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JetBrains tools in practice

— Agenda

1. Rider
2. WebStorm
3. Datagrip
4. Resharper
5. Respeller
6. Code coverage (dotCover)
7. Links
8. Q&A



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Rider

.NET IDE



What is Rider?

JetBrains Rider is a cross-platform .NET IDE based on the IntelliJ platform and ReSharper.

It is easy to replace your VisualStudio with Rider



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WebStorm

The smartest JavaScript IDE



The smartest editor

Use the full power of the modern JavaScript ecosystem – WebStorm’s got you covered! Enjoy the intelligent code completion, on-the-fly error detection, powerful navigation and refactoring for JavaScript, TypeScript, stylesheet languages, and all the most popular frameworks.



Support

Web

- Angular
- React
- Vue.js

Mobile

- Ionic
- Cordova
- React Native

Server

- Node.js
- Meteor

Desktop

- Electron



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Datagrip

Many databases, one tool

Support



PostgreSQL

SQL Server

SQLite

Sybase

MariaDB

Cassandra

Apache Hive

MySQL

Azure

DB2

Exasol

HyperSQL

Vertica

Snowflake

Oracle Database

Amazon Redshift

H2

Apache Derby

ClickHouse

Greenplum



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Resharper

The Visual Studio Extension for .NET

Developers



Analyze code quality

On-the-fly code quality analysis is available in C#, VB.NET, XAML, ASP.NET, ASP.NET MVC, JavaScript, TypeScript, CSS, HTML, and XML. You'll know right away if your code needs to be improved.



Eliminate errors and code smells

Not only does ReSharper warn you when there's a problem in your code but it provides hundreds of quick-fixes to solve problems automatically. In almost every case, you can select the best quick-fix from a variety of options.



Safely change the code base

Automated solution-wide code refactorings help you safely change your code base. Whether you need to revitalize legacy code or put your project structure in order, you can rely on ReSharper.



Instantly traverse the entire solution

You can instantly navigate and search through the whole solution. Jump to any file, type, or type member, or navigate from a specific symbol to its usages, base and derived symbols, or implementations.



Enjoy code editing helpers

Multiple code editing helpers including extended IntelliSense, hundreds of instant code transformations, auto-importing namespaces, rearranging code, and displaying documentation.



Comply with coding standards

Code style and formatting functionality with fine-tuned, language-specific settings will help you get rid of unused code and create a common coding standard for your team.



Resharper plugin

Respeller – resharper plugin

Spell Checker for ReSharper based on NHunspell library. Dictionaries taken from IntelliJ IDEA Community Edition repository.

<https://github.com/woorm/dictionaries>





The .NET Unit Test Runner and Code

Coverage Tool

ANALYZE .NET CODE COVERAGE

JetBrains dotCover is a .NET unit test runner and code coverage tool that integrates with Visual Studio and JetBrains Rider.

Make sure you know to what extent your code is covered with unit tests. dotCover calculates and reports statement-level code coverage in applications targeting .NET Framework, .NET Core, or Mono.



Results

JetBrain provides a huge amount of tools to help programmers.

Results



Links

- <https://www.jetbrains.com/idea/>
- <https://www.jetbrains.com/webstorm/>
- <https://www.jetbrains.com/datagrip/>
- <https://www.jetbrains.com/resharper/>
- <https://github.com/woorm/dictionaries>
- <https://plugins.jetbrains.com/plugin/11620-respeller-free/>
- <https://www.jetbrains.com/dotcover/>

— Questions?





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Thank you