TIBCO Educational Services

COURSE AUDIENCE
- Analysts
- Developers

COURSE DESIGN
- Lecture: 50%
- Labs: 50%

COURSE LENGTH
- 1 Day

DELIVERY OPTIONS

Classroom

LiveOnline

COURSE RATING

✓ ✓ ✓ ✓ ✓

Courses are rated from one to five, with five checks indicating most technically challenging.

RECOMMENDED COURSE

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BE402: Progressive Development with TIBCO BusinessEvents® 5.1.x

COURSE OVERVIEW

This course examines advanced development techniques for building Complex Event Processing (CEP) solutions with TIBCO BusinessEvents®. Participants are introduced to the BusinessEvents API, which is used to embed rules in third-party applications. Attendees build a JUnit based test program to test the BusinessEvents engine as a black box application, once again employing the BusinessEvents API. Students explore load balancing options to optimize BusinessEvents engines.

Fundamentals of TIBCO ActiveSpaces® are also discussed and students implement an ActiveSpaces channel to work with data in an external data grid. Finally, attendees design rule templates for a form-based user interface, and build business rules using these forms in the browser-based WebStudio interface. The Rules Management Server is examined as a component of the business rules approval and deployment process.

The course concludes with development of BPMN-based processes, which are used to control rule execution and execute selected parts of your CEP solution.

LEARNING OBJECTIVES

- Identify features and functions of the BusinessEvents® API
- Test BusinessEvents solutions using black-box testing methodology
- Explain TIBCO ActiveSpaces® concepts and terminology
- Use BusinessEvents® to interact with an ActiveSpaces® based shared cache
- List steps and components required to build and deploy business rules
- Examine business rule development and approval process in WebStudio
- Design BPMN-based processes to control rule execution
- Explore engine load balancing options

COURSE TOPICS

- Embedding rules using the BusinessEvents® API
- JUnit for testing BusinessEvents® solutions
- Working with ActiveSpaces® based shared data cache
- Developing rule templates and views in BusinessEvents® Studio
- Building and deploying business rules in WebStudio
- Orchestrating rule execution
- Load Balancing

COURSE PREREQUISITES

- Completion of BE401: Developing CEP Solutions with TIBCO BusinessEvents® 5.1
- Knowledge of Java programming helpful

TIBCO Software Inc. TIBCO Software empowers executives, developers, and business users with Fast Data solutions that make the right data available in real time for faster answers, better decisions, and smarter action. Over the past 15 years, thousands of businesses across the globe have relied on TIBCO technology to integrate their applications and ecosystems, analyze their data, and create real-time solutions. Learn how TIBCO turns data—big or small—into differentiation at www.tibco.com