

TIBCO BW:

TIBCO Software Inc. is a global software company, which provides business integration software to integrate, manage, and monitor enterprise applications and information delivery. Their software products include applications for coordinating business process and activities, securely exchanging information with trading partners, creating and maintaining XML documents, and managing distributed systems. Their software products are also called by the name TIBCO, which include a set of products like Business Works, EMS, Adapters, business Connect etc.

We can say TIBCO is middleware; however, there are some presentation layer components exist within TIBCO. It is an enterprise Application Integration (EAI) which promotes Service Oriented Architecture (SOA). The major portion of its implementation in JAVA.

TIBCO is widely used because of its reliability, flexibility, and scalability. It provides a common framework for integrating incompatible and distributed systems which will make it faster and easier to tie together in real time. TICBCO's EAI software's allows interacting with your applications, data bases, and mainframe by automatically routing and transforming information in an appropriate format to respective destinations.

TIBCO Business works is a package which TIBCO provided where Tibco process (Integrations) are running. We need to deploy the TIBCO applications in a server where we configure BW.

TIBCO Business Works allows you to quickly and easily connect applications, whether on-premises or in the cloud, providing proven reliability and scalability, out-of-the-box.



In a head-to-head comparison by an independent third party, TIBCO was found to be the most efficient of the five leading SOA and integration platforms tested.

With an easy-to-use drag-and-drop graphical development environment, TIBCO Business Works eliminates the pain and cost of point-to-point application integration, connecting and unifying business processes across applications, data sources, and APIs.

Course Content:

- What is EAI
- Why is EAI
- How Business works using EAI
- TIBCO AS EAI
- TIBCO Runtime Agent(TRA)
- How TIBCO Supports EAI
- TIBCO Business Works(5.5)
- Concepts of Business Works
- Working with Pallets with complex Transformations
- File Palette
- XML Palette
- Parse Palette



- HTTP Palette
- HTTPS Palette
- JDBC Palette
- Adapter Palette
- General Configuration Palette
- JMS Palette
- SOAP,WSDL Palette
- Java Palette
- Transaction Palette
- Service Palette
- TIBCO EMS
- Concepts of Enterprise Messaging System(EMI)
- Topics/Queues
- Bridging Topics/Queues
- Persistence/Non-Persistence
- Durable/Non-Durable
- Creation of Topics/Queues, generating
- Privileges, etc. ...



- TIBCO RV
- Concept of RV(Messaging Infrastructure)
- Types of Messaging
- Reliable
- Certified
- Fault Tolerance
- Distributed Queues
- Publish/Subscribe, Point-to-Point, Multicast Messaging
- Virtual Circuits
- Rendezvous Demon(rvd)
- Rendezvous routing Demon(rvrd)
- Rendezvous Agent(rva)
- ADAPTERS
- Adapter Concept
- File Adapter
- ADB Adapter Integrating Oracle, DB2, Sybase
- MQ series Adapter Sending and Receiving Cobol Copy Books
- SAP R/3 Adapter



- Exposing SAP as Web Service
- ORA apps Adapter
- People Soft Adapter
- TIBCO ADMINISTRATION
- Concepts
- Resource Management
- Creation of Domain
- How to add a machine in a domain
- How to grant roles to the user
- How to add a secondary server into a Domain
- How to add EMS server into a Domain
- How to enable HTTPS
- Application Management
- How to Deploy EAR File
- How to start/stop the process
- How to enable HAWK in administration
- TIBCO HAWK
- What is HAWK



- How to configure HAWK
- How to create Rule base in HAWK
- How to monitor the process, Operating Systems
- Over View
- TIBCO SMARTMAPPER
- B2B Integration(Business Connect)
- TIBCO process (10.5)(Oracle 10g)

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In addition:

- Interview preparation with mock interview drills
- Effective resume building
- Process of applying jobs at the right places



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