JetBRAINS

What's New in ReSharper 9?

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Good Housekeeping

Unified installer

Common **Platform**

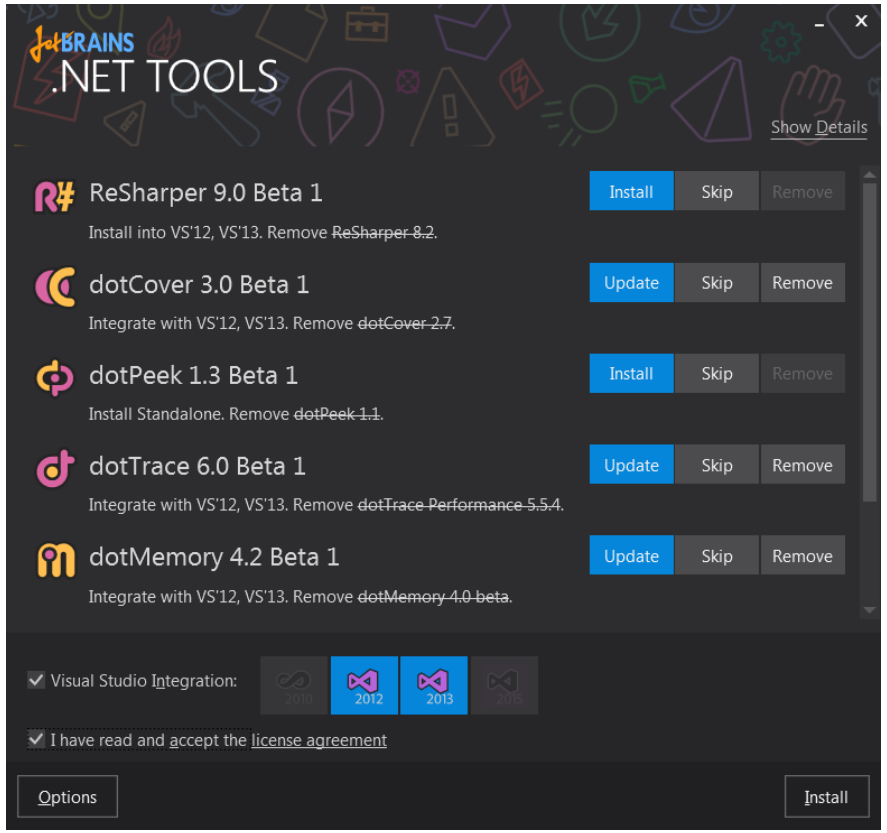
- Shared resources

Enable/disable features

Simpler licensing

- ReSharper
- ReSharper C++
- ReSharper Ultimate

soon



Performance

Startup time – deferred and optimised initialisation

ReSharper Platform. Single set of resources used

“Warm storage” for caches

- Most notably SWEA
- Faster project load

Usability Improvement

Go to action (universal Alt+Enter)

Search in Options

Visual file layout editor

Regular Expressions

Syntax highlighting + brace matching

Code completion of regular expression symbols

Code completion of captured groups

Validation utility

Mark string as regex

Diagrams

Type dependency diagram

Visually navigate between dependencies of types:

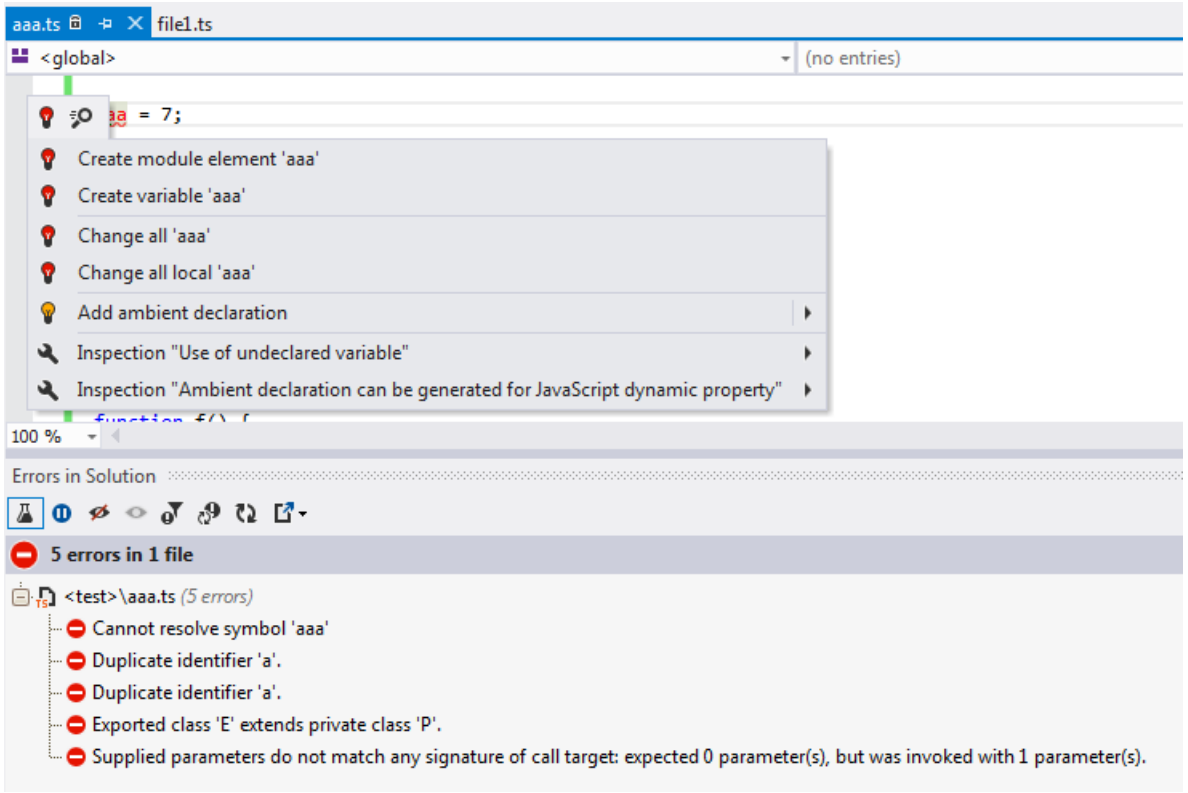
- Usage, aggregation, inheritance, return type, constructor injection

Drag and drop refactoring
  invokes move refactoring

TypeScript

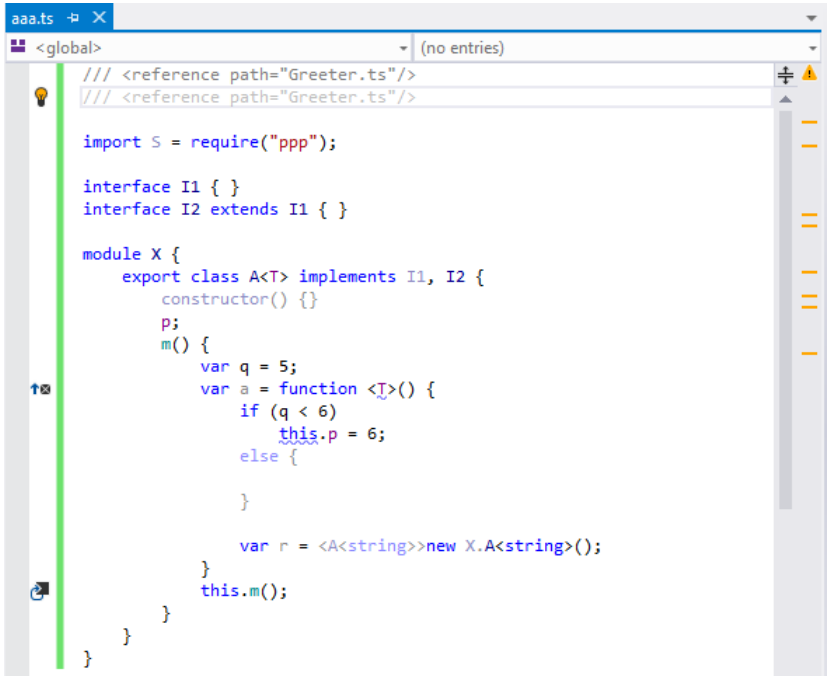
270 new inspections, many with Quick Fixes

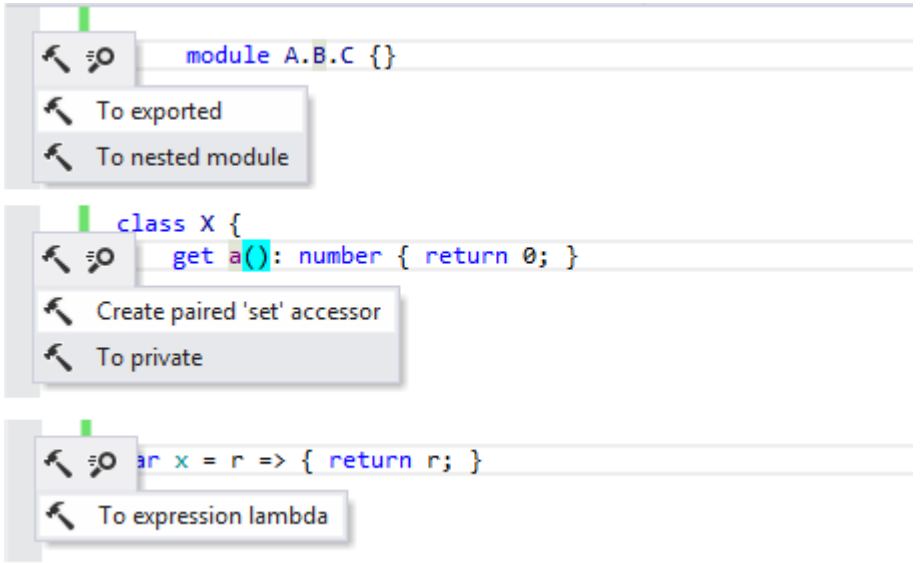
E.g. create from usage, change all, etc.



TypeScript

New inspections + context actions

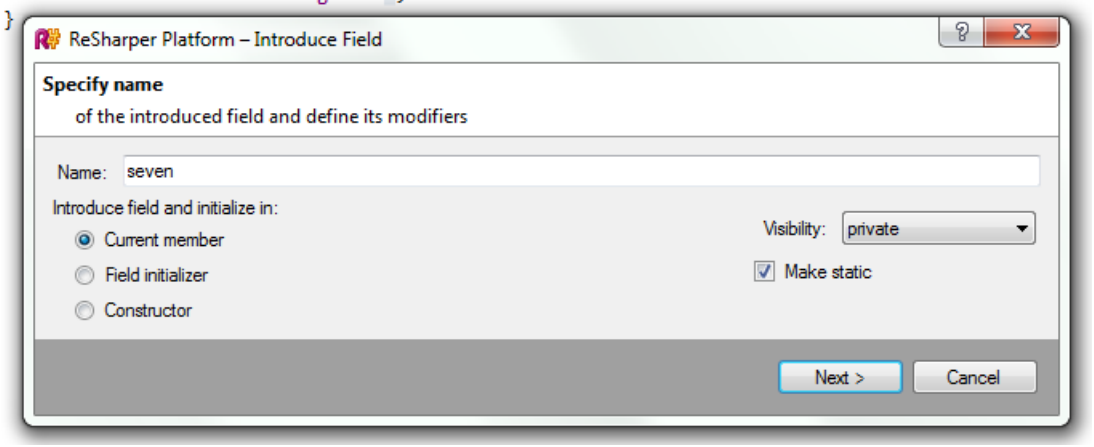




TypeScript

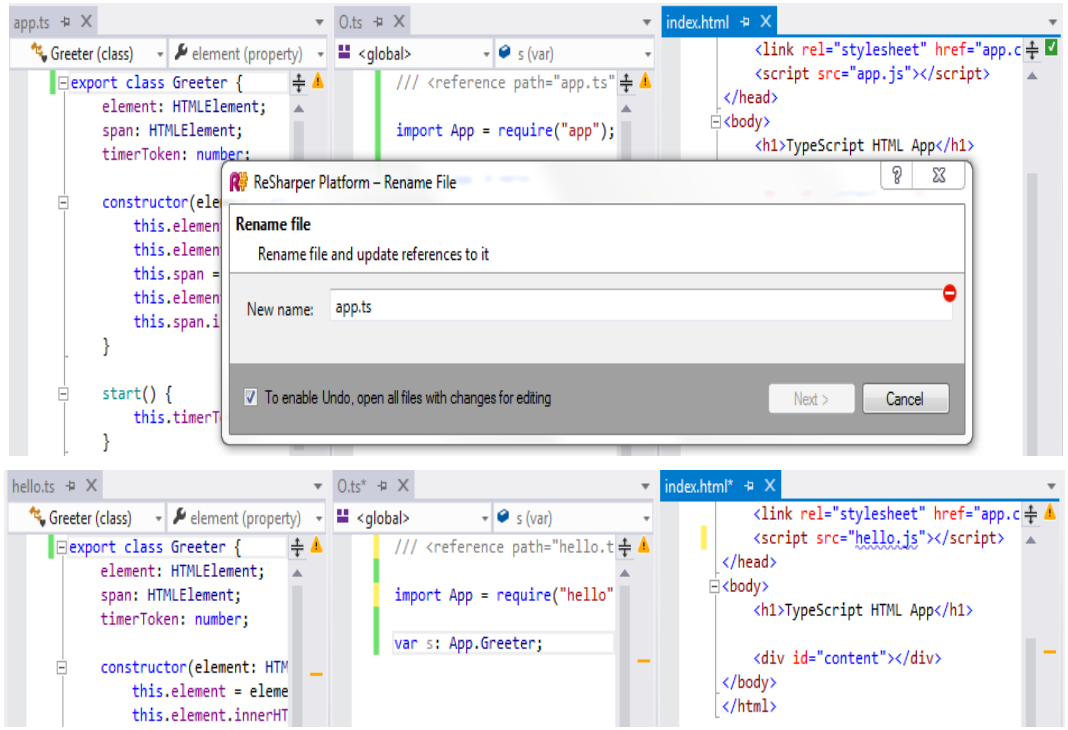
New Refactorings – Introduce Field, Copy Type, Move

```
class Z {

    constructor() { Z.five = 5; }

    private static five: number;
    public eight= 8;

    m() {
        var s = Z.five + this.eight + 7;
    }
}
```



TypeScript

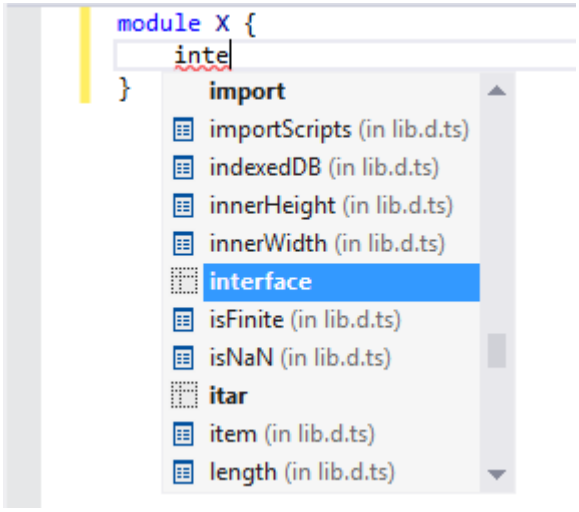
Rename File – updates file based module dependencies, reference comments, etc.



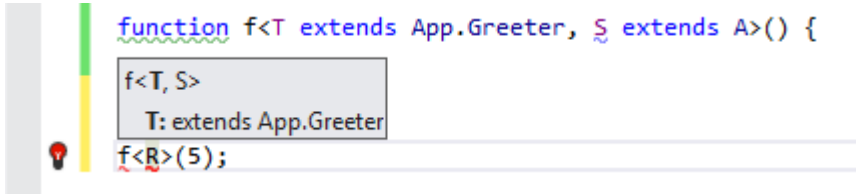
TypeScript

Live Templates

TS specific template scopes



Parameter info + generics



Visual Studio 2015

Uses Roslyn project model for files and references

Integrates Visual Studio “bulb”

Disable Roslyn “squiggles”

ASP vNext project support

(PS. don’t forget Visual Studio 2013 Community Edition!)

C# 6.0

Done

Null propagation

Expression bodied members

Using static members

Auto property initialisers

Exception filters

Index initialisers

Future update

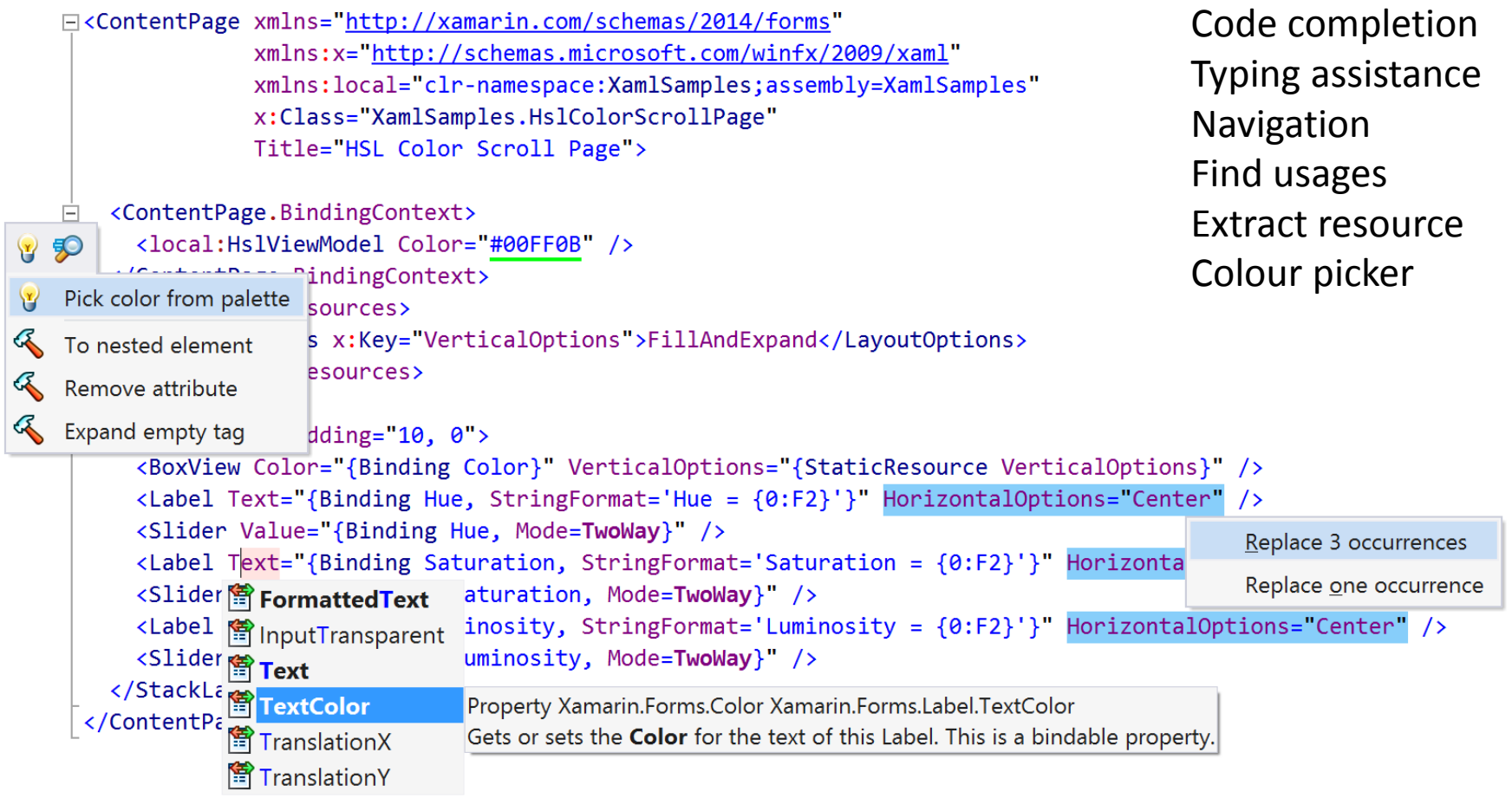
`nameof` operator

String interpolation

Further spec changes

(e.g. `using static`)

Xamarin Forms



Code completion
Typing assistance
Navigation
Find usages
Extract resource
Colour picker

What’s new?

- ReSharper Platform
- Navigation
- “ReSharper for functionality”
  - Go to Action, Search in options, easy code formatter configuration
- Editing
- Inspections
- Code Style
- Visual file layout editor
- Type Dependency Diagram
- Xamarin Forms
- Shared Projects improvements
- Visual Studio 2015
- Languages
  - C# 6.0
  - C++
  - TypeScript
  - Regular Expressions

https://www.jetbrains.com/resharper

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