INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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AnthillPro

Introduction to AnthillPro

- Overview of AnthillPro: Features, benefits, and architecture
- Evolution and history of AnthillPro
- Comparison with other build and release management tools

AnthillPro Installation and Setup

- Installing AnthillPro: Server and agent installation
- Configuring AnthillPro: Database setup, Configuration settings
- Setting up users and roles: Permissions and access control

AnthillPro Concepts and Terminology

- Understanding AnthillPro Projects: Definitions and components
- Working with Builds: Build configurations, Build templates

Creating and Managing Workflows

- Workflow Basics: Workflow components (Jobs, Tasks, Steps)
- Designing Workflows: Workflow editor, Visual workflow design
- Workflow Automation: Triggers and conditions

Version Control Integration

- Integrating AnthillPro with Version Control Systems (VCS)
- Configuring VCS Plugins: Git, SVN, Perforce, etc.

- Automated Source Code Checkout and Management

Build Automation with AnthillPro

- Defining Build Processes: Build definitions, Environment configurations
- Build Agents and Execution: Configuring build agents, Parallel builds
- Handling Build Dependencies and Artifacts

Continuous Integration (CI) with AnthillPro

- Implementing CI Pipelines: Setting up CI workflows
- Automated Testing: Integrating with testing frameworks (JUnit, Selenium, etc.)
- Code Quality and Static Analysis Integration

Deployment Automation

- Deployment Strategies: Blue-green deployments, Canary releases
- Configuring Deployment Processes: Deployment scripts, Environment configurations
- Continuous Delivery (CD) pipelines with AnthillPro

Configuration Management

- Managing Configuration Files: Configuration templates
- Environment-specific Configurations: Profiles and overrides
- Configuration Versioning and Rollbacks

Monitoring and Reporting

- Monitoring Build and Deployment Status: Real-time dashboards
- Generating Reports: Build reports, Deployment logs
- Alerts and Notifications: Email notifications, Slack integrations

Security and Access Control

- Securing AnthillPro: Authentication and authorization mechanisms
- Role-based Access Control (RBAC): User roles, Permissions management
- Integrating with LDAP or Active Directory for user management

Advanced Topics

- Extending AnthillPro: Custom plugins and extensions
- API Integration: Using AnthillPro APIs for automation and integration
- High Availability and Disaster Recovery Planning

AnthillPro Best Practices

- Best Practices for Build and Release Management
- Performance Optimization: Scaling AnthillPro for large-scale deployments
- Continuous Improvement and Feedback Loops

AnthillPro Project Work

- Hands-on Projects: Implementing AnthillPro in real-world scenarios
- Project Planning and Execution: Applying learned concepts

Career Development and Job Preparation

- Building a career in DevOps: Skills and certifications
- Interview Preparation: AnthillPro-related interview questions
- Freelancing and Consulting Opportunities