

SPRING 2009

Microsoft® Visual Studio® 2008 Team System Training



Give Your Team the Advantage!

Hands-on Courses



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Visual Studio® 2008 Team Foundation Server

March 30–31, 2009

Boston, MA

April 20–21, 2009

San Francisco, CA

Testing Applications with Visual Studio® Team System 2008

April 1–2, 2009

Boston, MA

April 22–23, 2009

San Francisco, CA

In cooperation with:



On-site Training Available

For additional savings, bring this course to your organization for team training.

Visual Studio® 2008 Team Foundation Server

Understanding and Administering Microsoft® Team Foundation Server

- Customize work item definitions to support an agile software process in Team Foundation Server
- Create and modify work items
- Understand how to administer and manage Team Foundation Version Control
- Create, execute, and modify custom build scripts for Team Build

This course covers the major components of Visual Studio® 2008 Team Foundation Server. Learn how to build your organization's software process into Team Foundation Server by modifying the out of the box process templates for MSF for Agile Software Development and MSF for CMMI® Process Improvement. This course covers version control, reporting, automated build, work item tracking, and project management.

Who Should Attend

This course is designed for individuals responsible for source control, project management, build administration, and reporting.

Bonus computer lab supplied for this course.

Make it a shared learning experience. You may choose to partner with a teammate while using the computer lab.

CMMI® is a registered trademark of Carnegie Mellon University.

2 DAYS — \$1,495

Team System Overview

Development challenges and features
Role-based approach
Packaging
Team Foundation security settings
Groups, permissions, and supporting services
LAB

Team Projects and Process

How process is integrated with Visual Studio® 2008 Team System
MSF for Agile Software Development and CMMI® Process Improvement

Team Project Security

TFS security review, team project security, supporting services, and version control security
LAB

Project Management and Work Items

Work item tracking system
Creating custom work item queries
Work item integration with Microsoft Project and Microsoft Excel
LAB

Version Control

Architecture overview
Integrated and atomic check-in
Parallel and remote development
Check-in notes, notification, and policy
LAB

Advanced Version Control

Shelving, branching, and merging
Multiple solutions and common admin tasks
LAB

Build Process

Team build architecture
Creating build scripts
Executing builds and command-line tasks
Running Web tests
Scheduling builds
Continuous integration

Modifying Work Item Definitions

Changing work item definitions on live projects
Adding workflow and controlling field access
LAB

Modifying Process Templates

Modifying document templates, work items, and MS Project synchronization
Using custom processes with team projects
LAB

Planning Deployment

Logical architecture
Server deployment architecture
Common administrative tasks
Building reports
LAB

www.sqetraining.com/vfs

Microsoft® Visual Studio® 2008 Team System Training

These are Hands-on Courses. Bonus computer labs supplied.

SQE Training and Notion Solutions, Inc., are partnering to provide training and consulting services for Microsoft® Visual Studio® 2008 Team System tools. Notion Solutions, Inc. is a Microsoft Certified Partner and has extensive knowledge and experience working with the new tools. Join us to learn how these new sets of tools help development teams communicate and collaborate more effectively, therefore improving your software development lifecycle.

Instructors



Chris Menegay is a Principal Consultant for Notion Solutions, Inc. He has been helping clients develop business applications for more than ten years. Chris works with customers to help with Team System adoption, deployment, customization and learning. In his role with Notion Solutions, Chris has written Team System training for Microsoft that was used to train customers using the beta versions of Team System. Chris holds his MCSD.NET & MCT certification and is a member of the Microsoft South Central District Developer Guidance Council. Chris is a Team System MVP, a Microsoft Regional Director and a member of the INETA speaker's bureau.



Dave McKinstry is a Principal Consultant and trainer with Notion Solutions, Inc. He has been leading clients in .NET architecture and development projects since the initial beta release of Visual Studio.NET. Since joining Notion Solutions in 2005, Dave has focused on assisting clients with their adoption of Visual Studio Team System. With over 15 years in the industry, Dave's experience includes leading clients through .NET Architecture, .NET application development, BizTalk Server solutions, SharePoint, SQL Reporting Services and almost anything .NET related. He was one of the first individuals recognized by Microsoft as a Most Valuable Professional (MVP) for Team System and holds his MCSD.NET and VB6 certifications.

Testing applications with Visual Studio® Team System 2008

Managing Lifecycle Testing

- Find out how to analyze build reports delivered within agile development teams
- Understand how to create and manage a variety of tests using the testing tools in Visual Studio® 2008 Team System
- Learn how to enter and edit defects using work item tracking
- Become familiar with Team Foundation Version Control, where all tests are stored and historical changes are tracked

This course provides hands-on experience with all the Team System testing functions including: defect reporting, defect tracking, and manual test creation, as well as execution of manual, Web, load, and unit tests. It covers how to utilize reporting features and create quality reports used to analyze the status of projects.

The testing portion of this course is taught using a shared Team Foundation Server. The testing aspects utilize Visual Studio Team System 2008 Test Edition.

Who Should Attend

This class is intended for those individuals responsible for the QA and testing roles in the software development lifecycle.

Bonus computer lab supplied for this course.

Make it a shared learning experience. You may choose to partner with a teammate while using the computer lab.

2 DAYS — \$1,495

Overview

Team System overview
Development challenges and features
Role-based approach
Packaging
LAB

Introducing Visual Studio® 2008

Brief history/overview
Introducing the user interface
Developing solutions
LAB

Team Projects and Process

How process is integrated with Visual Studio Team System
Overview of MSF for Agile Software Development and for CMMI® Process Improvement

Project Management and Work Teams

Work item tracking system
Working with items
Creating custom work item queries
Work item integration with Microsoft Project and Microsoft Excel
LAB

Version Control

Architecture overview
Integrated and atomic check-in
Parallel and remote development
Check-in notes, notification, and policy
LAB

Unit-Tests

Test driven development, unit testing, code coverage
LAB

Quality Assurance and Testing

Testing, test manager, writing manual tests, executing manual tests, reporting defects
LAB

Web Testing

Creating and executing Web application and Web services tests
Using extraction and validation rules
Test run configurations and data-driven Web tests
LAB

Load Testing

Creating and executing Web application and service load tests
Using the load agent
Analyzing results
LAB

Build Process

Analyzing test results, working with build reports

Looking to the Future

Evolution of tools in the next release of Visual Studio Team System

www.sqetraining.com/vts

ON-SITE TRAINING

Looking for ways to save training and travel dollars? Take advantage of the cost-effective convenience of on-site training to get your team the training they need without requiring them to sacrifice project schedules or incur travel time and expense. Our on-site training offers many benefits:

- Save time and money—Bring team training to your location.
- Manageable workloads—Schedule training around your projects, not the other way around.
- Customizable content—Offer your team a training curriculum that adheres to your corporate goals, technology environment, and business needs.
- Consulting services—Learn from instructors who are world-class consultants with exceptional qualifications and a broad range of real-world experience. Augment your training programs with SQE Training's consulting services.
- Small groups—Benefit from focused training that offers your team members individual attention with plenty of time for questions. Class sizes can range from 6–25 people.
- Employee development—Develop the talent already on your team, increase employee satisfaction—and save company dollars.

If you have six or more people to train, consider the advantages of on-site instruction.

For additional information call 904.278.0524 or email onsitetraining@sqe.com.



For additional information or to receive a FREE quote, call 888.268.8770/904.278.0524, or email onsitetraining@sqe.com.

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EASY TO REGISTER



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Training Course Fee Includes**

- Tuition
- Course notebook
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- Refreshment breaks
- Breakfasts and lunches
- Certificate of completion

**\$39 of your registration fee includes a one-year digital subscription to Better Software magazine. If you are a current subscriber, your subscription will be extended an additional ten issues.

Training Course Schedule

| | |
|------------------------|---------------------------------------|
| 7:30 a.m. - 8:30 a.m. | Registration (on first day of course) |
| 8:30 a.m. - 12:00 p.m. | Course |
| 12:00 p.m. - 1:00 p.m. | Lunch |
| 1:00 p.m. - 5:00 p.m. | Course |

Satisfaction Guarantee: SQE Training is proud to offer a 100% satisfaction guarantee. We are committed to providing you with the highest quality education and training products. If we are unable to satisfy you, we will gladly refund your registration fee in full.

Public Training Policies: SQE Training reserves the right to make changes in course schedules, dates, locations, and accommodations. We will make every effort to notify students within a reasonable period of time. However, SQE Training is not responsible for personal travel, accommodations, or other incidental expenses in connection with changes to a course.

Cancellation Policy: Attendee substitutions are permitted. Registrants who fail to attend are subject to the full fee if they have not obtained a cancellation code from SQE Training at least six business days prior to the event start date. To obtain a cancellation code, call 904.278.0524 or 888.268.8770.

Register Early: The number of students per course is limited, and many courses fill to capacity. Register early to ensure your space in your preferred course.

Forms of Payment Accepted:

- Visa, MasterCard, or American Express
- Check or company purchase order is accepted. However, payment must be received before course registration is confirmed.

Confirmation: After payment, you will receive a confirmation notice containing course details (e.g., hotel, accommodations). Please bring the letter to the course for admittance.

ON-SITE TRAINING

For more information about on-site training courses, contact SQE Training at 904.278.0524 or 888.268.8770 or email onsitetraining@sqe.com.



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Re-route to Director of Software Development