

MSDN Webcast:

Team Foundation Server 2008

– Was ist Neu?

Visual Studio Team System (Teil 2 von 10)

Veröffentlicht: 27.02.2008

Presenter:

Neno Loje, MVP für Team System

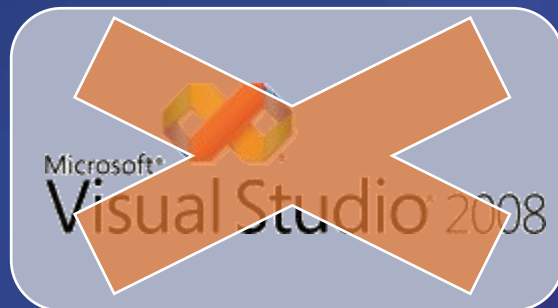
www.teamsystempro.de



Voraussetzungen

- Sie...
 - ... kennen und nutzen VSTS & TFS 2005 bereits
 - ... kennen, aber nutzen die 2005er-Produkte nicht
 - ... wollen sich informieren was es Neues bei den 2008er-Versionen gibt

Das Thema ist nicht:



Das Thema ist:



Agenda

New Features of Team Foundation Server 2008

New Features of Team Suite 2008

New Features of Team Roles

Upgrade & Compatibility

Resources



Agenda

New Features of Team Foundation Server 2008

New Features of Team Suite 2008

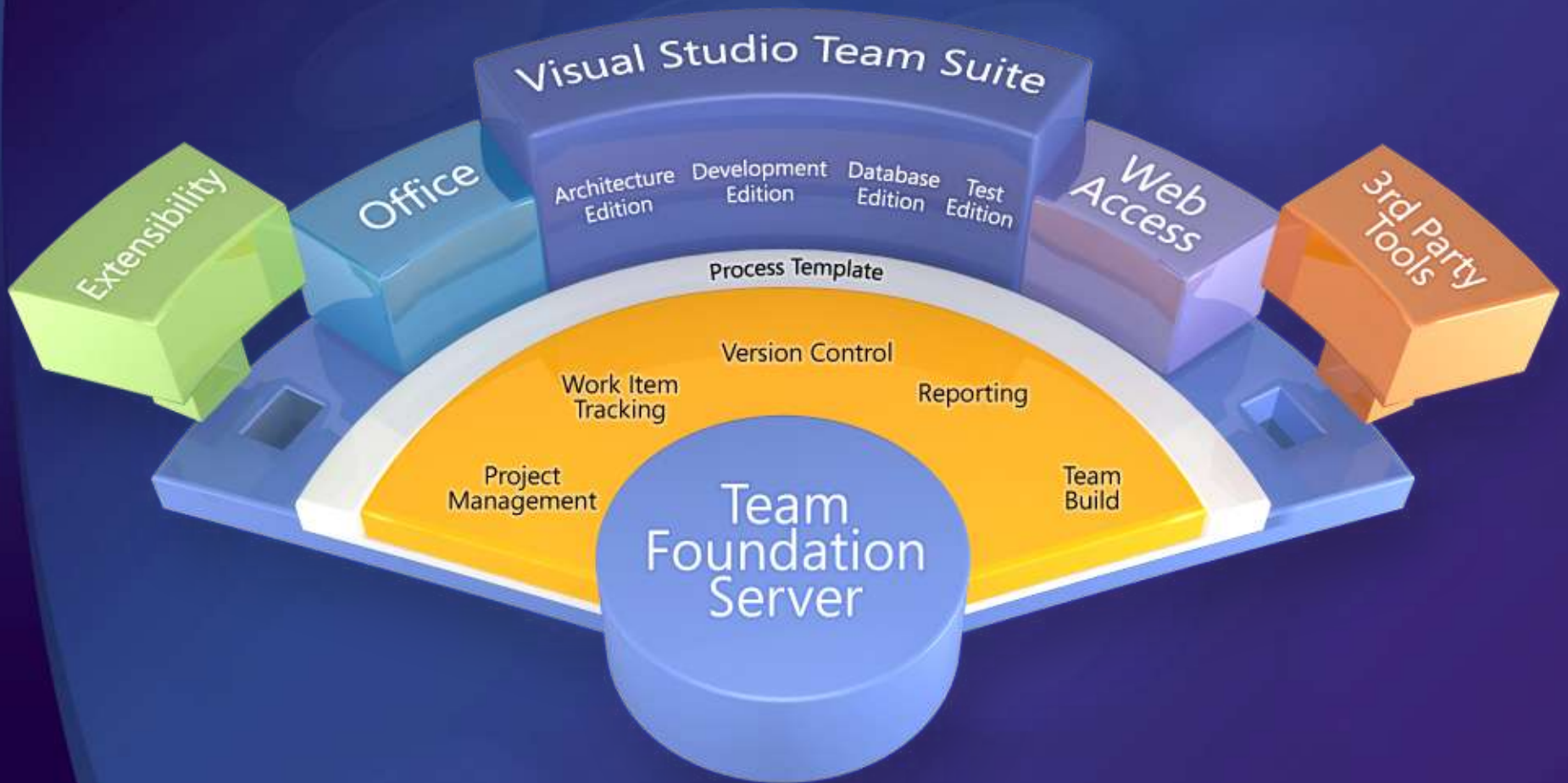
New Features of Team Roles

Upgrade & Compatibility

Resources

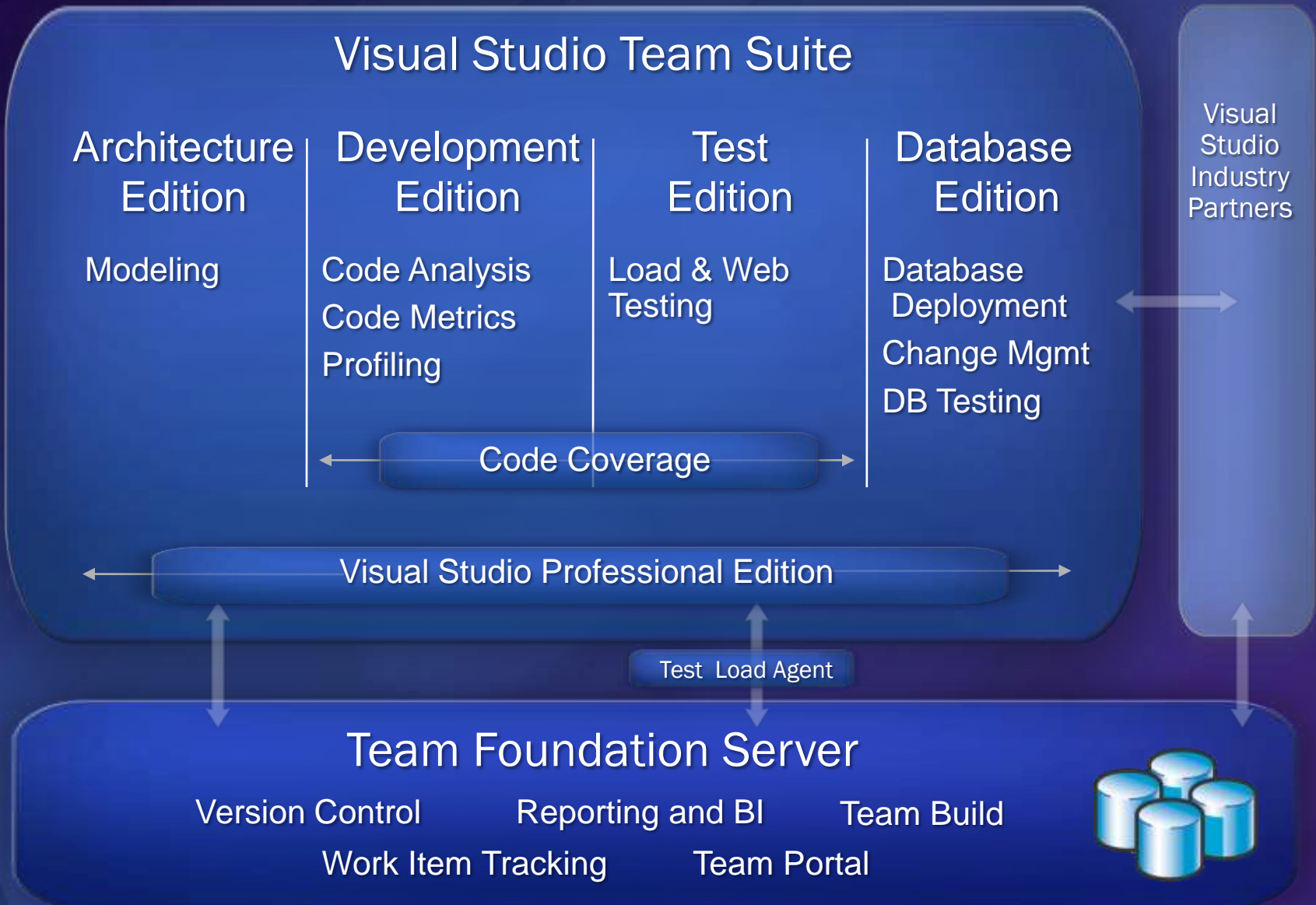


Visual Studio Team System



Visual Studio Team System

MSF Process and Guidance



Team Foundation Server - Admin

New features!

- Support for MOSS 2007 and WSS 3.0
- Support for Windows Server 2008 “Longhorn”
- Simplified Installation
- More supported configurations
- Support for either SQL 2005 or SQL 2008
 - SQL 2008 RTM only
- Can upgrade from TFS 2005
- More...

TFS – Source Control

Existing features

- Branching and Merging
- Labeling at any Level
- Shared Locking (default)
 - Check-in Lock Provides flexibility
- “Work in Progress” using Shelving
- Shared Check-in Tools
 - Automated and Manual Merging

TFS – Source Control

New features!

- Annotation Support
 - Who did what and when
- Folder Diff
- Get Latest on Check Out
- Performance Improvement for Large Projects
 - > 10K files
- Async Loading of Source Control Explorer
- Fewer False Positives on Merge
- Improved Offline Experience

TFS – Source Control (II)

New features! – Continued

- Destroy
- Workspace improvements
- Source Control Explorer refresh improvements
- Command line help
 - `tf.exe command /help`
- Extranet support for the TFS Proxy
 - Different credentials for local proxy

Annotate

aka "The Blame Window"

GA_Generalization - Microsoft Visual Studio

File Edit View Project Build Team Debug Workflow Data Tools Test Window Community Help

CardProblem.cs;C7 (Annotated)

Administrator 3/20/2007

Path: \$/OrcasRocks/GA_Generalization/GeneticAlgorithm/CardProblem.cs
Changeset: 3
Owner: Administrator
Date: 3/20/2007
Lines: 1-14
Comment:

Discover who last changed a section of code and get detailed change set information

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace GeneticAlgorithm
{
    public class CardProblem : BinaryGeneticAlgorithm
    {
        private int m_ProdTarget;
        private int m_NumberOfCards;

        public CardProblem( int NumberOfCards,
                           int SumTarget,
                           int ProductTarget,
                           double ChanceOfInfection,
                           double ChanceOfMutation
                           ) : base(ChanceOfInfection, ChanceOfMutation)
        {
            this.m_NumberOfCards = NumberOfCards;
            this.m_SumTarget = SumTarget;
        }
    }
}
```

Ready Ln 1 Col 1 Ch 1 INS

Folder Diff

GA_Generalization - Microsoft Visual Studio

File Edit View Project Build Team Debug Workflow Tools Test Window Community Help

Folder Difference Source Control Explorer

326 files compared: 0 different, 23 only on server, 303 only on local disk [Modify Filter](#)

Server Items	Local Items	Different
\$/OrcasRocks	C:\Demo Files\AdventureWorksDemo	
	SipClient.cs	
	C:\Demo Files\AdventureWorksDemo\Adventur...	
	adventureworks.suo	
	adventureworks.vssscc	
	localtestrun.testrunconfig	
	output.txt	
	Team Foundation Server Extensibility.sln	
	Team Foundation Server Extensibility.suo	
	C:\Demo Files\AdventureWorksDemo\Adventur...	
	AdventureWorks.css	
	adventureworks.sdm	
	adventureworks.suo	
	AdventureWorksAdvanced.css	
	Default.aspx	
	Default.aspx.cs	
	Products.aspx	
	Products.aspx.cs	
	ShoppingCart.aspx	
	ShoppingCart.aspx.cs	
	Thankyou.aspx	
	Thankyou.aspx.cs	
	web.config	
	web.config.backup	

Server Path: \$/OrcasRocks
Local Path: C:\Demo Files\AdventureWorksDemo

Quickly identify which files have changed between two different branches, or between a local workspace and a branch on the server

Ready

TFS – Project Management

Existing features

- Work Item Tracking
- Out of the box Reporting
- Support for Links and Attachments
- Customizable Process Templates
- Built-in Data Warehouse
- Fully Extensible through Object Model

TFS – Project Management

New features!

- Improved Work Item Linking
 - Create New Work Item from any Results
- Better Scalability
- Better Performance
- Query Builder Improvements
 - Filtering based on Current Project
 - Column Drag and Drop
- Attachments: multi-select, Drag & Drop
- Delete Work Items and Work Item Type

TFS – Build Management

Existing features

- MS Build Generation
- Build Reporting
- Basic Automated Testing Support
- Code Coverage Reporting on Build
- Support for BVTs
 - Using Test Lists
- Drop Management

TFS – Build Management

New features!

- Continuous Integration
 - Rolling and Scheduled Build Support
- Easier Automated Test Configuration
- Queued Builds
- Better Build Server Management
 - Build Agents
 - New Build Check-in Policy
- Drop Policies
 - When drops should be automatically deleted.

TFS - Build Definition

Build Workspace

Build Definition - DogfoodBuild

General
Workspace
Project File
Retention Policy
Build Defaults
Trigger

Working folders:

Status	Source Control Folder	Local Folder
Active	\$/Orcas/PU/TSADT/BranchDefinitions/BranchDefinitio...	\$(SourceDir)\BranchDefinitions\Branc
Active	\$/Orcas/PU/TSADT/BranchDefinitions/Defaults	\$(SourceDir)\BranchDefinitions\Defai
Active	\$/Orcas/PU/TSADT/BranchDefinitions/Defaults.xml	\$(SourceDir)\BranchDefinitions\Defai
Active	\$/Orcas/PU/TSADT/BranchDefinitions/IntegrationRule...	\$(SourceDir)\BranchDefinitions\Inteç
Active	\$/Orcas/PU/TSADT/BranchDefinitions/Lab26VSTS	\$(SourceDir)\BranchDefinitions\Lab2i
Active	\$/Orcas/PU/TSADT/BranchDefinitions/Orcas/Lab26VSTS	\$(SourceDir)\BranchDefinitions\Orcas
Active	\$/Orcas/PU/TSADT/BranchDefinitions/ProcessorSpecif...	\$(SourceDir)\BranchDefinitions\Proce
Active	\$/Orcas/PU/TSADT/BranchDefinitions/template_Branc...	\$(SourceDir)\BranchDefinitions\temp
Active	\$/Orcas/PU/TSADT/BranchDefinitions/template_Budd...	\$(SourceDir)\BranchDefinitions\temp
Active	\$/Orcas/PU/TSADT/BranchDefinitions/template_BuildL...	\$(SourceDir)\BranchDefinitions\temp
Active	\$/Orcas/PU/TSADT/BranchDefinitions/template_Defa...	\$(SourceDir)\BranchDefinitions\temp
Active	\$/Orcas/PU/TSADT/BranchDefinitions/template_Forw...	\$(SourceDir)\BranchDefinitions\temp
Active	\$/Orcas/PU/TSADT/BranchDefinitions/template_Reve...	\$(SourceDir)\BranchDefinitions\temp
Active	\$/Orcas/PU/TSADT/BranchDefinitions/template_User...	\$(SourceDir)\BranchDefinitions\temp
Active	\$/Orcas/PU/TSADT/dd.sln	\$(SourceDir)\dd.sln
Active	\$/Orcas/PU/TSADT/ddsuites/curunit.bat	\$(SourceDir)\ddsuites\curunit.bat
Active	\$/Orcas/PU/TSADT/ddsuites/DDSALias.bat	\$(SourceDir)\ddsuites\DDSALias.bat
Active	\$/Orcas/PU/TSADT/ddsuites/DDSCurEnv.bat	\$(SourceDir)\ddsuites\DDSCurEnv.ba
Active	\$/Orcas/PU/TSADT/ddsuites/DDSEnv.bat	\$(SourceDir)\ddsuites\DDSEnv.bat
Active	\$/Orcas/PU/TSADT/ddsuites/dirs	\$(SourceDir)\ddsuites\dirs
Active	\$/Orcas/PU/TSADT/ddsuites/ddsuites.dfs	\$(SourceDir)\ddsuites\ddsuites.dfs

Copy Existing Workspace...

OK Cancel

TFS – Build Definition

Scheduled / Triggered Builds

Build Definition - Nightly [?] [X]

Team Foundation Build supports continuous integration by letting you trigger a build after a check-in.

Check-ins do not trigger a new build

Build each check-in (more builds)

Accumulate check-ins until the prior build finishes (fewer builds)

Build no more often than every minutes.

Build every week on the following days:

Monday Tuesday Wednesday Thursday

Friday Saturday Sunday

Queue the build on the default build agent at:

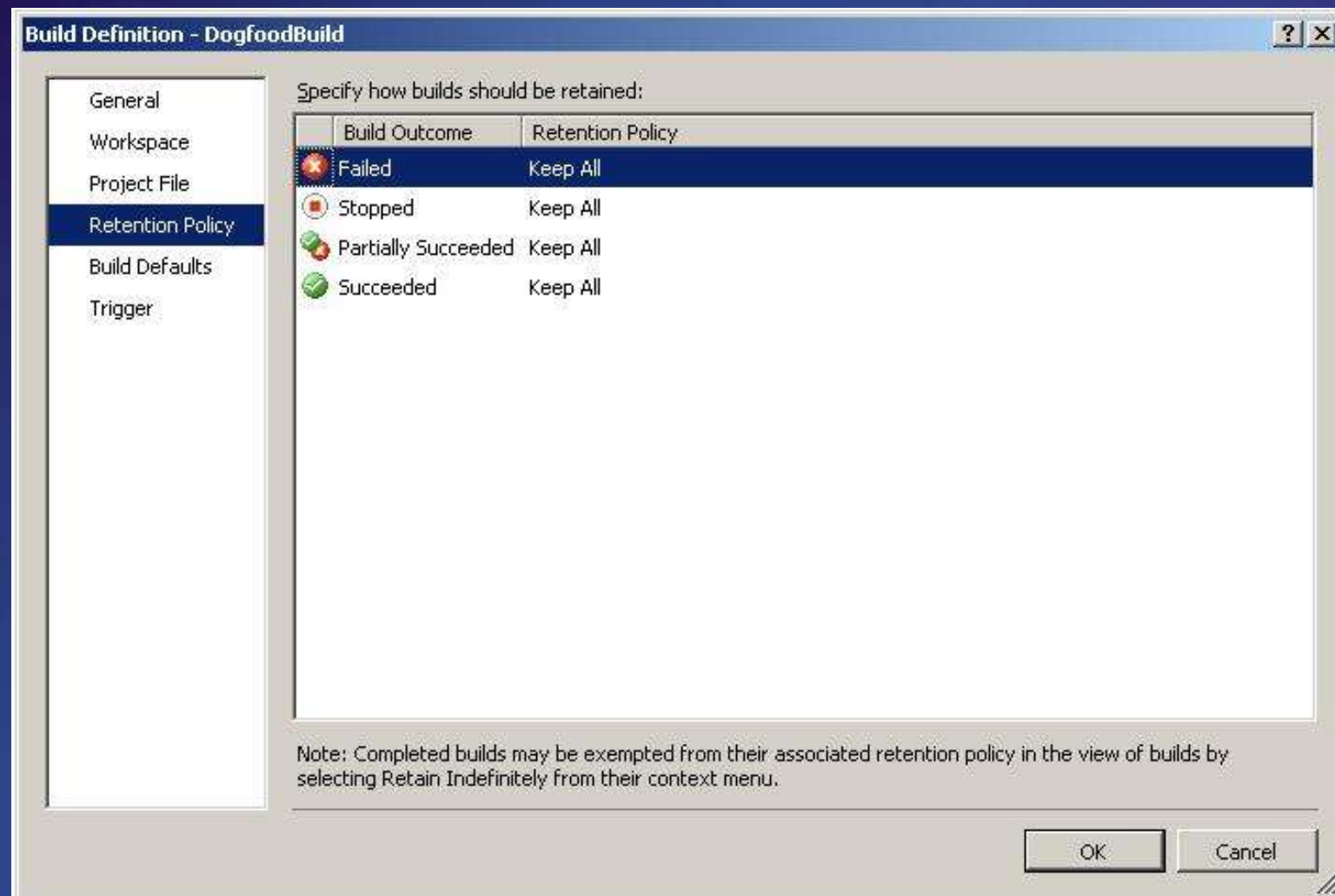
Eastern Daylight Time (GMT -04:00)

Build even if nothing has changed since the previous build

OK Cancel

TFS - Build Definition

Retention Policy



Agenda

New Features of Team Foundation Server 2008

New Features of Team Suite 2008

New Features of Team Roles

Upgrade & Compatibility

Resources



Team Architect

Existing Features

- Application Designer
- System Designer
- Logical Infrastructure Designer
- Deployment Designer

Architecture Edition

New Feature – Top-down Service Designer

Design and whiteboard the overall solution without constraints, leaving implementation details until later

ContosoBank - Microsoft Visual Studio

File Edit View Project Build Debug Diagram Tools Test Window Community Help

System1.sd | BasicBanking.sd | CreditCardServices.sd | CashManagement.sd | AccountServices.sd | OnlineBanking.sd | Solution Explorer - Solution 'ContosoBank'

General Designer

- Pointer
- Connection
- Comment
- Endpoints
 - Pointer
 - .NETWebServiceEnd...
 - WebContentEndpoint
 - GenericEndpoint
- Applications
 - Pointer
 - WindowsApplication
 - ASP.NETWebService
 - ASP.NETWebApplica...
 - OfficeApplication
 - ExternalWebService
 - ExternalDatabase
 - BlzTalkWebService
 - GenericApplication
 - WebService
- Systems
 - Pointer
 - Blank System
 - .NETWebService Syst...
- General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Web Service Details

Select a Web service provider endpoint to add or edit operations. Web service proxy endpoints are read-only.

Only Web service provider endpoints on systems, ASP.NET applications, external Web Services and nested systems are supported. If a supported endpoint is selected, verify whether the application definition or system definition that defines the endpoint and any referenced system definition(s) are available in the solution.

Web Service Details Settings and Constraints

Automatic Synchronization: Model and Code Updated

Properties MortgageRateService System

- Configuration
 - Settings and Constrai [...]
- Design
 - Description
 - Name MortgageRateService
 - System Definition De
 - System Definition Na MortgageRateService
 - Misc
 - Required True
 - Scalable False
 - SDM Document
 - Comments
- Name
 - The name of the system.

Team Developer

Existing features

- Integrated and Rule-Driven Static Analysis
- Performance Tuning through Profiling
 - Sampling or Instrumentation
 - Call Tree Views
- Code Coverage
 - Also available in Team Edition for Testers
- Security Analysis

Development Edition

New features!

- Code Metrics
- Improved Profiling
 - “Hot Pathing” to pinpoint problem
 - WCF Support
 - Load/Web Test Integration
 - Baseline Support
- Better Profile Report Compression
- Customize Code Correctness Policies

Development Edition - Code Metrics

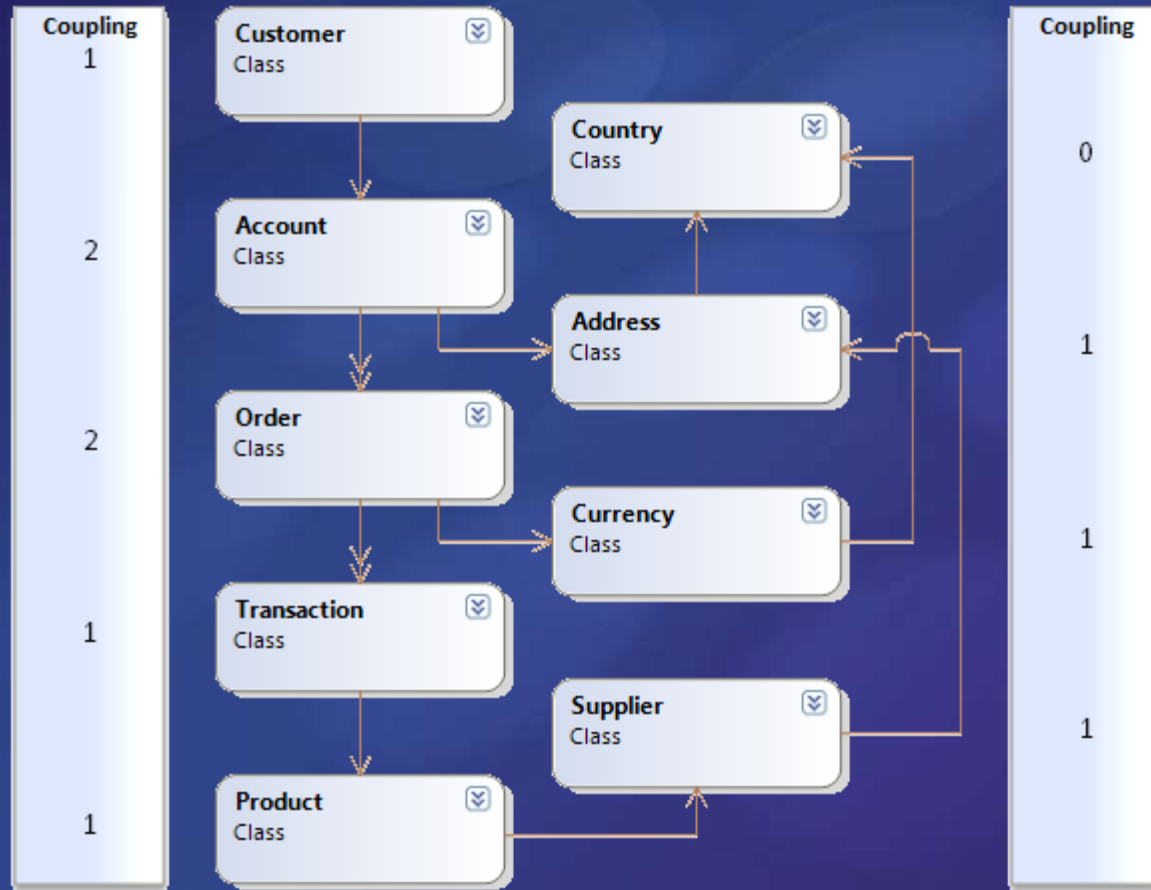
Code Metrics Results

Filter: None Min: Max: [Icons]

Hierarchy	Maintainability Index	Cyclomatic Complexity	Depth of Inheritance	Class Coupling	Lines of Code
BusinessLayer (Release)	38	545	1	9	565
BusinessLayer	38	545	1	9	565
Address	37	265	1	7	275
Address(int, string, string)	76	1		0	4
Id.get() : int	98	1		0	1
LoadAddress(int) : Address	18	102		7	108
Save() : void	7	159		3	160
StreetAddress1.get() : string	98	1		0	1
StreetAddress2.get() : string	98	1		0	1
Customer	38	280	1	7	290
Address.get() : Address	98	1		1	1
Customer(int, string, string)	76	1		0	4
FirstName.get() : string	98	1		0	1
Id.get() : int	98	1		0	1
LastName.get() : string	98	1		0	1
LoadCustomer(int) : Customer	8	146		6	152
Save() : void	13	129		2	130
DataAccessLayer (Release)	95	6	1	2	6
MainApplication (Release)	84	10	7	5	16

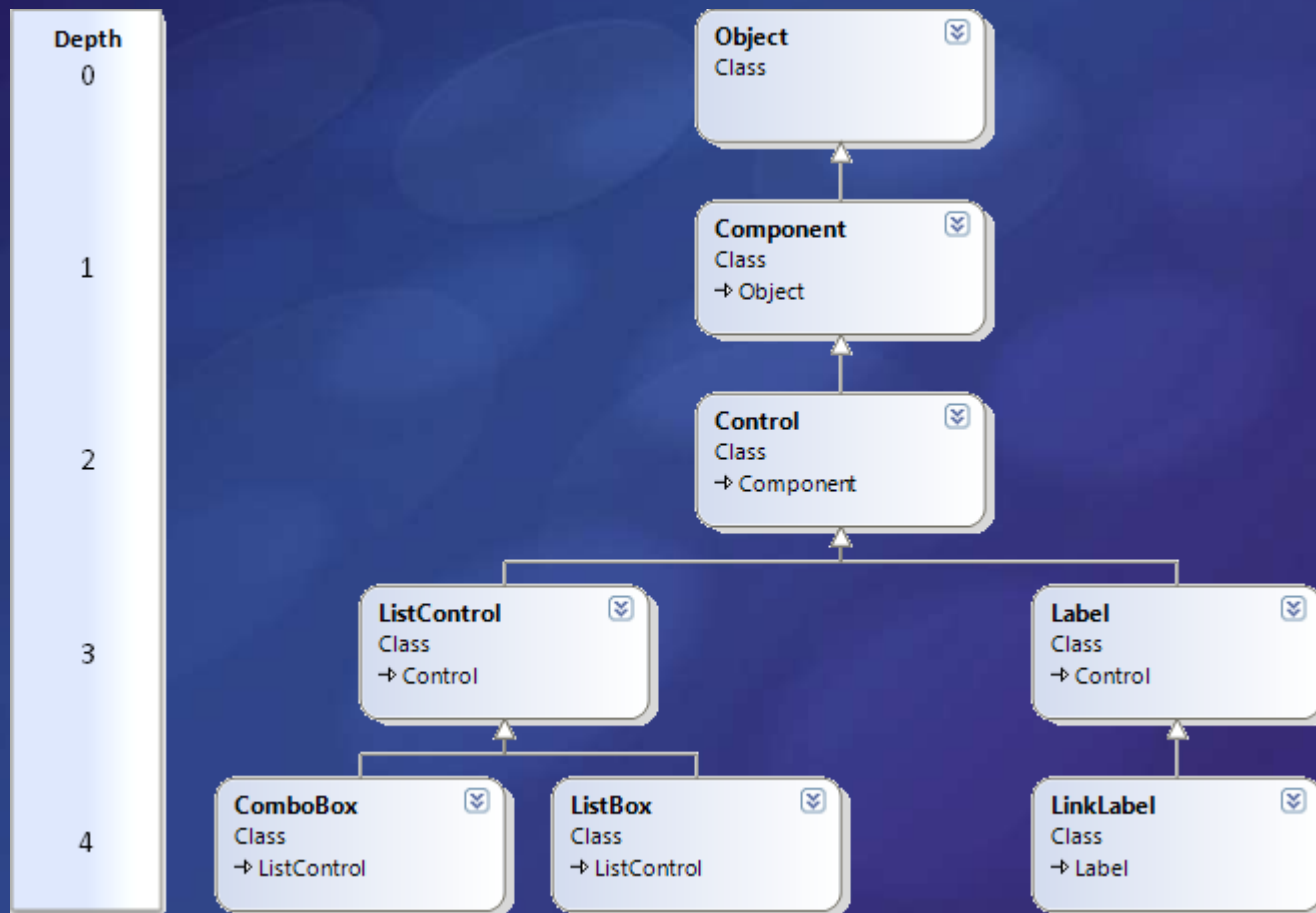
Development Edition - Code Metrics

Class Coupling



Development Edition - Code Metrics

Depth of Inheritance



Development Edition - Code Metrics

Cyclomatic Complexity

Complexity	
1	<code>bool ParseCommandLine(string[] arguments)</code>
	<code>{</code>
2	<code> if (arguments.Length == 0)</code>
	<code> {</code>
	<code> ShowHelp();</code>
	<code> return false;</code>
	<code> }</code>
3	<code> for (int i = 0; i < arguments.Length; i++)</code>
	<code> {</code>
4	<code> if (arguments[i] == "/?")</code>
	<code> {</code>
	<code> ShowHelp();</code>
	<code> return false;</code>
	<code> }</code>
5	<code> if (arguments[i] == "/input")</code>
	<code> {</code>
6,7	<code> if (arguments.Length > 1 && File.Exists(arguments[i + 1]))</code>
	<code> {</code>
	<code> InputFileName = arguments[i++];</code>
	<code> }</code>
	<code> }</code>
	<code> }</code>
	<code> return true;</code>
	<code>}</code>

Development Edition - Code Metrics

Lines of Code

```
Lines  /// <summary>
        ///     Parses the specified command-line arguments.
        /// </summary>
bool ParseCommandLine(string[] arguments)
{
    // By default we show help if no
    // command-line arguments are specified
1     if (arguments.Length == 0)
        {
2         ShowHelp();
3         return false;
        }

4     for (int i = 0; i < arguments.Length; i++)
        {
5         if (arguments[i] == "/?")
            {
6             ShowHelp();
7             return false;
            }

8         if (arguments[i] == "/input")
            {
                // We only recognize the /input
                // switch, if the file name exists
9                 if (arguments.Length > 1 && File.Exists(arguments[i + 1]))
                    {
10                    InputFileName = arguments[i++];
                    }
                }
            }

11     return true;
}
```


Development Edition – Profile Compare

Determine source of performance regressions / improvements

GA_Generalization - Microsoft Visual Studio

File Edit View Project Build Team Debug Workflow Data Tools Test Window Community Help

Comparison File

Comparison Options

Table: Function

Column: Elapsed Exclusive Time

Threshold: 0.1

Compare

Comparison Files

Baseline File: GeneticAlgorithm070320.vsp

New File: GeneticAlgorithm070320(1).vsp

Diff complete.

Comparison Value		Delta	Old Value	New Val
GeneticAlgorithm.CardProblem.Evaluate(class GeneticAlgorithm.CardGenes)	↑	32.36	1.00	33
GeneticAlgorithm.CardGenes.get_Genes()	↓	-21.00	46.41	25
System.Windows.Forms.Application.Run(class System.Windows.Forms.Form)	↑	1.48	37.86	39
System.Windows.Forms.Form..ctor()	↓	-1.05	1.96	0
System.Windows.Forms.Application.EnableVisualStyles()	↓	-0.34	0.37	0
System.Windows.Forms.PropertyGrid.set_SelectedObject(object)	↓	-10.90	10.90	0
System.Windows.Forms.Form.Show(class System.Windows.Forms.IWin32Window)	↓	-0.30	0.30	0

Ready

Team Dev/Team Test - Unit Test

Existing features

- Code-level tests to validate methods
- Code coverage supported
- Bind to a data source
- Publish Test Results to TFS

Visual Studio 2008 Pro - Unit Test

New features!

- Generate tests from a binary
- Support for generics
- Contextual execution
- Faster and more reliable
- Available in Visual Studio Professional Edition
- And more!

Team Test - Web Test

Existing features

- Built for non-programmers
 - Can convert to a coded Web test or use Plug-ins
- “HTTP” tests
 - Send data over HTTP with
 - HTTP headers
 - Query String
 - Form post parameters
- Validates and Extract server responses to queries
- Bind to a data source

Test Edition - Web Test

New features!

- AJAX support
- Data-driven
 - Easy to use wizard
 - Easily bind to XML and CSV files
 - Deployment assistance
- Add a call to another Web Test
 - Also extract steps
- Reusable elements
- Improved validation rules
- Correlation Tool

Test Edition – Improved UI

The screenshot shows the Microsoft Visual Studio interface for a web test project named 'UserAction'. The 'Server Explorer' on the left shows a tree view of the test project with several requests listed. A context menu is open over the request 'http://www.counterpunchsoftware.com/Training.aspx'. The menu includes options like 'Insert Request', 'Add Header', and 'Run Test'. A blue callout box points to the 'Run Test' and 'Debug Test' options, highlighting the improved UI for maneuvering individual requests.

GA_Generalization - Microsoft Visual Studio

File Edit View Project Build Team Debug Workflow Data Tools Test Window Community Help

UserAction [6:43 PM] UserAction.webtest

Test View

[All Columi]

Item(s) selected: 1

Test Name	Project
TestMethod1	TestProjec
UserAction	TestProjec

Ability to maneuver individual requests in a test run in order to see results or debug tests.

Run Test

- Run Test
- Debug Test
- Run Test (Pause Before Starting)
- Debug Test (Pause Before Starting)

Properties

Microsoft.VisualStudio.TestTools

Cache Control False

Encoding utf-8

Expected HTTP 0

Follow Redirect True

Parse Depend True

Record Result True

Control

indicates that the requests

cached. False indicates tha...

Test Edition – Re-use Components

The screenshot displays the Microsoft Visual Studio interface for a project named 'StoreFront'. The main window shows a test component tree for 'AjaxSearch.webtest' with the following items:

- AjaxSearch
 - Login
 - http://vsncts01/StoreCSVS/productslist.aspx
 - http://vsncts01/StoreCSVS/AddToCart.aspx
 - http://vsncts01/StoreCSVS/ShoppingCart.aspx
 - http://vsncts01/lowlevel
 - http://vsncts01/lowlevel/UpdatePanelExamples2/UpdatePanelAndOutsideTrigger.aspx
 - http://vsncts01/lowlevel/UpdatePanelExamples2/UpdatePanelAndOutsideTrigger.aspx
 - Validation Rules

The 'Login' component is highlighted with a blue box, and a blue callout bubble points to it with the text: "Re-use Login Component across tests".

The Solution Explorer on the right shows the project structure:

- Solution 'StoreFront' (1 project)
 - Solution Items
 - LocalTestRun.testrunco...
 - StoreFront.vsmdi
 - StoreFrontTests
 - Properties
 - References
 - AjaxSearch.webtest
 - CheckOrder.webtest
 - LoadTestWebServices.lo...
 - LoadTestWebSite.loadte...
 - Login.webtest
 - Orders.csv
 - PlaceOrder.webtest
 - Search.webtest
 - WTPlugin.cs

Team Test - Load Test

Existing features

- Executes Unit Tests and Web Tests
- Simulates desired number of virtual users
- Ideal for performance and stress testing
- Collects performance metrics on client and server

Test Edition - Load Test

New features!

- New user modeling
- Test iteration count defined running time
- Paneled graphs with smart grouping and zoom
- Analysis report
- Export performance counter data to CSV and Microsoft Office Excel
- Manage results
 - Delete old runs
 - Export and import run data
- And more!

Test Edition – Load Test

Test Mix Model

GA_Generalization - Microsoft Visual Studio

File Edit View Project Build Team Debug Workflow Data Tools Test Window Community Help

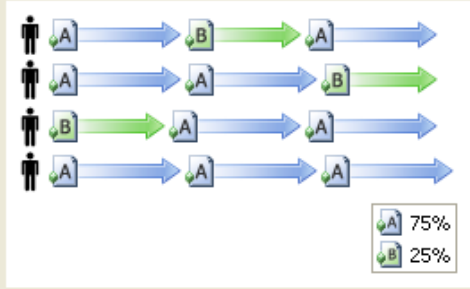
UserAction [6:43 PM] UserAction.webtest Solution Explorer - Te... X

New Load Test Wizard

Select a test mix model for the load test

How should the test mix be modeled?

- Based on the total number of tests
- Based on the total time
- Based on the user pace



Each test is run the specified percent of the total number of tests run during the load test. This model is recommended when the tests do not vary greatly in length.

75%
25%

Quickly apply one of the various pre-defined models to your load test run based on number of tests and test mix, total time per test or user pace.

< Previous Next > Finish Cancel

Summary Graphs Tables

Test Completed 300 threshold violations

Load Test Summary

Test Run Information

Load test name	LoadTest1
Description	IBuyDeclarative Dual Proc - 20124.00
Start time	1/26/2007 7:22:51 PM
End time	1/26/2007 7:42:51 PM
Warm-up duration	00:01:40
Duration	00:20:00
Controller	VSNCMD07
Run settings used	Run Settings1

Overall Results

Max User Load	1,000
Requests/Sec	321
Requests Failed	0
Requests Cached Percentage	73.7
Avg. Response Time (sec)	1.36
Avg. Content Length (bytes)	2,366
Tests/Sec	5.03
Tests Failed	0
Avg. Test Time (sec)	190
Avg. Transaction Time (sec)	48.6
Avg. Page Time (sec)	6.76

Test Results

Name	Scenario	Total Tests	Failed Tests (% of total)	Avg. Test Time (sec)
AnonBrowseStatic	NewScenario	6,035	0 (0)	190

Key Statistic: Top 5 Slowest Pages

URL	Avg. Page Time (sec)
http://vsncts03/StoreCSVStatic/product...	12.5
http://vsncts03/StoreCSVStatic/product...	11.5
http://vsncts03/StoreCSVStatic/product...	9.61
http://vsncts03/StoreCSVStatic/product...	9.44
http://vsncts03/StoreCSVStatic/product...	9.41

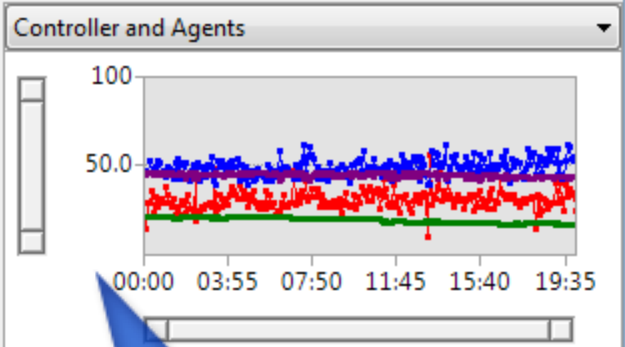
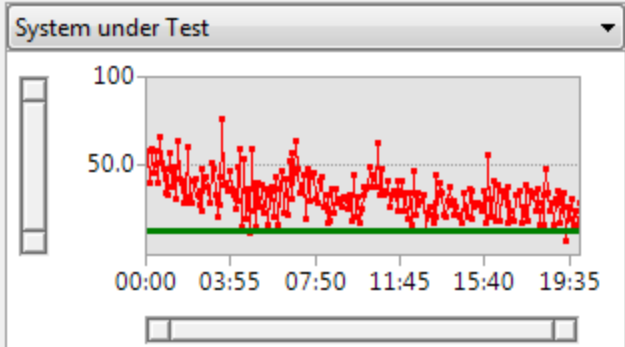
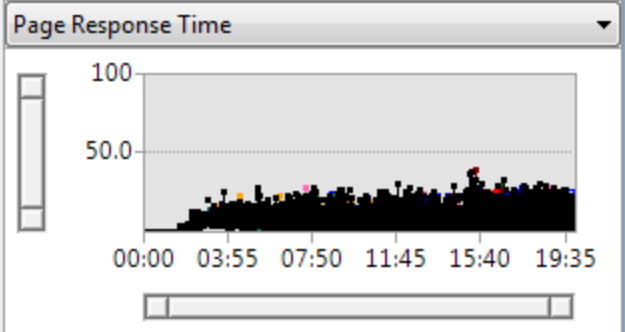
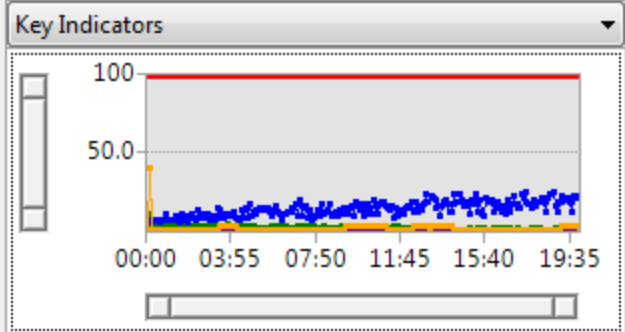
Key Statistic: Top 5 Slowest Tests

Name	Avg. Test Time (sec)
AnonBrowseStatic	190

Load Test Summary Report Exposes key information

Test Completed 300 threshold violations

- Counters
- Overall
 - NewScenario
 - Computers
 - Errors



Counter	Instance	Category	Compu...	Color	Range	Min	Max	Avg
Key Indicators								
<input checked="" type="checkbox"/>	User Load	_Total	LoadTes...	VSNCM...	1,000	1,000	1,000	1,000
<input checked="" type="checkbox"/>	Requests/...	_Total	LoadTes...	VSNCM...	10,000	0	1,353	521
<input checked="" type="checkbox"/>	Avg. Resp...	_Total	LoadTes...	VSNCM...	0.65	0.65	0.65	0.65
<input checked="" type="checkbox"/>	Errors/Sec	_Total	LoadTes...	VSNCM...	0	0	0	0
<input checked="" type="checkbox"/>	Threshold...	_Total	LoadTes...	VSNCM...	10	0	10	0.27

Multi-panel graph view
Automatically graphs key indicators

Agenda

New Features of Team Foundation Server 2008

New Features of Team Suite 2008

New Features of Team Roles

Upgrade & Compatibility

Resources



Ist das Upgrade problematisch?

- Wenn es gut geht: unter einer Stunde fertig
- Wenn es nicht gut geht...
 - Diverse Neuerungen in Team Build
weblogs.asp.net/dmckinstry/archive/2007/08/27/introduction-to-team-build-2008-for-team-build-2005-users.aspx
 - Freischaltung der Trial-Version über den Produktschlüssel schlägt fehl
 - Diverse Tipps & Tricks
<http://ozgrant.com/2007/11/24/tips-for-upgrading-from-tfs2005-to-tfs2008/>

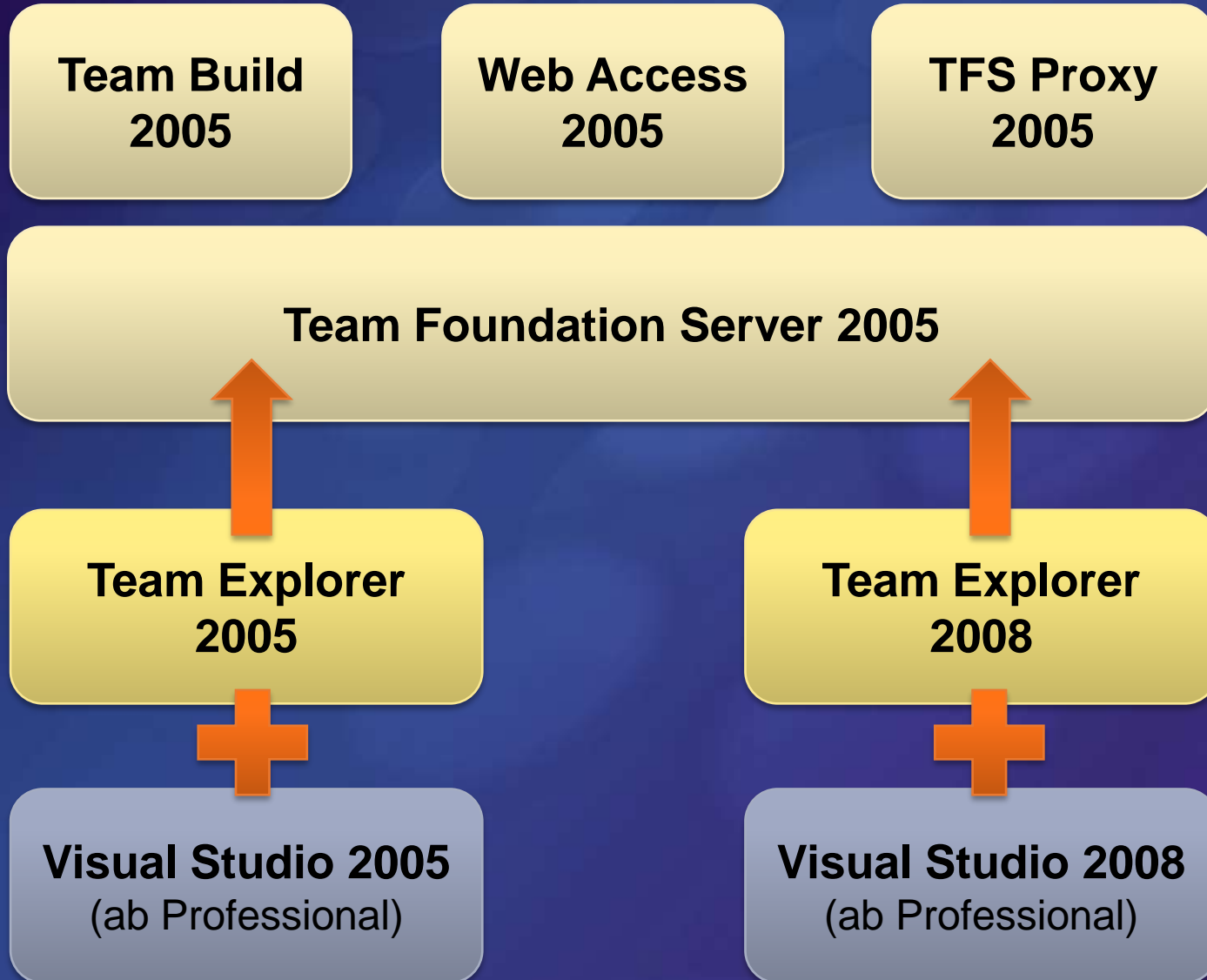
Vorbereitung auf das Upgrade

- Aktuellsten Installation Guide verwenden:
www.microsoft.com/downloads/details.aspx?FamilyID=ff12844f-398c-4fe9-8b0d-9e84181d9923
- Nicht vom Guide abweichen
- Datensicherung vornehmen
- Vorher auf Kopie des System ausprobieren
 - Image / virtuelle Maschine
 - Läuft das Update ohne Fehler durch?
 - Laufen die Buildprozesse noch?

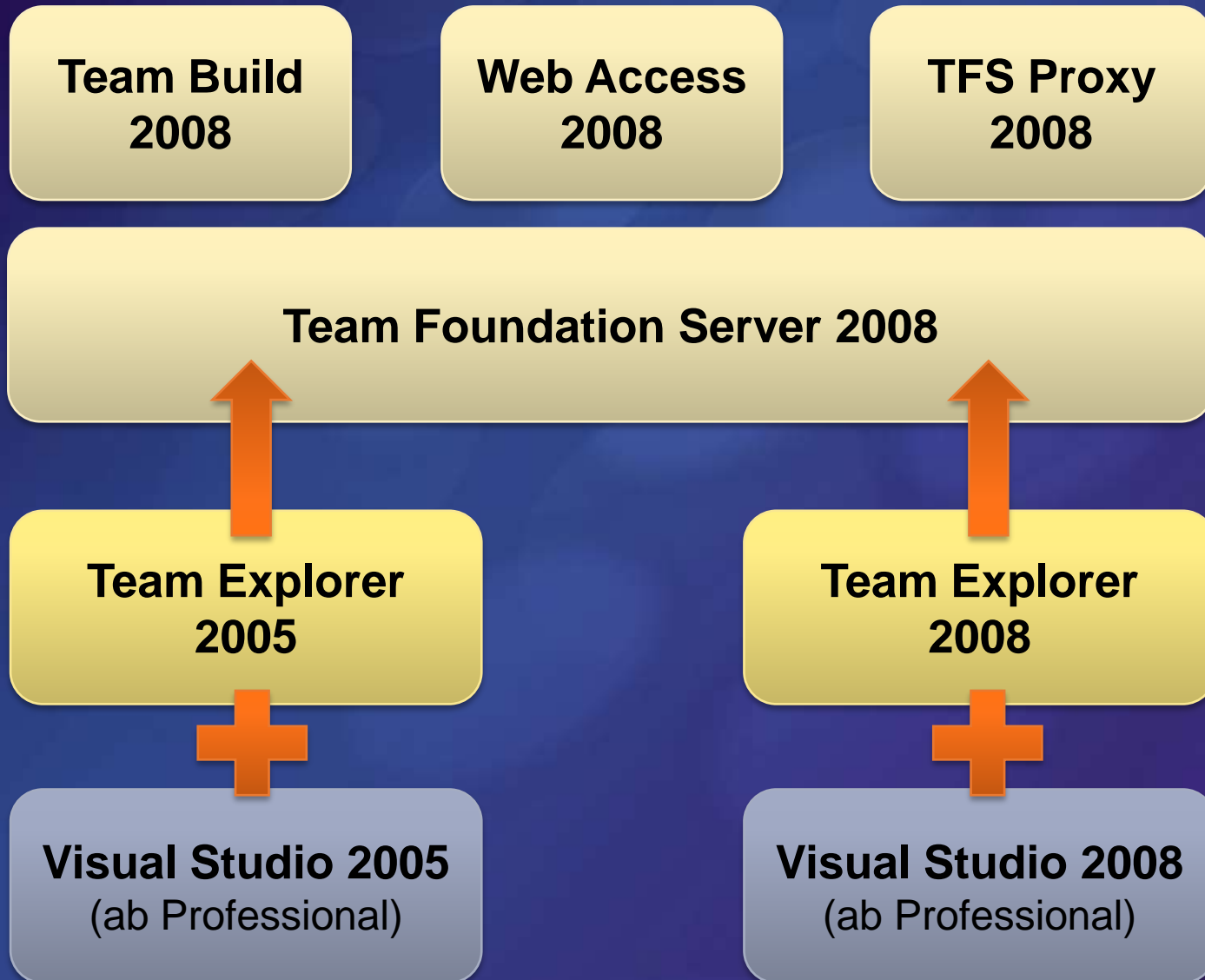
Upgrade im Überblick

- Server (TFS)
 - Beide Tiers, Buildserver, TSWA
 - Trial-Version ist ausreichend
 - Kann nachträglich mit Produktschlüssel freigeschaltet werden
- Client (Visual Studio)
 - VS 2005 und VS 2008 können auf einem PC parallel installiert werden und koexistieren
 - Nach Installation von VS 2008
 - Team Explorer 2008 und ggf. Power Tools installieren

Kompatibilität: TFS 2005



Kompatibilität: TFS 2008



Team Build 2008 / 2005

Compatibility

Feature	TFS2005		TFS2008	
Create Build	5		5	8
Start / Queue Build	5	8	5	8
View Build Definitions	5	8	5	8
View Completed Builds	5	8	5	8
View Queued Builds				8
View Build Reports	5	8	5	8
View Build Log	5	8	5	8
Edit Build Quality	5	8	5	8
Open Drop Folder	5	8	5	8
Stop/Cancel Build				8
Pass command line arg				8

Feature	TFS2005		TFS2008	
Delete Build Definition		8		8
Edit Retention Policy				8
Edit Build Triggers				8
Assign Build Agent (UI)	5			8
Delete Build in UI		8		8
Build .NET 2.0 project	5	8	5	8
Build .NET 3.5 project				8
Postpone Build				8
Manage Build Qualities	5		5	8
Manage Build Agents			5	8
Edit workspace map	5	8		8

Upgrade auf TFS 2008

1. TFS 2005 → TFS 2008

- setup.exe deinstalliert TFS 2005, aktualisiert die Datenbanken und installiert TFS 2008

Manuelle Schritte:

2. Team Build 2005 → Team Build 2008

3. Web Access 2005 → Web Access 2008

4. WSS 2.0 → WSS 3.0/MOSS (optional)

Zusammenfassung

- VSTS & TFS 2008 sind eher evolutionäre Weiterentwicklungen als eine "Revolution"
 - Nächste größeres Release: Visual Studio 'Rosario'
- Client und Server können separat umgestellt werden
 - VSTS 2008 erlaubt es auch gegen das .NET Framework 2.0 zu entwickeln
 - Es muss am Client nichts geändert werden, wenn der TFS auf die Version 2008 umgestellt wird

Nächste Schritte

1. Upgrade von VSTS & TFS 2008
 - Reihenfolge ist frei wählbar
2. Prüfen ob Buildprozesse noch funktionieren
3. Upgrade auf WSS 3.0
 - Optional
 - Belohnung: neue Funktionalität (RSS, Wiki, Offlinebibliotheken mit Outlook 2007)

Agenda

New Features of Team Foundation Server 2008

New Features of Team Suite 2008

New Features of Team Roles

Upgrade & Compatibility

Resources



Weitere Informationen

- Was ist neu in der Architecture Edition? (engl.)
<http://msdn2.microsoft.com/en-us/library/bb386044.aspx>
- Was ist neu in der Development Edition (engl.)
<http://msdn2.microsoft.com/en-us/library/bb385748.aspx>
- Was ist neu in der Test Edition (engl.)
<http://msdn2.microsoft.com/en-us/library/bb385901.aspx>
- Was ist neu in der Database Edition (engl.)
<http://msdn2.microsoft.com/en-us/library/bb907261.aspx>
- Finale Liste aller Features in VSTS & TFS 2008 (engl.)
<http://blogs.msdn.com/bharry/archive/2007/08/08/final-tfs-2008-feature-list.aspx>

Downloads für TFS 2008

- Team Foundation Installation Guide for VSTS 2008
<http://www.microsoft.com/downloads/details.aspx?FamilyID=ff12844f-398c-4fe9-8b0d-9e84181d9923>
- VSTS Web Access 2008 Power Tool
<http://www.microsoft.com/downloads/details.aspx?FamilyID=c568fba9-3a62-4781-83c6-fdfe79750207>
- VSTS 2008 Team Foundation Server Power Tools
<http://msdn2.microsoft.com/en-us/tfs2008/bb980963.aspx>
- VSTS 2008 Team Foundation Server MSSCCI Provider
<http://www.microsoft.com/downloads/details.aspx?FamilyId=FAEB7636-644E-451A-90D4-7947217DA0E7>
- VSTS 2008 Team Explorer
<http://www.microsoft.com/downloads/details.aspx?FamilyID=0ed12659-3d41-4420-bbb0-a46e51bfca86>

Webcast Serie zu VSTS 2008

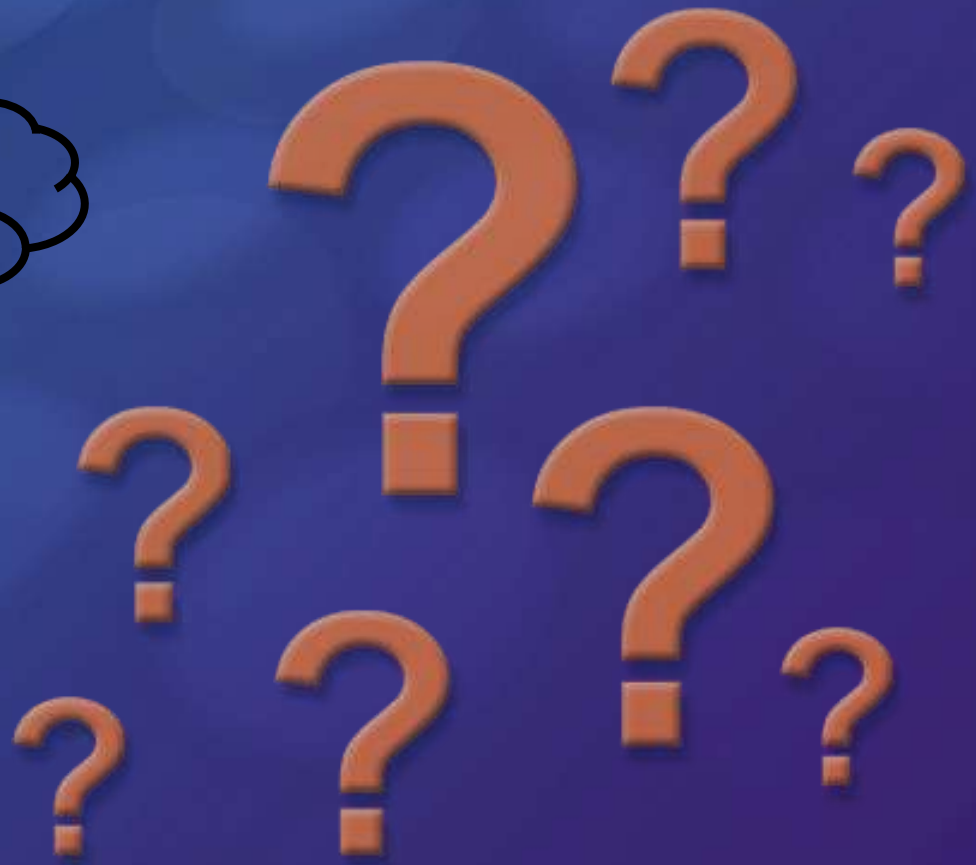
<p>i Visual Studio Team System 2008 (Teil 1 von 10) - Team Foundation Server - Mehr als nur eine Versionsverwaltung! Presenter: Neno Loje Typ: Serien-Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	100	-	20.02.2008
<p>i Visual Studio Team System 2008 (Teil 2 von 10) - Team Foundation Server 2008 - Was ist neu? Presenter: Neno Loje Typ: Standard Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	100	-	27.02.2008
<p>i Visual Studio Team System 2008 (Teil 3 von 10) - Auf geht's: Installation und Migration auf den Team Foundation Server 2008 Presenter: Neno Loje Typ: Serien-Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	100	-	05.03.2008
<p>i Visual Studio Team System 2008 (Teil 4 von 10) - TFS 2008 für Entwickler: Arbeiten mit der neuen Versionsverwaltung Presenter: Neno Loje Typ: Serien-Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	200	-	12.03.2008
<p>i Visual Studio Team System 2008 (Teil 5 von 10) - TFS 2008: Mit definierten Buildprozessen und Continuous Integration zu mehr Softwarequalität Presenter: Neno Loje Typ: Serien-Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	200	-	19.03.2008
<p>i Visual Studio Team System 2008 (Teil 6 von 10) - TFS 2008 für Projektleiter: Projektmanagement, Arbeitsaufgaben und Berichte Presenter: Lars Roith Typ: Serien-Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	100	-	27.03.2008
<p>i Visual Studio Team System 2008 (Teil 7 von 10) - Datenbankentwicklung als Teil des Softwareentwicklungsprozesses Presenter: Dariusz Parys Typ: Serien-Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	200	-	02.04.2008
<p>i Visual Studio Team System 2008 (Teil 8 von 10) - Qualitätssicherung und Presenter: Neno Loje Typ: Serien-Webcast Technologiebereich: Dauer: N/A</p>	Teamentwicklung, Quellcodeverwaltung und Testen	100	-	09.04.2008

microsoft.de/msdn/webcasts/serien/MSDNWCS-0802-01.mspix



Noch Fragen?:

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