

Day - 1

- **Integration with Other Tools**

- IDE integrations
- IntelliJ platform IDEs integration
- Installing the plugin
- Configuring notifications
- Managing projects from the IDE
- Opening files and patches in IDE
- Remote Run
- Visual Studio integrations
- GitHub integrations
- GitHub webhooks and services
- Using the TeamCity.GitHub plugin
- Support for pull requests
- Integrating with GitHub issue tracker
- Build monitors
- Team Piazza
- Project Monitor
- Build lights
- Notifications
- Summary

- **Beyond CI - Continuous Delivery**

- What is Continuous Delivery
- Why Continuous Delivery
- The deployment pipeline
- Implementing the deployment pipeline in TeamCity
- Publishing and consuming artifacts
- Build chain for CI
- Deploying to environments
- Environments as gates
- Identifying the build that is deployed in an environment
- Deploying any version to an environment
- Limiting deployment permissions to certain users
- Passing sensitive information during deployment
- Feature branching and feature toggling
- Summary

- **TeamCity Administration Part 1**

- Using TeamCity with an external database
- Configuring PostgreSQL as an external database
- Migrating from one database to another
- Backup and restore
- Taking backups from the server UI

- **TeamCity for a Member of the Team**

- Managing projects of interest
- Hiding projects
- Hiding build configurations
- Navigating across projects
- Investigating investigations
- Assigning investigations
- Viewing active investigations
- Managing current and muted problems
- TeamCity universal search
- Actions on build configurations
- Pausing triggers in a build configuration
- Checking for pending changes
- Enforcing clean checkout
- Summary

- **Taking It a Level Up**

- Build configuration templates
- Creating templates from scratch
- Creating build configurations from the template
- Creating templates from existing build configurations
- Going meta with Meta-Runners
- Using Meta-Runners
- Build result actions
- Commenting on build results

- Backing up and restoring data using the maintainDB tool
- A manual backup
- Handling upgrades
- Updating a server installed via an archive
- Updating TeamCity using the Windows installer
- Updating the agents
- Monitoring resource usage, performance, and logs
- Disk space usage
- TeamCity server diagnostics
- Tweaking the TeamCity JVM
- Summary

- **TeamCity Administration Part 2**

- TeamCity Configuration and Maintenance
- Managing Projects and Build Configurations
- Managing Licenses
- Integrating TeamCity with Other Tools
- Managing User Accounts, Groups and Permissions
- Customizing Notifications
- Assigning Build Configurations to Specific Build Agents
- Patterns For Accessing Build Artifacts
- Mono Support
- Maven Server-Side Settings
- Tracking User Actions

- Tagging build results
- Pinning build results
- Promoting builds
- Marking the build as successful or failed
- Removing builds
- Build history cleanup
- Cleanup rules
- Archiving projects
- Configuring build priorities
- Interacting with TeamCity from build scripts
- Service messages
- Creating teamcity-info.xml
- Summary