

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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Apache NiFi Training Course Content

Module 1: Introduction to Apache NiFi

- What is Apache NiFi?
- Fundamental Design Concepts of NiFi
- NiFi Architecture
- Performance Expectations and Characteristics of NiFi
- NiFi Features
- Terminology
- User Interface

Module 2: Building a DataFlow

- Adding Components to the Canvas
- Component Versions
- Configuring
- Processor

- Process Group
- Parameters
- Using Custom Properties with Expression Language
- Controller Services
- Reporting Tasks
- Connecting Components
- Processor Validation
- Site-to-Site

Module 3: Command and Control of the DataFlow

- Starting a Component
- Stopping a Component
- Terminating a Component's Tasks
- Enabling/Disabling a Component
- Remote Process Group Transmission

Module 4: Navigating within a DataFlow

- Component Linking
- Component Alignment
- Search Components in DataFlow

Module 5: Monitoring of DataFlow

- Anatomy of
 - Processor
 - Process Group
 - Remote Process Group
- Queue Interaction
- Historical Statistics of a Component

Module 6: Versioning a DataFlow

- Connecting to a NiFi Registry
- Version States
- Import a Versioned Flow
- Start Version Control
- Managing Local Changes
- Change Version
- Stop Version Control
- Nested Versioned Flows
- Parameters in Versioned Flows
- Variables in Versioned Flows
- Restricted Components in Versioned Flows

Module 7: Templates

- Creating a Template

- Importing a Template
- Instantiating a Template
- Managing Templates

Module 8: Data Provenance

- Provenance Events
- Searching for Events
- Details of an Event
- Replaying a FlowFile
- Viewing FlowFile Lineage
- Write Ahead Provenance Repository

Module 9: Repository Encryption

- Repository Encryption Protocol
- Repository Encryption Configuration
- Experimental Warning
- Other Management Features