



Service-Oriented Architecture South Africa Training Offerings (August 2007)

Service-Oriented Architecture (SOA) could revolutionize the way we think about IT. This is possible because SOA finally has the potential to make the concepts of reuse and flexibility real. Companies have been talking about these ideas for years, but have never been able to transform that talk into full-scale reality. SOA *can* succeed where previous approaches have failed because the standards, best practices and governance models have finally matured to the point where reuse and flexibility work.

SOA is an *architecture* and not just about technology. Whilst technology is important in *implementing* the architecture, IBM's view of SOA is business-centric. Innovation is driven through People, Process, and Information, focusing on *what* should be done and not on how it will be implemented. The architecture defines Business Processes as Services and uses the mature standards to link these Services together. (For more details on SOA, have a look at the web site <http://www.ibm.com/soa>).

How to get started is crucial and entry points are accelerated by IBM's SOA Foundation products and business insight. The **IBM SOA Foundation** is an integrated, open set of software, best practices, and patterns that provides what you need to get started with the SOA life cycle. It is not a replacement for your existing infrastructure or investments — it builds on your existing assets. The SOA Foundation is interoperable and fully modular, allowing you to select and add components on a build-as-you-go basis as new requirements are addressed over time.

The SOA Life Cycle

While customers approach an SOA from many starting points, we've learned that it's best approached through a defined life cycle.



Start in the **Model** phase by gathering business requirements then designing and optimizing through simulation of desired business processes.

Once the business processes are optimized, **Assemble** them by combining new and existing services to form composite applications

that can be reused — reused — and reused.

Assets are then **Deployed** into a secure and integrated environment, taking advantage of specialized services that provide support for integrating people, processes and information.

Once deployed, **Manage** and monitor the composite applications and underlying resources from both an IT and a business perspective.

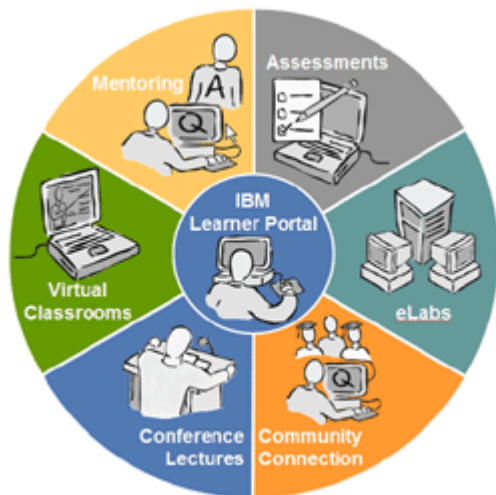
Information gathered during the Manage phase is used to gain real-time insight into business processes, enabling better business decisions and feeding information back into the life cycle for continuous process improvement.

Underpinning all of these life cycle stages is **Governance and Best Practices**, providing guidance and oversight for the SOA project.



Training Offerings

IBM delivers a comprehensive portfolio of training services to help customers successfully deploy and integrate IBM's Software Portfolio to their maximum potential.



Training is a key component to ensuring software success. The IBM training team is committed to providing the highest quality

training available to help your company prosper in today's competitive marketplace. We take pride in our ability to deliver successful training programs that provide your people with the skills necessary to make your business profitable using IBM software.

The IBM training team works closely with IBM product developers and IBM services organizations to ensure that the courses we offer provide the most up-to-the-minute technical and product information. Our courses place an emphasis on the advanced knowledge and insight that only these sources can provide. We draw from a deep pool of IBM technical experience in the development of our courses, and pass that knowledge on to our students.

IBM Training is committed to providing training for the **SOA Foundation** across the whole of the **SOA Life Cycle** and is the only training organisation uniquely placed to provide training on all aspects and software products necessary to truly implement a Service-Oriented Architecture.

Training Delivery Methods

Most of the courses listed on the following pages are Classroom based, either at our purpose built IBM Training locations or available as one Company courses at a location that best meets your needs. Many of the courses are also available as **Instructor Led Online** courses, removing the need for students to travel to a particular location whilst still given them the opportunity to learn from the expertise of an IBM Trainer.

Alongside these, IBM offers a range of Web-based courses, many of which are free of charge. More information about these can be found at the IBM Developerworks web site:

<http://www.ibm.com/developerworks/websphere/education/enablement/wbt/wbt.html>

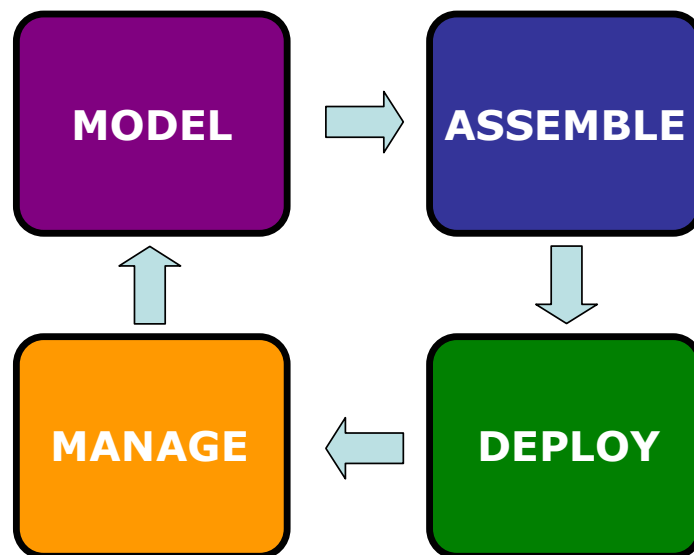


Contacting the South Africa Training Team

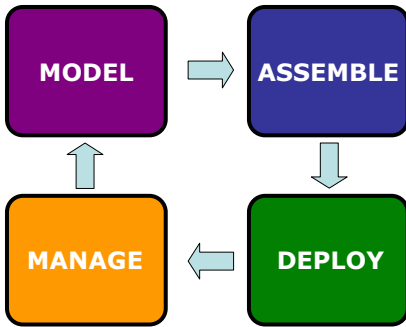
Within South Africa IBM Training offers a full range of courses including ones that will help your organisation gain the skills necessary to successfully implement an SOA. For further details about any of these courses and to enrol please see the IBM Training web site: <http://www.ibm.com/training/za/>

SOA Training Roadmaps

In the next section of this document are the current UKISA Training Offerings related to SOA concepts and software products. The section is arranged in line with the SOA Life Cycle and shows the Roadmaps for areas/products related to each phase of the Life Cycle:

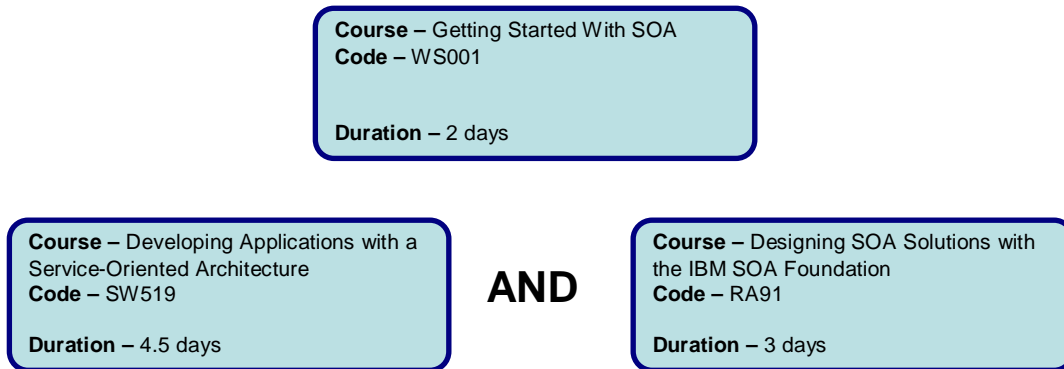


These Roadmaps are correct on the date given at the top of this document.



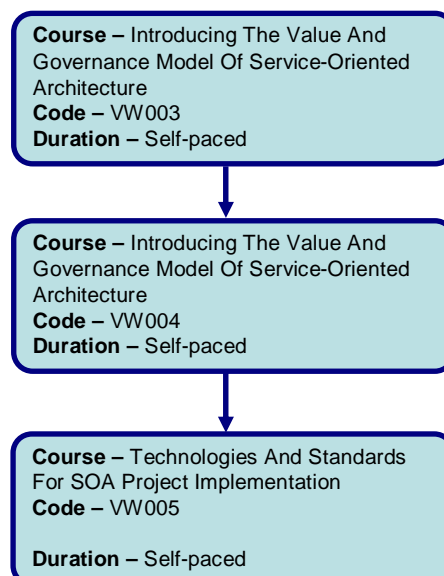
Introduction to Service-Oriented Architecture

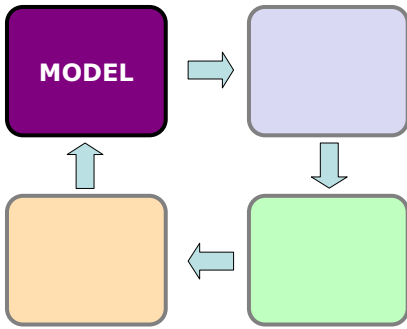
For an introduction to the concepts and benefits of SOA, as well as an overview of the Architecture and related Software products, the following courses are available:



A set of online self study courses are available as an alternative to WS001. For details of these courses and to enrol go to the WebSphere Education web site:

<http://www.ibm.com/developerworks/websphere/education/enablement/wbt/wbt.html>





Rational RequisitePro

Course – Essentials of Rational RequisitePro
Code – RR33
Duration – 1 day

UML

Course – Essentials of Visual Modelling with UML 2.0
Code – RD221
Duration – 1 day



Course – Mastering Object-Oriented Analysis and Design with UML 2.0
Code – RD631
Duration – 4 days

Rational Software Architect

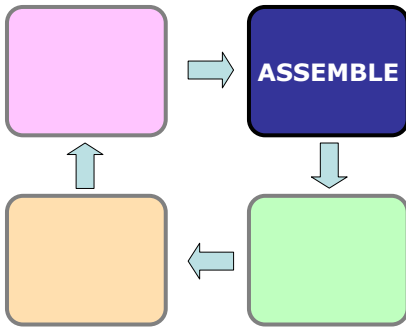
Course – Essentials of Rational Software Architect
Code – RD531
Duration – 1 day



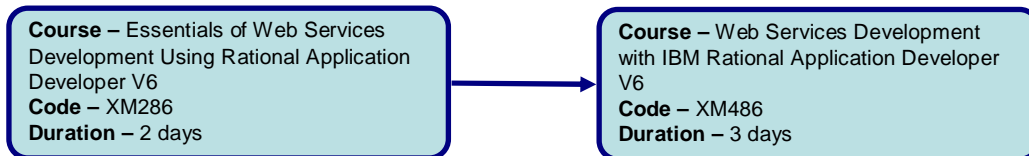
Course – Mastering IBM Rational Software Architect
Code – RD881
Duration – 3 days

WebSphere Business Modeler

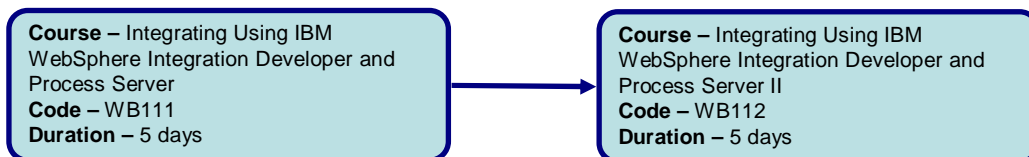
Course – WebSphere Business Modeler: Process Mapping, Simulation and Analysis
Code – WB182
Duration – 5 days



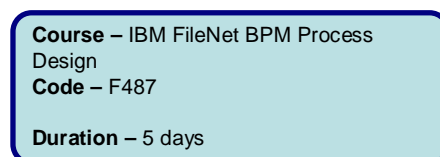
Web Services



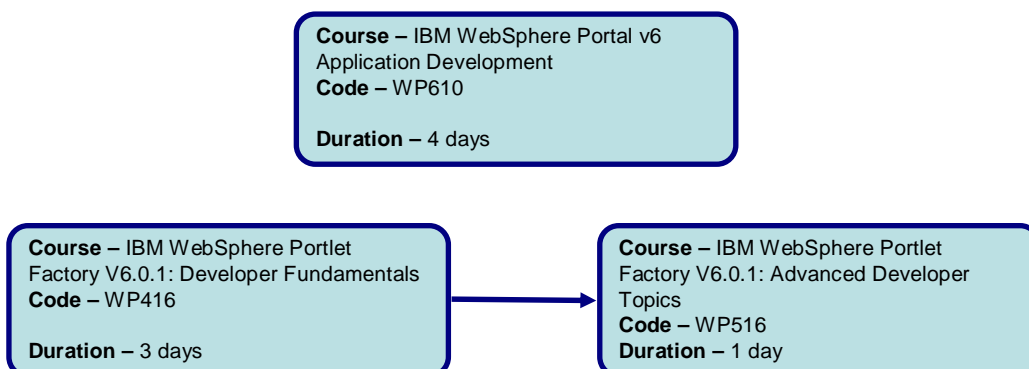
WebSphere Integration Developer



FileNet



WebSphere Portal and Portlet Factory





Information Integrator

Course – Federated Database with DB2
Information Integrator: Up and Running
Code – DW48

Duration – 3 days

DataStage

Course – DataStage Essentials for
Server Edition
Code – DX334

Duration – 4 days

OR

Course – DataStage Essentials for
Enterprise Edition
Code – DX434

Duration – 4 days

WebSphere Customer Center

Course – WebSphere Customer Center
Inside Out
Code – DC301

Duration – 2 days



Course – WebSphere Customer Center
Fundamentals
Code – DC401

Duration – 4 days

WebSphere Product Center

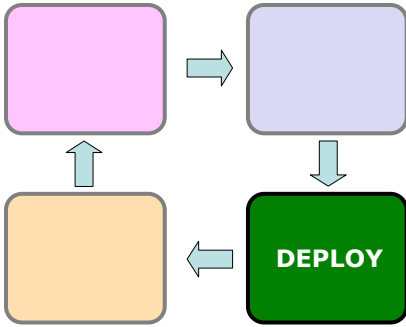
Course – IBM WebSphere Product
Center
Code – DC611

Duration – 5 days

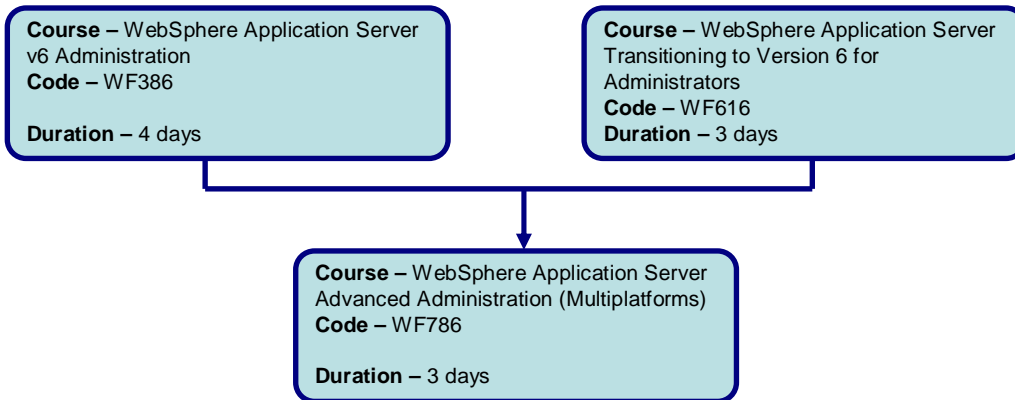


Course – WebSphere Product Center -
Advanced Scripting
Code – DC621

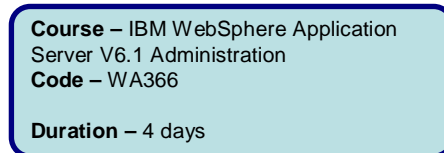
Duration – 5 days



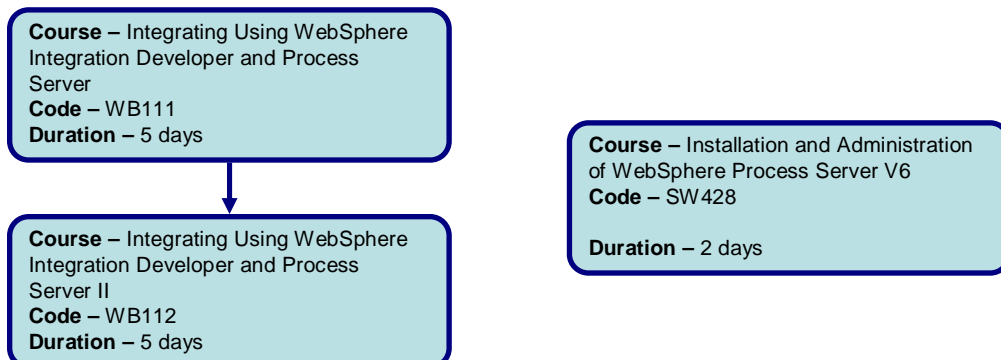
WebSphere Application Server v6.0



WebSphere Application Server v6.1

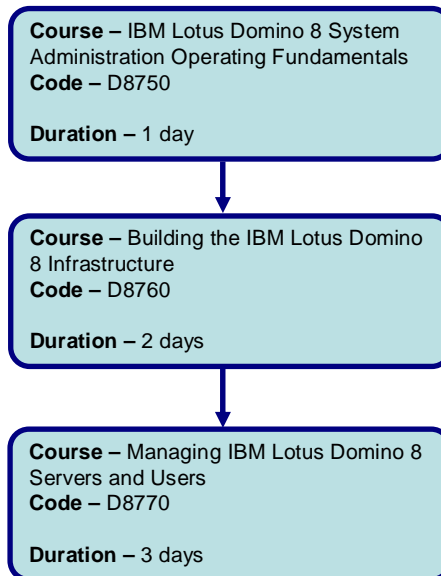


WebSphere Process Server

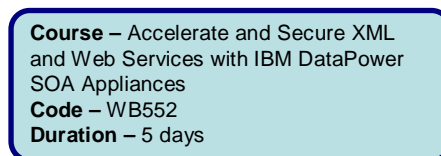




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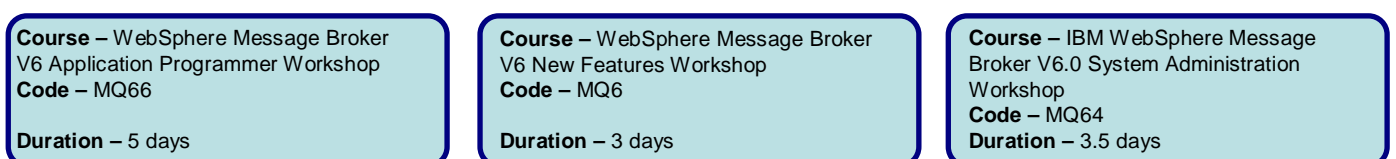
WebSphere DataPower



WebSphere ESB



WebSphere Message Broker





WebSphere TX

Course – IBM WebSphere Transformation Extender V8.1 Fundamentals
Code – SW110
Duration – 5 days

WebSphere Portal

Course – IBM WebSphere Portal V6 Administration 1
Code – WP710
Duration – 3 days



Course – IBM WebSphere Portal V6 Administration 2
Code – WP720
Duration – 2 days

FileNet

Course – IBM FileNet P8 Platform Installation
Code – F490
Duration – 5 days

OR

Course – IBM FileNet BPM Administration Add-On
Code – F746
Duration – 4 days

DB2

Course – DB2 Family Fundamentals
Code – CF03
Duration – 2 days

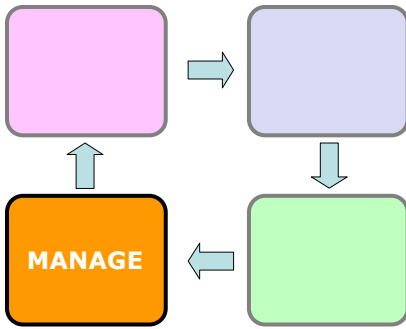


Course – DB2 UDB Administration Workshop for UNIX
Code – CF21
Duration – 4 days

Course – DB2 UDB for z/OS Database Administration Workshop Part 1 V8
Code – CF83
Duration – 5 days

Informix

Course – IBM Informix Dynamic Server Administration
Code – 846
Duration – 4 days



WebSphere Business Monitor

Course – Implementing IBM WebSphere Business Monitor
Code – WB190
Duration – 3 days

Tivoli Composite Application Manager for WebSphere

Course – IBM Tivoli Composite Application Manager for WebSphere 6.1 Implementation and Usage Workshop
Code – TM63G
Duration – 4 days

Tivoli Composite Application Manager for RTT

Course – IBM Tivoli Composite Application Manager for Response Time Tracking
Code – ITCAMR
Duration – 3 days

Tivoli Enterprise Console®

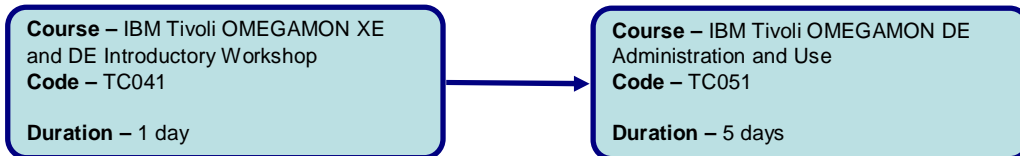
Course – Tivoli Enterprise Console Introduction 3.9
Code – TM081
Duration – 3 days



Tivoli Monitoring for Transaction Performance

Course – IBM Tivoli Monitoring:
Transaction Performance for
Administrators
Code – TV321
Duration – 4 days

Tivoli OMEGAMON®



Tivoli Identity Manager

Course – Security Fast Track Workshop
Code – SECFT
Duration – 5 days