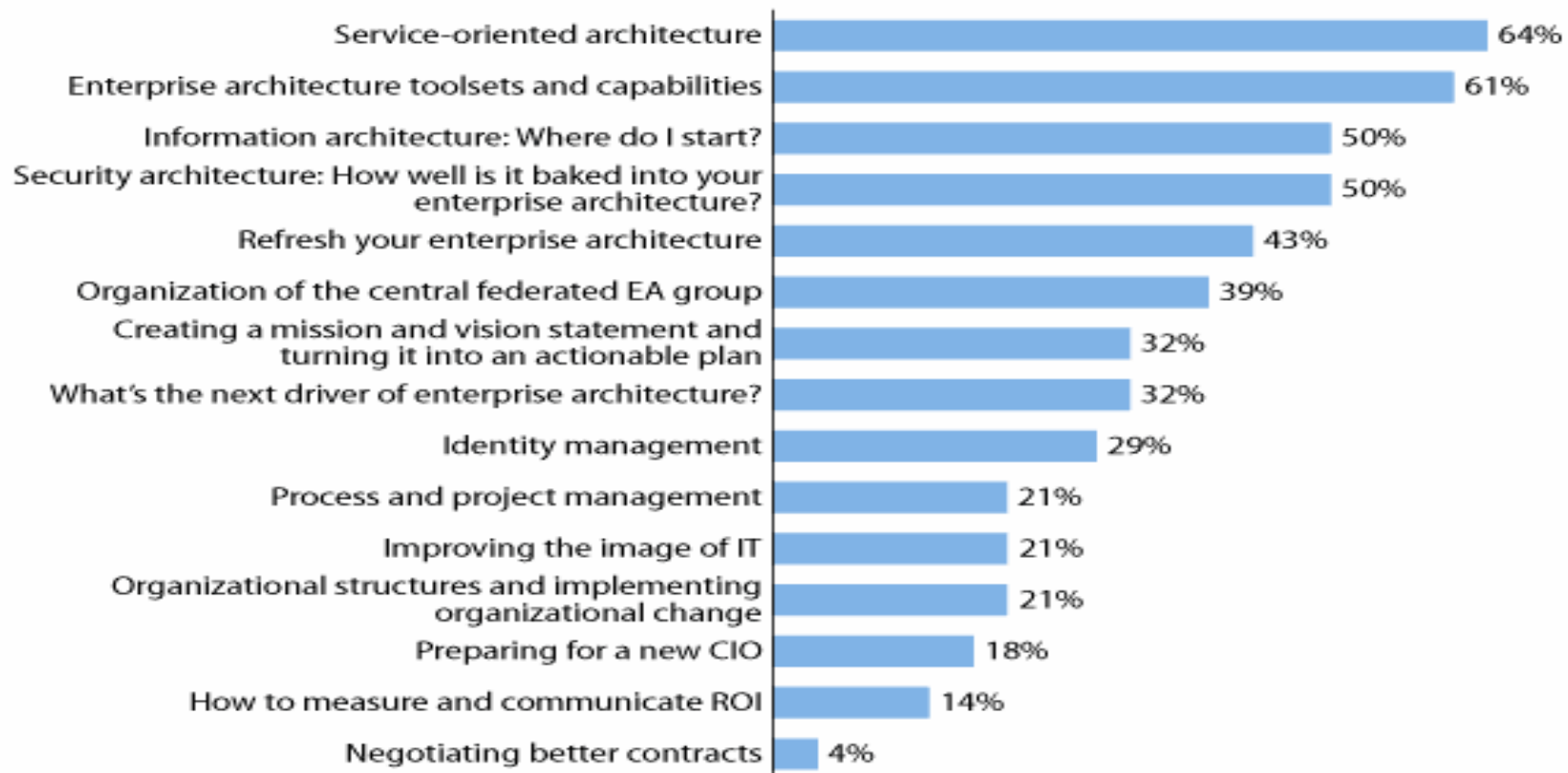
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SOA makes IT decision-makers very interested ...

"What topics are you most interested in learning more about?"



Base: 28 IT decision-makers on Forrester's Enterprise Architecture Council
(multiple responses accepted)

Source: Forrester Research, Inc.



Be prepared for **change.**
It's the only thing you can count on.



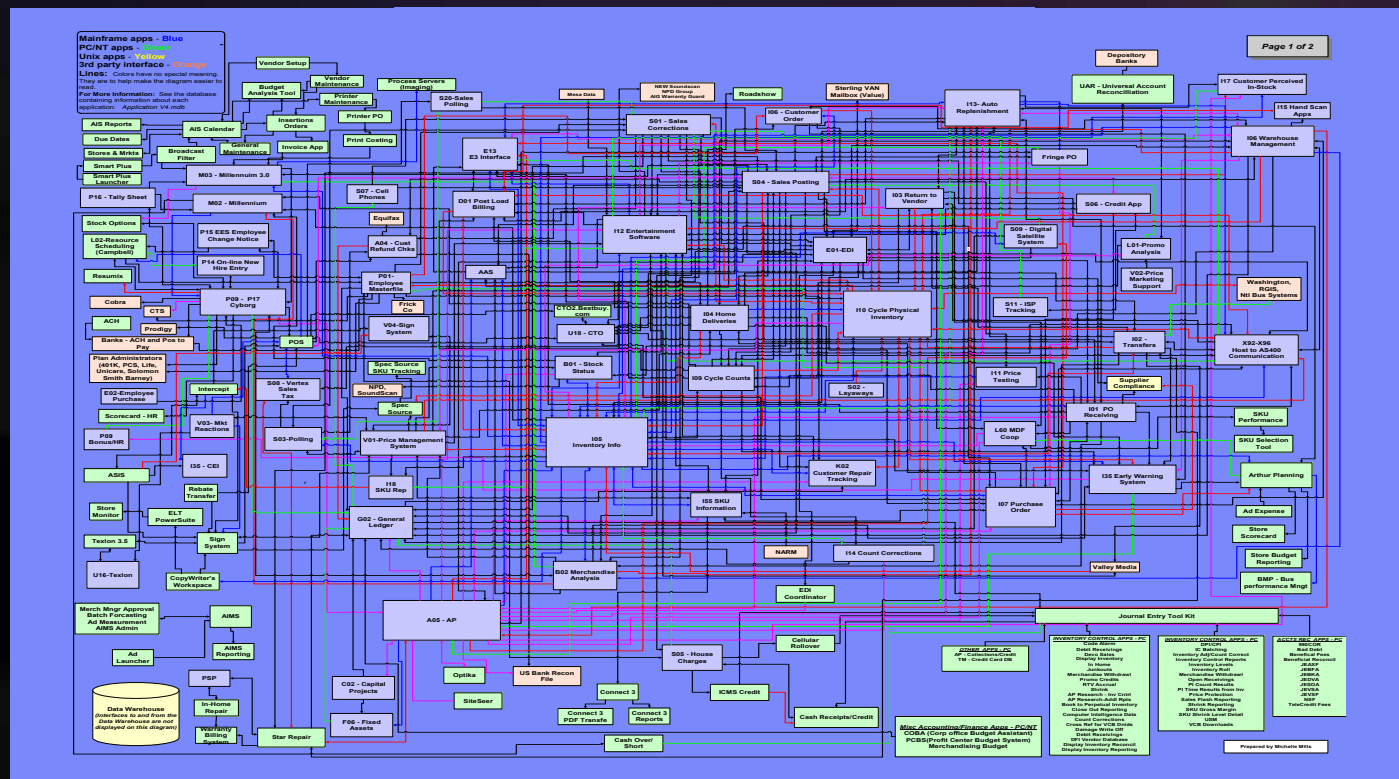
The question: IT change or business change?

- The need for **flexibility** and innovation is forcing organizations to break their business processes into manageable parts
- Applications mirror this approach, becoming increasingly **modular**
- **Simplification** of underlying IT infrastructure is required to manage and support changes in the business



Confronting the hair ball

Actual application architecture for consumer electronics company



IBM official definition of SOA

An SOA provides the **flexibility** to thread elements of business processes and the underlying IT infrastructure as secure, standardized components (services) that can be **reused** and **combined** to address **changing business priorities**.

Reusability becomes key : Build ONCE, reuse MULTIPLE times



Standards are the foundation of effective change



It is only by adopting common standards that an industry achieves uncommon things

Steve Mills and
Bill Gates

promote
Web services
standards



Industries need standards now

Automotive

- Quality issues—warranty costs average US\$700 per vehicle in the U.S.
- Growing need for multivendor in-vehicle systems/software integration

Healthcare

- Accelerating costs, slow response times, quality of patient records
- Increasing pressure to integrate payers, providers, hospitals

Electronics

- Moving from traditional manufacturing to configure-to-order
- Lack ability to mass produce with last-minute customization

Banking

- Information silos, redundancy and underutilization of data
- Pressure to speed development and delivery of new products and services

Retail

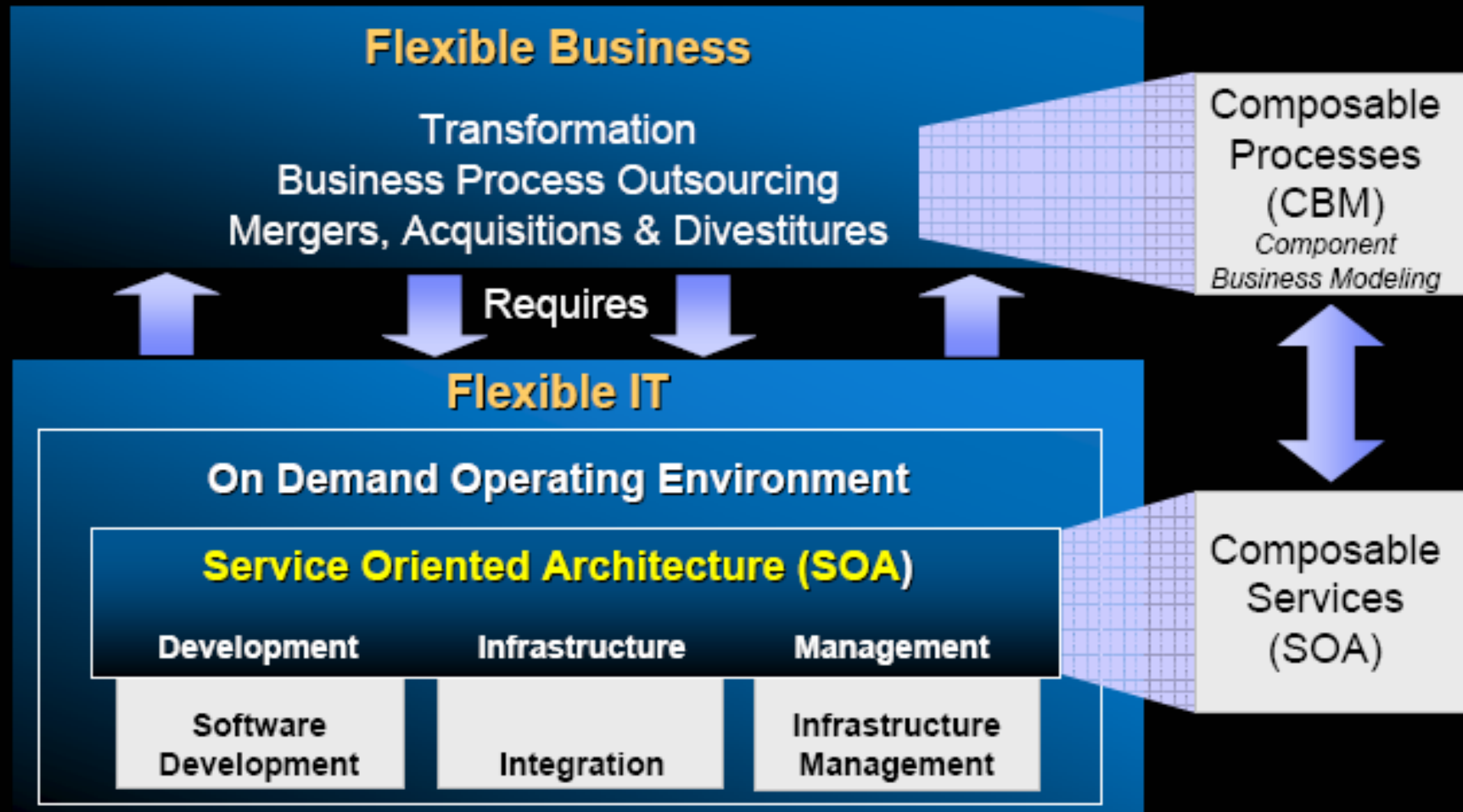
- Available data increasing exponentially (e.g., RFID), but not leveraged effectively
- Access to realtime information required to optimize supply chain

Telecom

- “Island” infrastructures—multiple legacy systems and heterogeneous environments
- No single view of the customer (activation, self-service, billing, customer care)



Great flexibility required from business models and



Software continues to evolve

The New Programming Model



Open, standards-based
Event Orientation Flexibility
Service Orientation
Incremental Integration



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