

ReSharper 5.0 vs. Visual Studio 2010 Comparison

This document lists some of the features that are provided by ReSharper 5.0 but are missing or not as fully implemented in Visual Studio 2010.

| Feature | Visual Studio 2010 | ReSharper 5.0 |
|---|--------------------|---------------|
| Code Analysis | | |
| On-the-fly error highlighting | ✓ | + |
| Quick-fixes to resolve errors | ✗ | ~600 |
| Code inspections (code quality control) | ✗ | ~900 |
| Solution-wide error highlighting | ✗ | ✓ |
| Solution-wide warnings and suggestions | ✗ | ✓ |
| Possible NullReferenceException analysis | ✗ | ✓ |
| Call tracking (Call hierarchy) | ✓ | + |
| Value tracking | ✗ | ✓ |
| Naming style control | ✓ | + |
| Annotated .NET Framework classes | ✗ | ✓ |
| Coding Assistance | | |
| Code completion | ✓ | + |
| Smart completion (context-driven) | ✗ | ✓ |
| Import Symbol completion (completes types and extension methods from entire solution) | ✗ | ✓ |
| Complete Statement | ✗ | ✓ |
| Upgrade loops to LINQ | ✗ | ✓ |
| Auto-import namespace import directives | ✓ | + |
| Rearrange code | ✗ | ✓ |
| Localization assistance | ✗ | ✓ |
| Navigation & Search | | |
| Structural search and replace | ✗ | ✓ |
| Go to declaration | ✓ | + |
| Go to base type | ✗ | ✓ |
| Go to inheritor | ✗ | ✓ |
| Find references | ✓ | + |
| Go to reference | ✗ | ✓ |
| Highlight references | ✓ | + |
| Go to any symbol | ✓ | + |
| Go to type | ✓ | + |
| Go to file member | ✓ | + |
| Go to file | ✓ | + |
| Go to related files | ✗ | ✓ |
| Navigate external sources | ✗ | ✓ |
| View recent files | ✗ | ✓ |
| View recent edits | ✗ | ✓ |
| Type hierarchy | ✗ | ✓ |
| File structure | ✗ | ✓ |
| Code bookmarks | ✓ | + |
| Solution-wide to-do browser | ✗ | ✓ |
| Stack trace explorer | ✗ | ✓ |

| Feature | Visual Studio 2010 | ReSharper 5.0 |
|--|--------------------|----------------|
| Refactorings | | |
| Solution-wide refactorings | 6 | 40 |
| Context actions (automated code transformations) | ✗ | ~200 |
| Code Generation | | |
| Create from usage | ✓ | + |
| Code snippets (templates) | ✓ | ✓ |
| Generate files from template | ✓ | + |
| Generate type members | ✗ | ✓ |
| Code Cleanup | | |
| Optimize namespace import directives | ✓ | ✓ |
| Remove code redundancies | ✗ | ✓ |
| Organize type members | ✗ | ✓ |
| Reformat code | ✓ | + |
| Code Cleanup: performs all cleanup tasks in one go | ✗ | ✓ |
| Unit Testing | | |
| NUnit support | ✗ | ✓ |
| MbUnit support | ✗ | ✓ ¹ |
| xUnit.net support | ✗ | ✓ ² |
| MSTest support | ✓ | ✓ |
| Unit test explorer | ✗ | ✓ |
| Multiple unit test sessions | ✗ | ✓ |

Legend

✗ Unsupported ✓ Supported + Better support

1. Available via Gallio plug-in
2. Available via xUnit.net Contrib project