

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](#)
- [Updated Code Analysis Rules](#)
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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) |

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| 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.NCSAE false 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 |