

Updates in 10.3.3

We made the following updates in this release.

- [Support for Visual Studio 2017](#)
- [Collecting Coverage from Standalone Applications with Coverage Agent Manager](#)
- [Enhanced Workflow for Test Configurations](#)
- [Other Enhancements](#)
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Support for Visual Studio 2017

dotTEST can now be integrated with Visual Studio 2017. Support for C# 7.0 and VB.NET 15.0 are also included.

Collecting Coverage from Standalone Applications with Coverage Agent Manager

The coverage collection functionality has been extended to collect coverage information from standalone applications with Coverage Agent Manager—a web interface that allows you to collect coverage and test data during test execution; see [Application Coverage for Standalone Applications](#) for details.

Enhanced Workflow for Test Configurations

We've made it easier for you to interact with test configurations when working with dotTEST on your desktop. Now you can easily duplicate and customize an existing test configuration on DTP, as well as run a test configuration right from your IDE Preference page; see [Creating Custom Test Configurations](#) and [Setting the Active Test Configuration](#) for details.

Other Enhancements

- Support for .NET Framework 4.7, which is bundled with dotTEST and can be automatically installed during dotTEST installation
- Analyzing website projects with metrics

Updated Code Analysis Rules

The following code analysis rules have been updated:

Rule ID	Description
SERIAL.XML.SOAFAP-1	Make sure that type of serialized field/property is compatible with type used in XmlElementAttribute
SEC.LGE-2	Ensure all exceptions are either logged with a standard logger or rethrown
PB.STATICFLD-3	Do not write to static fields from non-static methods
EXCEPT.NCSAE-3	Avoid the use of "catch" on 'Exception', 'SystemException' or 'ApplicationException'
CS.BRM.ES-3	Use string.Empty for empty strings
VB.BRM.ES-3	Use string.Empty for empty strings (added rule for Visual Basic)

Resolved Bugs and FRs

Bug/FR ID	Description
DT-9406	On 32-bit Windows 7 dotTEST FA cannot analyze a project with target platform set to x64
DT-9403	Rule map not being honored by DTPEnginefor.NET
DT-8947	Not reporting of tests or coverage when running MSTests with coverage
DT-8781	monitorCoverage.bat script template deletes application log directory (accumulation not possible)

DT-9700	'dotTEST is not licensed' message is shown at the end of analysis
DT-9486	Build hanging when trying to rebuild solution with DTPEnginefor.NET
DT-10452	EXCEPT.NCSAEfalse positive - any async method declaration triggers the rule
DT-9286	Analyzing Websiteprojectvswholesolution
DT-9276	'Failed to connect to dotTEST service on port XXXXX' message being displayed