

TIBCO BPM COURSE CONTENT

- Unit1: TIBCO AMX BPM training Introduction
 - Automation of your enterprise
 - BPM Defined
 - TIBCO ActiveMatrix BPM: For Business Processes
 - TIBCO Business Studio: Model-Driven Development
 - Runtime: TIBCO ActiveMatrix Administrator
 - ActiveMatrix BPM User Clients
- Unit2: ORGANIZATION MODELER
 - Eclipse Environment
 - Creating a Project
 - Creating Organization Model
 - Modelling elements in an Organization
 - Defining Relationships
 - Adding Groups
 - Assigning Privileges
 - Capabilities
 - Using RQL (Resource Query Language)
 - Creating Schemas
- Unit3: AMXBPM deployment architecture
 - ActiveMatrix BPM Deployment
 - ActiveMatrix runtime components
 - Examining Node Details
 - BPM Node Features
 - Node configuration Details
 - Deployment Configuration
 - Deployment Logic

- Unit4: TIBCO ActiveMatrix Workspace
 - Organization Browser
 - Linking Organization Model to LDAP Users
 - Assign Resources to Positions and Groups
 - Big Picture: Runtime Components
- Unit5: DEFINING OBJECT MODELS
 - Business Object Modeler
 - Business Object Model Editor
 - Defining Packages and classes
 - Primitive Types
 - Enumerations
 - Defining Attributes
 - Linking Objects: Generalization
 - linking Objects: Associations
 - Aggregations and Compositions

BPMN 2.0 ELEMENTS

- Unit6: PROCESS MODELING BUSINESS PROCESSES
 - Process Modeling in TIBCO Business Studio
 - Creating Business Process Model
 - Hierarchy of Process Objects
 - Defining Process Packages
 - Package Contents
 - Project Explorer
 - Process Details
 - participant Details
 - BPMN Elements
 - Executing Business Process Model
- Unit7: MODELING FORMS
 - Data Fields and Parameters
 - Defining Data Fields
 - Defining Parameters
 - Configure User Task Interface
 - Form Preview

- Default Form Layout
- Unit8: PROCESS AS A SERVICE
 - PAAS (Process As A Service)
 - Expose Process as a Service
 - Business Service to call a PAAS
 - Types of Business Service
 - Creating a Business Service for a PAAS
 - Deploying project
 - Starting Business Service
 - Recap- Workspace Views
 - Work views
 - Event Views
 - Process Views
 - Links to Views
 - Process Audit Log
- Unit9: EVENTS AND GATEWAYS
 - BPMN Events and Gateways
 - Gateways
 - Using Gateways
 - Exclusive Data-Based Gateway
 - Sequence Flows
 - Intermediate Events
 - Using Intermediate Events
 - Timer Intermediate Events
 - Signal Intermediate Events
 - Activity Deadline
 - Withdraw Activity
 - Review
 - BPMN Exercise
 - BPMN Solution
- Unit10: PAGEFLOW PROCESSES
 - Pageflow Process: Definition
 - Pageflow as a Business Service: Recap

- Enhancing User Form Interaction
- Characteristics of Pageflow Process
- Creating a Pageflow Process
- Create Pageflow Process Wizard
- Associate Pageflow with Work Item
- Pageflow Example: Work Item Form
- Custom Forms
- Forms Design Environment
- Form Outline Views
- Creating Custom Forms
- Form Bindings
- Direction Of Bindings
- Cascading Style Sheets for styling
- Actions
- Action Types Rules
- Form Parameters and Form Fields
- Form Controls
- Specifying Validations
- Form Scripting Scope of Variables
- Script Execution Order
- JSON Files
- Unit11: RESOURCE MANAGEMENT
 - User Task Participants
 - User Task Distribution Strategy
 - Work Allocation Strategy
 - Piling
 - Chained Execution
 - Chaining Example
 - Chaining with Pageflow Example
 - Separation of Duties
 - Retain Familiar
 - Workspace- Allocating and Reallocating work

- Unit12: SUB-PROCESSES AND AMX BPM LOGGING
 - Sub-Process Types
 - Reusable Sub-Process
 - Refactoring a Process
 - Embedded Sub-Process
 - TIBCO ActiveMatrix BPM Logging and Auditing
 - TIBCO ActiveMatrix Log Files
 - Logging Levels
 - ActiveMatrix BPM Loggers
 - Configuring Log level
 - Event Views
 - Error Event Views
 - TIBCO ActiveMatrix Worksace Logging
 - Openspace Logger Gadget
 - TIBCO Business Studio Error Log
- Unit13: SERVICE TASKS
 - ActiveMatrix BPM Service Tasks
 - Java Service Task
 - Java Task Execution
 - Database Service Task
 - Database Connection Profile
 - JDBC Connection Resource Instance
 - Database service Task Configuration
 - E-Mail Service Task
 - SMTP Resource Instance
 - Deployment Of Service Tasks
- Unit14: USING WEB SERVICE TASKS
 - Recap-ActiveMarix BPM Service Tasks
 - SOAP Web Service Operations
 - Process as a Service: Use Cases
 - Business Process as a Web Service
 - Service Descritors Folder
 - WSDL Document

- Service Types
- Web Service Task Configuration
- HTTP Client Resource Instance
- Deployment Of Web Service Task
- Unit15: ENHANCING PAGEFLOWS
 - Key Points: Pageflow Processes
 - Pageflow Usage Patterns
 - Long Running Services
 - Short Running Services
 - Pageflow Best Practices
- Unit16: OPENSOURCE
 - TIBCO ActiveMatrix Opensource
 - Configure Opensource
 - Opensource Gadgets
 - Examining Process Details
 - Interactive Audit Logs
 - Process and Work Items Analysis
 - Event Viewer
- Unit17: SYSTEM ACTIONS
 - System Actions
 - Granting Access to System Actions
 - Recap- Assigning Privileges
 - Supervised Work Views
 - Create Supervised Work View