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Maison des Arts et Métiers, Paris, 17 Mars
2005

Gerald Karsenti
SWG, EMEA   **WebSphere** software
Gerald.karsenti@fr.ibm.com

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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 CTO at AXA Financial, a $7.5 billion

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STOREFRONTS

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

Click here to find out more!

26 May 2004, 10:07 GMT -

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

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SPECIAL REPORT:
Service-Oriented Architecture

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

ere to read white papers sponsored by Sonic Software.

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
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From an Idea to Reality
k's Jason Bloomberg says that more companies than ever are enting SOAs.

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IBM unveils SOA management services

By *Ann Bednarz*
Network World Fusion, 11/04/04

■ BR

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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 hand

www.eweek.com/article2/0,2739,107990,00.asp

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SOA's up
8/1/2004
By Colleen Frye

The buzz surrounding Service-Oriented Architecture (SOA) is that it

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

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Web Services

Sun Deal Targets SOA Development

By Darryl K. Taft
October 19, 2004

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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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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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
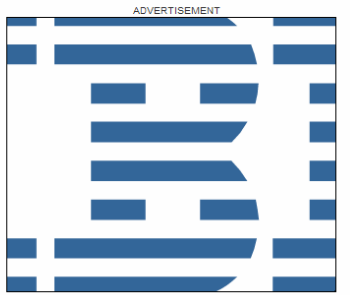
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SOA triunfa entre los desarrolladores espa
[01-12-2004]

Los desarrolladores españoles creen que las arquitect el mercado en menos de un año.

Cerca del 95 por ciento de los desarrolladores españoles creen que las arquitecturas SOA, según la encuesta realizada pasado mes de noviembre entre más de 200 especialistas información. El 32 por ciento de los desarrolladores utilizan un 65 por ciento piensan hacerlo en un periodo comprendido un año. Las herramientas de código abierto son parte func de este colectivo, que afirman utilizarlas para el despliegue herramientas de desarrollo.

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

La mayor preocupación a la que se enfrentan en la adopción cambios en la organización, expresada por un 33 por cient encuestados. Para responder a esta preocupación, los des proyecto de BEA Systems, Apache Beehive y los servicios d las tecnologías más útiles para responder a sus requerimi

La encuesta realizada por BEA Systems muestra también q tecnologías de código abierto entre los desarrolladores es

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

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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 m organizations to integrate c providing IT efficiency and using Web services enabled u

"The benefits to custome technologically innovative," Worksoft. "Until now, verif development of a test inter provider applications. What allowing testers to exercise being developed as well as a

Additionally, Worksoft's applications by allowing bus accelerates deployments and applications being deployed.

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Opinion by Eric A. Marks
NOVEMBER 15, 2004 (COMPUTERW

OPINION year of the SOA. Mark it
Yankee Group, 75% of fir
technology and staffing to
architecture (SOA). This i
away from IT solutions of
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the future.

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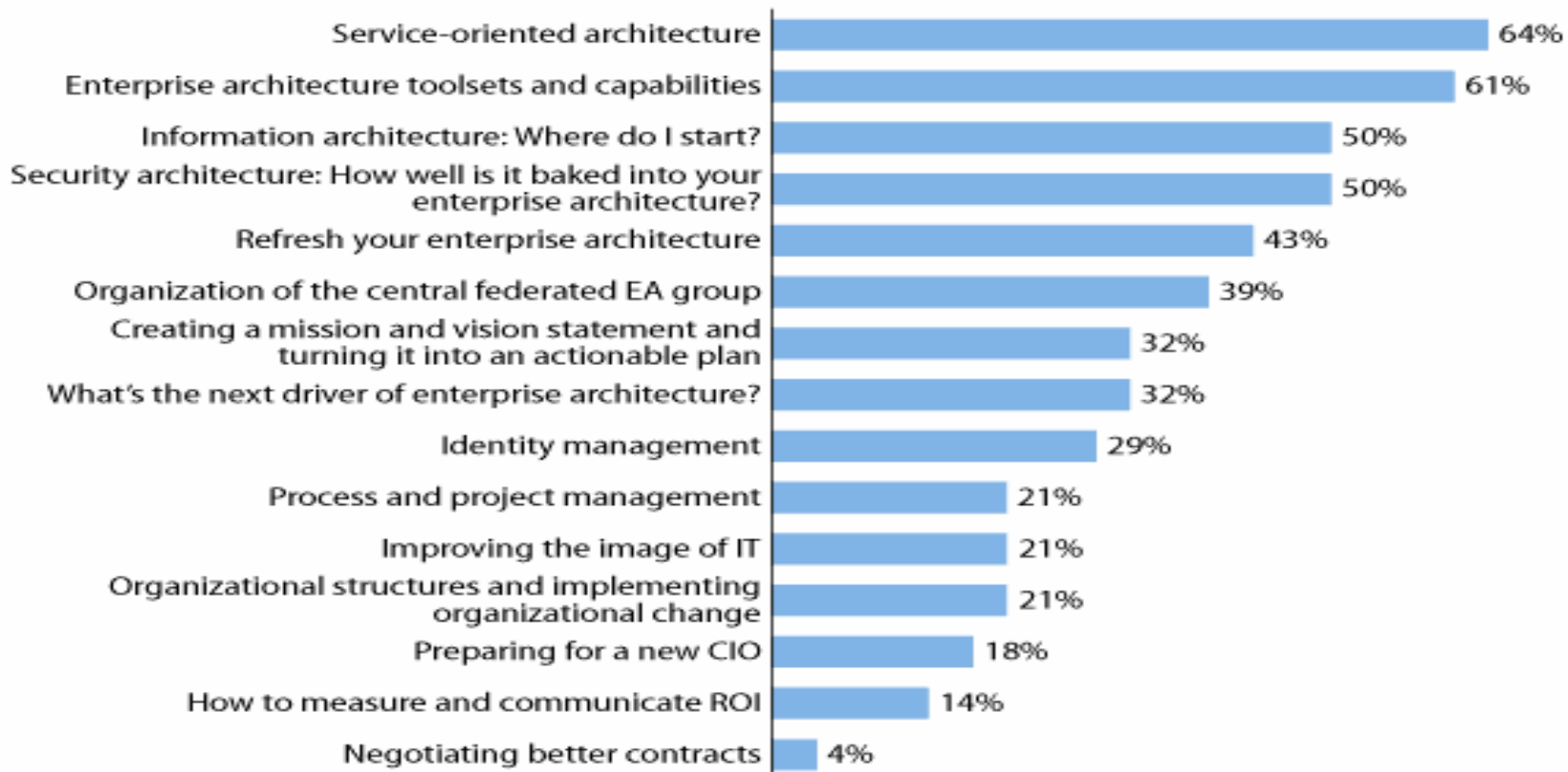
IBM's Software Group has purchased an enterprise license of LogicLibrary's Logidex to help catalog and manage the reusability of software assets, such as Web services (define), legacy applications components, XML schema and frameworks.

Logidex will complement IBM's Rational ClearCase and IBM Rational Application Developer change and configuration management software, according to LogicLibrary CEO Greg Coticchia. 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, Coticchia said IBM picked Logidex for features not found in the Rational line. The Logidex SDA Library lists assets and their relationships to each

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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 b z/series to the heart of SOA (service oriented architecture). The first announcement included C 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 me 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 w services solutions and that the CICS applications would, over time, be phased out and replaced modern solutions.

SOA makes IT decision-makers very interested ...

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

Topic	%
Service-oriented architecture	64%
Enterprise architecture toolsets and capabilities	61%
Information architecture: Where do I start?	50%
Security architecture: How well is it baked into your enterprise architecture?	50%
Refresh your enterprise architecture	43%
Organization of the central federated EA group	39%
Creating a mission and vision statement and turning it into an actionable plan	32%
What's the next driver of enterprise architecture?	32%
Identity management	29%
Process and project management	21%
Improving the image of IT	21%
Organizational structures and implementing organizational change	21%
Preparing for a new CIO	18%
How to measure and communicate ROI	14%
Negotiating better contracts	4%

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
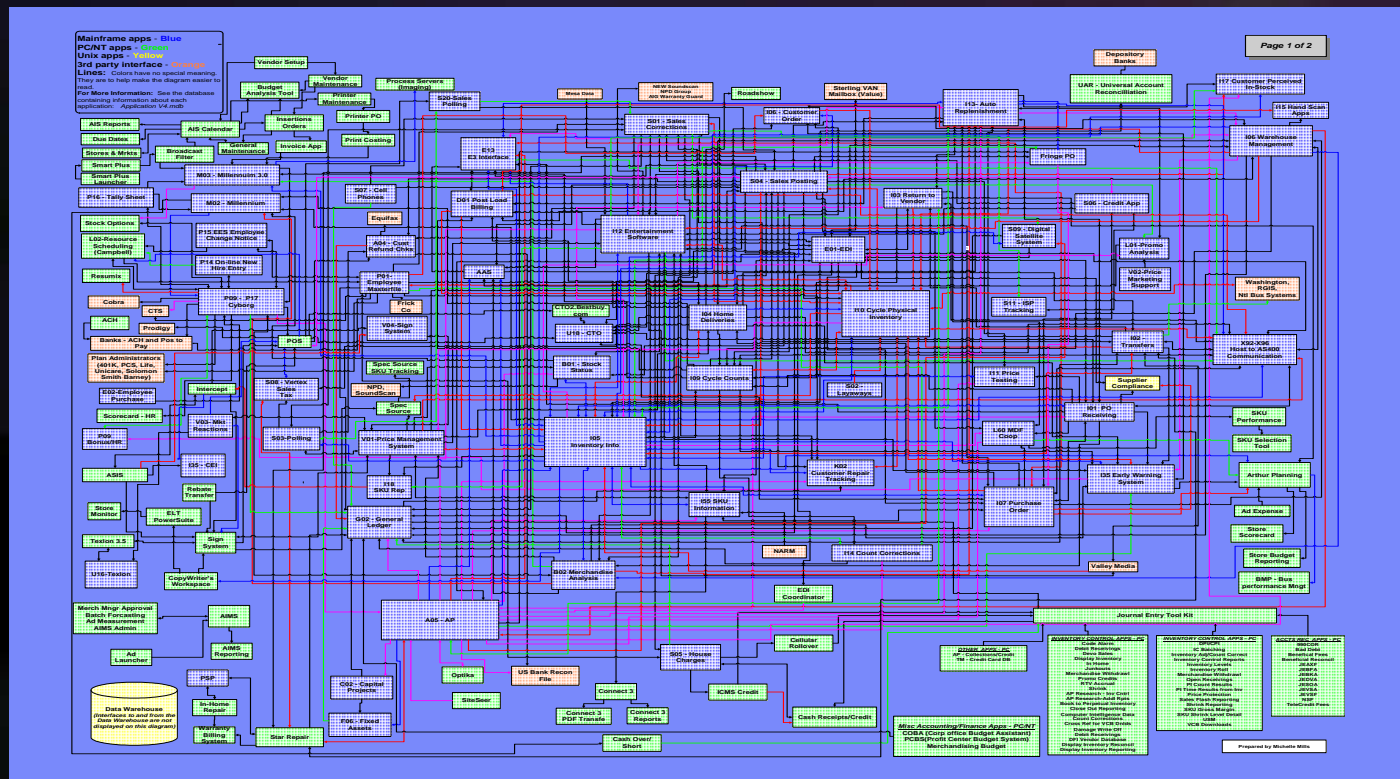
IBM official definition of SOA

An SOA provides the flexibility to threat 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

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
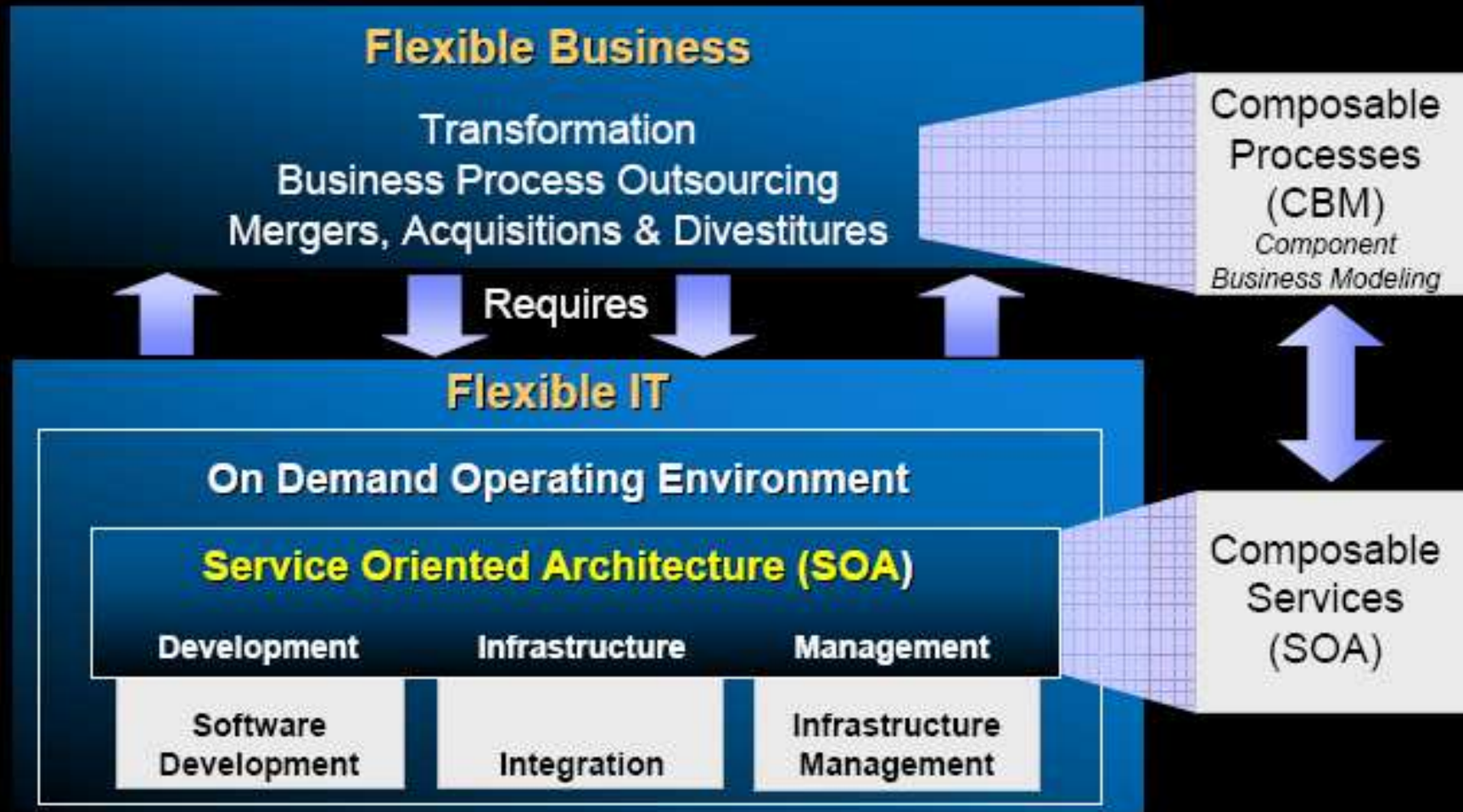
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