

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



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

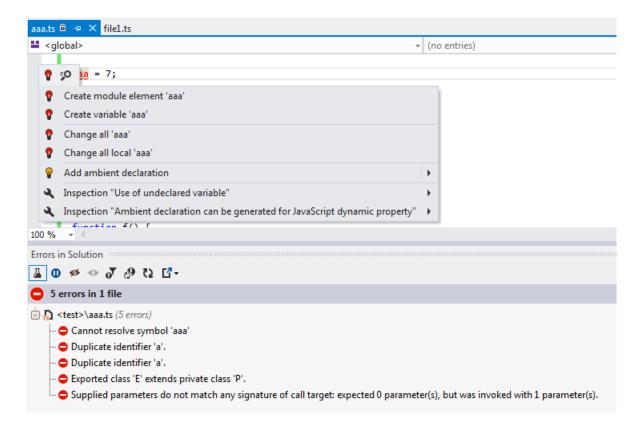
Visually navigate between dependencies of types:

Usage, aggregation, inheritance, return type, constructor injection

Drag and drop refactoring invokes move refactoring

270 new inspections, many with Quick Fixes

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



New inspections + context actions

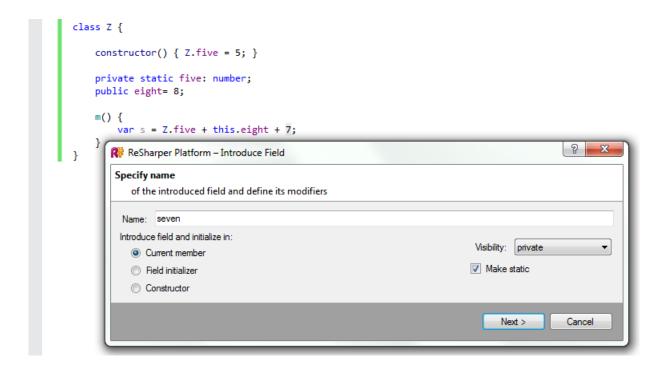
```
To exported
To nested module

class X {
    get a(): number { return 0; }

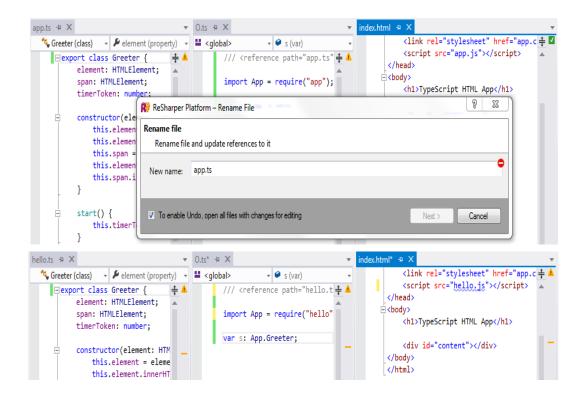
Create paired 'set' accessor
To private

To expression lambda
```

New Refactorings – Introduce Field, Copy Type, Move

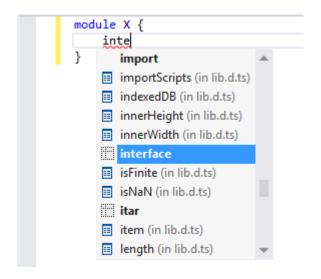


Rename File – updates file based module dependencies, reference comments, etc.



Live Templates

TS specific template scopes



Parameter info + generics

```
function f<T extends App.Greeter, S extends A>() {
    f<T, S>
    T: extends App.Greeter
    f<R>(5);
```

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

```
□ <ContentPage xmlns="http://xamarin.com/schemas/2014/forms"</pre>
                                                                                     Code completion
              xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
                                                                                     Typing assistance
              xmlns:local="clr-namespace:XamlSamples;assembly=XamlSamples"
              x:Class="XamlSamples.HslColorScrollPage"
                                                                                     Navigation
              Title="HSL Color Scroll Page">
                                                                                     Find usages
   <ContentPage.BindingContext>
                                                                                     Extract resource
     <local:HslViewModel Color="#00FF0B" />
     Colour picker
Pick color from palette
                  sources>
                  s x:Key="VerticalOptions">FillAndExpand</LayoutOptions>
To nested element
                  esources>
Remove attribute
Expand empty tag
                  dding="10, 0">
     <BoxView Color="{Binding Color}" VerticalOptions="{StaticResource VerticalOptions}" />
     <Label Text="{Binding Hue, StringFormat='Hue = {0:F2}'}" HorizontalOptions="Center" />
     <Slider Value="{Binding Hue, Mode=TwoWay}" />
                                                                                          Replace 3 occurrences
     <Label Text="{Binding Saturation, StringFormat='Saturation = {0:F2}'}" Horizonta</pre>
                                                                                          Replace one occurrence
     <Slider FormattedText
                              aturation, Mode=TwoWay}" />
            inosity, StringFormat='Luminosity = {0:F2}'}" HorizontalOptions="Center" />
     <Slider Text
                              uminosity, Mode=TwoWay}" />
   </StackLa TextColor
                              Property Xamarin.Forms.Color Xamarin.Forms.Label.TextColor
 </ContentPa
                              Gets or sets the Color for the text of this Label. This is a bindable property.
             TranslationX
            TranslationY
```

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



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