# Visual Studio 2015 keyboard shortcuts

The complete list

Visual Studio 2012 2013 2015 2017

# **Analyze**

**Navigate Backward** 

→ Shift+Alt+3

**Navigate Forward** 

→ Shift+Alt+4

## **Architecture**

**New Code Map** 

→ Ctrl+\, Ctrl+O

**New UMLor Layer Diagram** 

# **Architecture Context Menus**

### Add Node

→ Ins

# **Both Dependencies**

 $\rightarrow$  B

# **Incoming Dependencies**

 $\rightarrow$  T

# **Outgoing Dependencies**

 $\rightarrow$  0

#### **New Comment**

- → Ctrl+Shift+K
- → Ctrl+E, C

#### Remove

→ Del

#### Rename

→ F2

# **Build**

### **Build Solution**

→ Ctrl+Shift+B

#### **Cancel**

→ Ctrl+Break

## Compile

→ Ctrl+F7

# **Run Code Analysison** Solution

→ Alt+F11

# **Class Diagram**

# Collapse

→ Num -

# **Expand**

→ Num +

## **Class View Context Menus**

## **Properties**

→ Alt+Enter

### Misc

#### **Commit All Edits**

→ Shift+Alt+U

# Move Left Edgetotheleft

→ Ctrl+Shift+,

## Move Left Edgetotheright

→ Ctrl+Shift+.

# Move Right Edgetotheleft

→ Ctrl+Shift+Alt+,

# Move Right Edgetotheright

→ Ctrl+Shift+Alt+.

# TSql Editor Clone Query

→ Ctrl+Alt+N

# TSql Editor Database Combo

→ Shift+Alt+PgDn

# View File In Script Panel

→ Shift+Alt+PgDn

# Debug

# **Apply Code Changes**

→ Alt+F10

#### **Attachto Process**

→ Ctrl+Alt+P

#### Autos

→ Ctrl+Alt+V, A

### **Break All**

→ Ctrl+Alt+Break

#### **Breakat Function**

→ Ctrl+B

# **Breakpoints**

→ Ctrl+Alt+B

### Call Stack

→ Ctrl+Alt+C

# **Debug Windows Phone Internet Explorer**

→ Ctrl+Shift+P

# **Delete All Breakpoints**

→ Ctrl+Shift+F9

### Launch

→ Alt+F2

# **Stop Collection**

→ Ctrl+Alt+F2

# **Disassembly**

→ Ctrl+Alt+D

# **Enable Breakpoint**

→ Ctrl+F9

## **Exceptions**

→ Ctrl+Alt+E

# Go To Previous Callor Intelli Trace Event

→ Ctrl+Shift+F11

# Start Diagnostics

→ Alt+F5

### **Immediate**

→ Ctrl+Alt+I

### Intelli Trace Calls

→ Ctrl+Alt+Y, T

### Intelli Trace Events

→ Ctrl+Alt+Y, F

# Java Script Console

→ Ctrl+Alt+V, C

#### Locals

→ Ctrl+Alt+V, L

### **Process Combo**

→ Ctrl+5

#### Stack Frame Combo

→ Ctrl+7

### **Thread Combo**

→ Ctrl+6

# **Toggle Current Thread Flagged State**

→ Ctrl+8

# Toggle Flagged Threads

→ Ctrl+9

## Memory1

→ Ctrl+Alt+M, 1

## Memory2

→ Ctrl+Alt+M, 2

# Memory3

→ Ctrl+Alt+M, 3

## Memory4

→ Ctrl+Alt+M, 4

### Modules

→ Ctrl+Alt+U

### Parallel Stacks

→ Ctrl+Shift+D, S

### Parallel Watch1

→ Ctrl+Shift+D, 1

### Parallel Watch2

→ Ctrl+Shift+D, 2

### Parallel Watch3

→ Ctrl+Shift+D, 3

#### Parallel Watch4

→ Ctrl+Shift+D, 4

#### Show

→ Ctrl+Shift+D, D

#### **Processes**

→ Ctrl+Alt+Z

# Quick Watch

- → Shift+F9
- → Ctrl+Alt+Q

#### Refresh

→ F5

## Refresh Windowsapp

→ Ctrl+Shift+R

# Registers

→ Ctrl+Alt+G

#### Restart

→ Ctrl+Shift+F5

#### Run To Cursor

→ Ctrl+F10

#### Select Element

→ Ctrl+B

#### Set Next Statement

→ Ctrl+Shift+F10

#### Show All

→ Ctrl+Alt+V, D

# **Show Call Stackon Code Map**

→ Ctrl+Shift+`

## **Show Layout**

→ Ctrl+Shift+I

#### **Show Next Statement**

→ Alt+Num \*

#### Start

→ F5

# Start Windows Phone **Application Analysis**

 $\rightarrow$  Alt+F1

# Start Without Debugging

→ Ctrl+F5

## Step Into

→ F11

## **Step Into Current Process**

→ Ctrl+Alt+F11

# **Step Into Specific**

→ Shift+Alt+F11

# Step Out

→ Shift+F11

## **Step Out Current Process**

→ Ctrl+Shift+Alt+F11

## Step Over

 $\rightarrow$  F10

## **Step Over Current Process**

→ Ctrl+Alt+F10

# Stop Debugging

→ Shift+F5

# **Stop Performance Analysis**

→ Shift+Alt+F2

#### **Tasks**

→ Ctrl+Shift+D, K

### **Threads**

→ Ctrl+Alt+H

# **Toggle Breakpoint**

→ F9

# **Toggle Disassembly**

→ Ctrl+F11

#### Watch1

→ Ctrl+Alt+W, 1

### Watch2

→ Ctrl+Alt+W, 2

#### Watch3

→ Ctrl+Alt+W, 3

#### Watch4

→ Ctrl+Alt+W, 4

# **Debugger Context Menus**

### Delete

→ Alt+F9, D

# Go To Disassembly

→ Alt+F9, A

### Go To Source Code

→ Alt+F9, S

# Design

### Fit All

→ Ctrl+0

# Refresh Page

→ Ctrl+R

### Search CSSPI

→ Ctrl+Shift+;

### **Show Handles**

→ F9

## Toggle Interactive Mode

→ Ctrl+Alt+I

#### Zoom In

→ Ctrl+Alt+=

#### Zoom Out

→ Ctrl+Alt+-

# Diff

# **Ignore Trim Whitespace**

→ Ctrl+\, Ctrl+Space

### Inline View

→ Ctrl+\, Ctrl+1

# Left Only View

→ Ctrl+\, Ctrl+3

### **Next Difference**

→ F8

### **Previous Difference**

→ Shift+F8

# Right Only View

→ Ctrl+\, Ctrl+4

# Side By Side View

→ Ctrl+\, Ctrl+2

# Switch Between Left And Right

→ Ctrl+\, Ctrl+Tab

# Synchronize View Toggle

→ Ctrl+\, Ctrl+Down Arrow

### **Edit**

#### **Break Line**

→ Enter

#### Char Left

→ Left Arrow

### Char Left Extend

→ Shift+Left Arrow

#### Char Left Extend Column

→ Shift+Alt+Left Arrow

## Char Right

→ Right Arrow

# **Char Right Extend**

→ Shift+Right Arrow

## Char Right Extend Column

→ Shift+Alt+Right Arrow

# **Char Transpose**

→ Ctrl+T

#### Clear All

→ Ctrl+Alt+C

### Clear Bookmarks

→ Ctrl+K, Ctrl+L

# **Collapse All Outlining**

→ Ctrl+M, Ctrl+A

# **Collapse Current Region**

→ Ctrl+M, Ctrl+S

# Collapse Tag

→ Ctrl+M, Ctrl+T

# **Collapseto Definitions**

→ Ctrl+M, Ctrl+O

### **Comment Selection**

→ Ctrl+K, Ctrl+C

## Complete Word

- → Ctrl+Space
- → Alt+Right Arrow
- → Ctrl+K, W
- → Ctrl+K, Ctrl+W

# Copy

- → Ctrl+C
- → Ctrl+Ins

# **Copy Parameter Tip**

→ Ctrl+Shift+Alt+C

# Create Copyof Work Item

→ Shift+Alt+C

#### Cut

- → Ctrl+X
- → Shift+Del

# Cycle Clipboard Ring

- → Ctrl+Shift+V
- → Ctrl+Shift+Ins

### Decrease Filter Level

→ Alt+,

#### Delete

- → Del
- → Ctrl+Del
- → Shift+Del

#### Delete Backwards

- → Bkspce
- → Shift+Bkspce

### Delete From Model

→ Shift+Del

### Delete Horizontal White

# **Space**

→ Ctrl+K, Ctrl+\

#### **Document End**

- → Ctrl+End
- → End

#### **Document End Extend**

- → Ctrl+Shift+End
- → Shift+End

#### **Document Start**

- → Ctrl+Home
- → Home

### **Document Start Extend**

- → Ctrl+Shift+Home
- → Shift+Home

### Edit Cell

→ F2

# **Expand All Outlining**

→ Ctrl+M, Ctrl+X

# **Expand Collapse Base Type**

### List

→ Shift+Alt+B

# **Expand Current Region**

→ Ctrl+M, Ctrl+E

### Find

→ Ctrl+F

## Find All References

→ Shift+F12

#### Findin Files

→ Ctrl+Shift+F

### Find Next

→ F3

### Find Next Selected

→ Ctrl+F3

### **Find Previous**

→ Shift+F3

### **Find Previous Selected**

→ Ctrl+Shift+F3

#### Format Document

→ Ctrl+K, Ctrl+D

### Format Selection

→ Ctrl+K, Ctrl+F

#### Go To

→ Ctrl+G

#### **Goto Brace**

→ Ctrl+]

### **Goto Brace Extend**

→ Ctrl+Shift+]

### Go To Declaration

→ Ctrl+F12

### Go To Definition

→ F12

#### Go To Find Combo

→ Ctrl+D

### Go To Next Location

→ F8

#### Go To Prev Location

→ Shift+F8

### **Hide Selection**

→ Ctrl+M, Ctrl+H

### **Increase Filter Level**

→ Alt+.

#### **Incremental Search**

→ Ctrl+I

#### Indent

→ Shift+Alt+Right Arrow

## **Insert Snippet**

→ Ctrl+K, Ctrl+X

#### **Insert Tab**

→ Tab

### Line Cut

→ Ctrl+L

#### Line Delete

→ Ctrl+Shift+L

#### Line Down

→ Down Arrow

#### **Line Down Extend**

- → Shift+Down Arrow
- → Shift+Up Arrow

### Line Down Extend Column

→ Shift+Alt+Down Arrow

### Line End

→ End

#### **Line End Extend**

→ Shift+End

### Line End Extend Column

→ Shift+Alt+End

## **Line Open Above**

→ Ctrl+Enter

## Line Open Below

→ Ctrl+Shift+Enter

#### **Line Start**

→ Home

#### **Line Start Extend**

→ Shift+Home

#### **Line Start Extend Column**

→ Shift+Alt+Home

# **Line Transpose**

→ Shift+Alt+T

# Line Up

→ Up Arrow

# **Line Up Extend**

- → Shift+Up Arrow
- → Shift+Down Arrow

# **Line Up Extend Column**

→ Shift+Alt+Up Arrow

#### List Members

- → Ctrl+J
- → Ctrl+K, L
- → Ctrl+K, Ctrl+L

#### Make Lowercase

→ Ctrl+U

# Make Uppercase

→ Ctrl+Shift+U

### Move Control Down

- → Ctrl+Down Arrow
- → Down Arrow

### Move Control Down Grid

→ Down Arrow

#### Move Control Left

- → Ctrl+Left Arrow
- → Left Arrow

#### Move Control Left Grid

→ Left Arrow

# Move Control Right

- → Ctrl+Right Arrow
- → Right Arrow

# Move Control Right Grid

→ Right Arrow

# Move Control Up

- → Ctrl+Up Arrow
- → Up Arrow

## Move Control Up Grid

→ Up Arrow

### Move Selected Lines Down

→ Alt+Down Arrow

# **Move Selected Lines Up**

→ Alt+Up Arrow

## **Navigate To**

→ Ctrl+,

## Navigate To Lollipop

→ Shift+Alt+L

#### **New Accelerator**

→ Ins

## **New String**

→ Ins

#### **Next Bookmark**

→ Ctrl+K, Ctrl+N

### Next Bookmark In Folder

→ Ctrl+Shift+K, Ctrl+Shift+N

## Next Highlighted Reference

→ Ctrl+Shift+Down Arrow

# **Next Key Typed**

→ Ctrl+W

# Open File

→ Ctrl+Shift+G

#### **Outdent**

→ Shift+Alt+Left Arrow

## Overtype Mode

→ Ins

## Page Down

→ PgDn

## Page Down Extend

→ Shift+PgDn

## Page Up

→ PgUp

# Page Up Extend

→ Shift+PgUp

### Parameter Info

- → Ctrl+Shift+Space
- → Ctrl+K, P

→ Ctrl+K, Ctrl+P

#### **Paste**

- → Ctrl+V
- → Shift+Ins

## Paste Parameter Tip

→ Ctrl+Shift+Alt+P

#### Peek Backward

→ Ctrl+Alt+-

#### **Peek Definition**

→ Alt+F12

#### **Peek Forward**

→ Ctrl+Alt+=

### **Previous Bookmark**

→ Ctrl+K, Ctrl+P

# Previous Bookmark In Folder

→ Ctrl+Shift+K, Ctrl+Shift+P

# **Previous Highlighted**

### Reference

→ Ctrl+Shift+Up Arrow

# **Quick Find Symbol**

→ Shift+Alt+F12

# Quick Info

- → Ctrl+K, Ctrl+I
- → Ctrl+K, I

#### Redo

- → Ctrl+Y
- → Ctrl+Shift+Z
- → Shift+Alt+Bkspce

### Refresh Remote References

→ Ctrl+Shift+J

#### Refresh Work Item

→ F5

#### Remove

→ Del

# Removefrom Diagram

→ Del

#### Remove Row

→ Ctrl+Del

# Replace

→ Ctrl+H

# Replacein Files

→ Ctrl+Shift+H

### Reverse Incremental Search

→ Ctrl+Shift+I

#### Scroll Column Left

→ Ctrl+Left Arrow

# Scroll Column Right

→ Ctrl+Right Arrow

### Scroll Line Down

→ Ctrl+Down Arrow

# Scroll Line Up

→ Ctrl+Up Arrow

#### Select All

→ Ctrl+A

### Select Current Word

→ Ctrl+W

### **Selection Cancel**

→ Esc

#### Select Next Control

→ Tab

### Select Previous Control

→ Shift+Tab

### Select To Last Go Back

→ Ctrl+=

### **Show Code Lens Menu**

→ Alt+`

### Show Tile Grid

→ Enter

#### Size Control Down

- → Ctrl+Shift+Down Arrow
- → Shift+Down Arrow

### Size Control Down Grid

→ Shift+Down Arrow

#### Size Control Left

- → Ctrl+Shift+Left Arrow
- → Shift+Left Arrow

### Size Control Left Grid

→ Shift+Left Arrow

## Size Control Right

- → Ctrl+Shift+Right Arrow
- → Shift+Right Arrow

# Size Control Right Grid

→ Shift+Right Arrow

# Size Control Up

- → Ctrl+Shift+Up Arrow
- → Shift+Up Arrow

# Size Control Up Grid

→ Shift+Up Arrow

### **Smart Break Line**

→ Shift+Enter

# **Stop Hiding Current**

→ Ctrl+M, Ctrl+U

# Stop Outlining

→ Ctrl+M, Ctrl+P

# Stop Search

→ Alt+F3, S

#### Surround With

→ Ctrl+K, Ctrl+S

## Swap Anchor

→ Ctrl+K, Ctrl+A

#### Tab Left

→ Shift+Tab

# Toggle All Outlining

→ Ctrl+M, Ctrl+L

# Toggle Bookmark

→ Ctrl+K, Ctrl+K

## **Toggle Completion Mode**

→ Ctrl+Alt+Space

# **Toggle Outlining Expansion**

→ Ctrl+M, Ctrl+M

# Toggle Task List Shortcut

→ Ctrl+K, Ctrl+H

# Toggle Word Wrap

→ Ctrl+E, Ctrl+W

### **Uncomment Selection**

→ Ctrl+K, Ctrl+U

#### Undo

- → Ctrl+Z
- → Alt+Bkspce

#### **View Bottom**

→ Ctrl+PgDn

### **View Bottom Extend**

→ Ctrl+Shift+PgDn

# View Top

→ Ctrl+PgUp

## **View Top Extend**

→ Ctrl+Shift+PgUp

## **View White Space**

→ Ctrl+R, Ctrl+W

### Word Delete To End

→ Ctrl+Del

### Word Delete To Start

→ Ctrl+Bkspce

### Word Next

→ Ctrl+Right Arrow

#### Word Next Extend

→ Ctrl+Shift+Right Arrow

#### Word Next Extend Column

→ Ctrl+Shift+Alt+Right Arrow

#### **Word Previous**

→ Ctrl+Left Arrow

### **Word Previous Extend**

→ Ctrl+Shift+Left Arrow

# **Word Previous Extend** Column

→ Ctrl+Shift+Alt+Left Arrow

### **Word Transpose**

→ Ctrl+Shift+T

# **Editor Context Menus**

#### Add Comment

→ Ctrl+Shift+K

# **Breakpoint Editlabels**

→ Alt+F9, L

# **Breakpoint Settings**

→ Alt+F9, C

#### Show Item

→ Ctrl+`

### Edit Local File

→ Ctrl+Shift+P

#### Execute

→ Ctrl+Alt+F5

#### **Execute In Interactive**

→ Alt+Enter

## **Execute Line In Interactive**

→ Alt+'

### Go To View

→ Ctrl+M, Ctrl+G

## Toggle Header Code File

→ Ctrl+K, Ctrl+O

## View Call Hierarchy

- → Ctrl+K, Ctrl+T
- → Ctrl+K, T

## File

### **Exit**

→ Alt+F4

### New File

→ Ctrl+N

## **New Project**

→ Ctrl+Shift+N

### New Web Site

→ Shift+Alt+N

# Open File

→ Ctrl+0

# Open Project

→ Ctrl+Shift+0

## Open Web Site

→ Shift+Alt+0

### **Print**

→ Ctrl+P

#### Rename

→ F2

### Save All

→ Ctrl+Shift+S

### Save Selected Items

→ Ctrl+S

### **Viewin Browser**

→ Ctrl+Shift+W

## **Format**

## **Align Bottoms**

→ Ctrl+Shift+Down Arrow

## **Align Centers**

→ Shift+F9

### **Align Lefts**

→ Ctrl+Shift+Left Arrow

## **Align Middles**

→ F9

### **Align Rights**

→ Ctrl+Shift+Right Arrow

## **Align Tops**

→ Ctrl+Shift+Up Arrow

### Bold

→ Ctrl+B

### **Button Bottom**

→ Ctrl+B

## **Button Right**

→ Ctrl+R

### Center Horizontal

→ Ctrl+Shift+F9

### Center Vertical

→ Ctrl+F9

### **Check Mnemonics**

→ Ctrl+M

## **Convertto Hyperlink**

→ Ctrl+L

### **Edit Text**

→ F2

### **Insert Bookmark**

→ Ctrl+Shift+L

### Italic

→ Ctrl+I

#### Reset All

→ Ctrl+Shift+R

### Sizeto Content

→ Shift+F7

### **Space Across**

→ Alt+Right Arrow

→ Alt+Left Arrow

## Space Down

- → Alt+Up Arrow
- → Alt+Down Arrow

### Tab Order

→ Ctrl+D

### Test Dialog

→ Ctrl+T

### Toggle Guides

→ Ctrl+G

### Underline

→ Ctrl+U

# **Graph View**

### **Bottomto Top**

→ Alt+Up Arrow

## Leftto Right

→ Alt+Right Arrow

## Rightto Left

→ Alt+Left Arrow

## **Topto Bottom**

→ Alt+Down Arrow

# Help

## Addand Remove Help Content

→ Ctrl+Alt+F1

## F1 Help

→ F1

## View Help

→ Ctrl+F1

## Window Help

→ Shift+F1

# **Image**

### Airbrush Tool

→ Ctrl+A

### **Brush Tool**

→ Ctrl+B

## **Copyand Outline Selection**

→ Ctrl+Shift+U

### Draw Opaque

→ Ctrl+J

## **Ellipse Tool**

→ Alt+P

### **Erase Tool**

→ Ctrl+Shift+I

## Filled Ellipse Tool

→ Ctrl+Shift+Alt+P

## Filled Rectangle Tool

→ Ctrl+Shift+Alt+R

### Filled Rounded Rectangle Tool

→ Ctrl+Shift+Alt+W

### Fill Tool

→ Ctrl+F

# Flip Horizontal

→ Ctrl+H

## Flip Vertical

→ Shift+Alt+H

## Larger Brush

→ Ctrl+=

### Line Tool

→ Ctrl+L

## **Magnification Tool**

→ Ctrl+M

## Magnify

→ Ctrl+Shift+M

### **New Image Type**

→ Ins

### Next Color

- → Ctrl+]
- → Ctrl+Right Arrow

# **Next Right Color**

- → Ctrl+Shift+]
- → Ctrl+Shift+Right Arrow

## **Outlined Ellipse Tool**

→ Shift+Alt+P

## **Outlined Rectangle Tool**

→ Shift+Alt+R

## **Outlined Rounded Rectangle** Tool

→ Shift+Alt+W

### Pencil Tool

→ Ctrl+I

### **Previous Color**

- → Ctrl+[
- → Ctrl+Left Arrow

### **Previous Right Color**

- → Ctrl+Shift+[
- → Ctrl+Shift+Left Arrow

## **Rectangle Selection Tool**

→ Shift+Alt+S

# **Rectangle Tool**

→ Alt+R

### Rotate90 Degrees

→ Ctrl+Shift+H

## **Rounded Rectangle Tool**

→ Alt+W

### Show Grid

→ Ctrl+Alt+S

### Show Tile Grid

→ Ctrl+Shift+Alt+S

### Small Brush

→ Ctrl+.

### Smaller Brush

→ Ctrl+-

### Text Tool

→ Ctrl+T

### **Use Selectionas Brush**

→ Ctrl+U

### Zoom In

- → Ctrl+Shift+.
- → Ctrl+Up Arrow

#### Zoom Out

- → Ctrl+Shift+,
- → Ctrl+Down Arrow

### **Load Test**

### **Jump To Counter Pane**

→ Ctrl+R, Q

### **Microsoft Azure**

# Retry Mobile Service **Script Operation**

→ Ctrl+Num \*, Ctrl+R

**Show Mobile Service Script Error Details** 

→ Ctrl+Num \*, Ctrl+D

### Other Context Menus

### Refresh Linked Browsers

→ Ctrl+Alt+Enter

### **Insert Column**

→ Tns

#### Column

→ Ctrl+L

## **Cancel Interactive Evaluation**

→ Ctrl+Break

### **Reset Interactive Session**

→ Ctrl+Alt+R

### **Removefrom Workspace**

→ Del

### Go To Controller

→ Ctrl+M, Ctrl+G

### **Reload Schemas**

→ Ctrl+Shift+J

## Add New Diagram

→ Ins

#### Down

→ Alt+Down Arrow

#### Down5

→ Alt+PgDn

### To Bottom

→ Alt+End

### To Top

→ Alt+Home

### Up

→ Alt+Up Arrow

### Up5

→ Alt+PgUp

#### Rename

→ Ctrl+R, R

## **Removefrom Diagram**

→ Shift+Del

### **Hide Methods Pane**

→ Ctrl+1

## Copy Referenceto Clipboard

→ Ctrl+C

## **Insert Delay Before**

→ Ctrl+Alt+D

### Locate All

→ Shift+Alt+L

### Locatethe UIControl

→ Ctrl+Shift+L

#### Movecode

→ Ctrl+Alt+C

### **Splitintoanewmethod**

→ Ctrl+Shift+T

# **Project**

## **Add Content Page**

→ Ctrl+M, Ctrl+C

## Add Existing Item

→ Shift+Alt+A

### Add New Item

→ Ctrl+Shift+A

### Class Wizard

→ Ctrl+Shift+X

### **Override**

→ Ctrl+Alt+Ins

## **Previewchanges**

→ Alt+;, Alt+C

### **Publishselectedfiles**

→ Alt+;, Alt+P

## Replaceselectedfilesfromser

→ Alt+;, Alt+R

# **Projectand Solution Context Menus**

### Move Down

→ Alt+Down Arrow

## Move Up

→ Alt+Up Arrow

# **Query Designer**

## **Cancel Retrieving Data**

→ Ctrl+T

### Criteria

→ Ctrl+2

### Diagram

→ Ctrl+1

## **Execute SQL**

→ Ctrl+R

### **Goto Row**

→ Ctrl+G

### Join Mode

→ Ctrl+Shift+J

### Results

→ Ctrl+4

## SQL

→ Ctrl+3

## Refactor

## **Encapsulate Field**

→ Ctrl+R, Ctrl+E

### **Extract Interface**

→ Ctrl+R, Ctrl+I

#### **Extract Method**

→ Ctrl+R, Ctrl+M

### **Remove Parameters**

→ Ctrl+R, Ctrl+V

#### Rename

→ Ctrl+R, Ctrl+R

### Reorder Parameters

→ Ctrl+R, Ctrl+0

## Resources

### **Audio**

→ Ctrl+4

### **Files**

→ Ctrl+5

#### Icons

→ Ctrl+3

### **Images**

→ Ctrl+2

### **Other**

→ Ctrl+6

# **Strings**

→ Ctrl+1

# **Solution Explorer**

# **Open Files Filter**

- → Ctrl+[, 0
- → Ctrl+[, Ctrl+0

## **Pending Changes Filter**

- → Ctrl+[, P
- → Ctrl+[, Ctrl+P

## Sync With Active Document

- → Ctrl+[, S
- → Ctrl+[, Ctrl+S

## SQL

## **Execute With Debugger**

→ Alt+F5

## **Expand Wildcards**

- → Ctrl+R, E
- → Ctrl+R, Ctrl+E

### Fullyqualify Names

→ Ctrl+R, Q

→ Ctrl+R, Ctrl+Q

### **Moveto Schema**

- → Ctrl+R, M
- → Ctrl+R, Ctrl+M

### Query Results New Row

→ Alt+End

## Query Results Refresh

→ Shift+Alt+R

## **Query Results Stop**

→ Alt+Break

#### Rename

- → Ctrl+R, R
- → F2
- → Ctrl+R, Ctrl+R

## SSDTSchema Compare Compare

→ Shift+Alt+C

# SSDTSchema Compare **Generate Script**

→ Shift+Alt+G

# SSDTSchema Compare Next Change

→ Shift+Alt+.

# SSDTSchema Compare **Previous Change**

→ Shift+Alt+,

## SSDTSchema Compare Stop

→ Alt+Break

# SSDTSchema Compare Write **Updates**

→ Shift+Alt+U

# TSql Editor Cancel Query

→ Alt+Break

# TSql Editor Execute Query

→ Ctrl+Shift+E

## TSql Editor Results As File

→ Ctrl+D, F

## TSql Editor Results As

Grid

→ Ctrl+D, G

TSql Editor Results As Text

→ Ctrl+D, T

TSql Editor Show Estimated Plan

→ Ctrl+D, E

TSql Editor Toggle **Execution Plan** 

→ Ctrl+D, A

TSql Editor Toggle Results **Pane** 

→ Ctrl+D, R

## **Table**

Columntothe Left

→ Ctrl+Alt+Left Arrow

## **Columntothe Right**

→ Ctrl+Alt+Right Arrow

### **Row Above**

→ Ctrl+Alt+Up Arrow

### Row Below

→ Ctrl+Alt+Down Arrow

### **Team**

# Go To Git Active Repositories

- → Ctrl+0, Ctrl+E
- → Ctrl+0, E

## **Go To Git Changes**

- → Ctrl+0, Ctrl+G
- → Ctrl+0, G

## **Go To Git Synchronization**

- → Ctrl+0, Ctrl+Y
- → Ctrl+0, Y

### Goto Next Work Item

→ Shift+Alt+N

### **Goto Previous Work Item**

→ Shift+Alt+P

### New Linked Work Item

→ Shift+Alt+L

### Refresh

→ F5

## Team Explorer Search

→ Ctrl+'

# **Team Foundation Context** Menus

# Tfs Annotate Move Next Region

→ Alt+PgDn

# Tfs Annotate Move Previous Region

→ Alt+PqUp

### Go To Builds

- → Ctrl+0, Ctrl+B
- → Ctrl+0, B

#### Go To Connect

- → Ctrl+0, Ctrl+C
- → Ctrl+0, C

### Go To Documents

- → Ctrl+0, Ctrl+D
- → Ctrl+0, D

### Go To Home

- → Ctrl+0, Ctrl+H
- → Ctrl+0, H

### Go To My Work

- → Ctrl+0, Ctrl+M
- → Ctrl+0, M

## **Go To Pending Changes**

- → Ctrl+0, Ctrl+P
- → Ctrl+0, P

## Go To Reports

- → Ctrl+0, Ctrl+R
- → Ctrl+0, R

### **Go To Settings**

- → Ctrl+0, Ctrl+S
- → Ctrl+0, S

# Go To Team Explorer **Navigation**

→ Alt+Home

## Go To Team Explorer Next **Section Content**

→ Alt+Down Arrow

## Go To Team Explorer Page Content

→ Alt+0

## Go To Team Explorer **Previous Section Content**

→ Alt+Up Arrow

## Go To Team Explorer Section1 Content

→ Alt+1

Go To Team Explorer **Section2 Content** 

→ Alt+2

Go To Team Explorer **Section3 Content** 

→ Alt+3

Go To Team Explorer **Section4 Content** 

→ Alt+4

Go To Team Explorer Section5 Content

→ Alt+5

Go To Team Explorer **Section6 Content** 

→ Alt+6

Go To Team Explorer **Section7 Content** 

 $\rightarrow$  Alt+7

## Go To Team Explorer **Section8 Content**

→ Alt+8

## Go To Team Explorer **Section9 Content**

→ Alt+9

### Go To Web Access

- → Ctrl+0, Ctrl+A
- → Ctrl+0, A

### Go To Work Items

- → Ctrl+0, Ctrl+W
- → Ctrl+0, W

## Team Explorer Navigate Backward

→ Alt+Left Arrow

### Team Explorer Navigate Forward

→ Alt+Right Arrow

### Set Focuson Left Window

→ Alt+1

Set Focuson Result Window

→ Alt+2

Set Focuson Right Window

→ Alt+3

Tfs Context My Work Page Create Copy WI

→ Shift+Alt+C

Tfs Context My Work Page New Linked WI

→ Shift+Alt+L

## **Test**

Use Coded UITest Builder

→ Ctrl+\, Ctrl+C

**Use Existing Action** Recording

→ Ctrl+\, Ctrl+A

# **Test Explorer**

## **Debug All Tests**

→ Ctrl+R, Ctrl+A

# Debug All Tests In Context

→ Ctrl+R, Ctrl+T

## **Open Test**

→ F12

### Repeat Last Run

→ Ctrl+R, L

### Run All Tests

→ Ctrl+R, A

### Run All Tests In Context

→ Ctrl+R, T

## **Tools**

## **Code Snippets Manager**

→ Ctrl+K, Ctrl+B

#### Force GC

→ Ctrl+Shift+Alt+F12, Ctrl+Shift+Alt+F12

### Go To Command Line

→ Ctrl+/

### View

### All Windows

→ Shift+Alt+M

### **NETNonvisual Controls**

→ Ctrl+Shift+N

#### Backward

→ Alt+Left Arrow

### **Bookmark Window**

→ Ctrl+K, Ctrl+W

#### **Browse Next**

→ Ctrl+Shift+1

### **Browse Previous**

→ Ctrl+Shift+2

# Call Hierarchy

→ Ctrl+Alt+K

### Class View

→ Ctrl+Shift+C

## Class View Go To Search Combo

→ Ctrl+K, Ctrl+V

### **Code Definition Window**

- → Ctrl+\, D
- → Ctrl+\, Ctrl+D

### **Command Window**

→ Ctrl+Alt+A

#### **Data Sources**

→ Shift+Alt+D

### **Document Outline**

→ Ctrl+Alt+T

### **Edit Label**

→ F2

### **Edit Master**

→ Ctrl+M, Ctrl+M

## **Entity Data Model Browser**

→ Ctrl+1

## **Entity Data Model Mapping Details**

→ Ctrl+2

### **Error List**

- → Ctrl+\, E
- → Ctrl+\, Ctrl+E

#### F# Interactive

→ Ctrl+Alt+F

## Find Symbol Results

→ Ctrl+Alt+F12

#### **Forward**

→ Alt+Right Arrow

### Forward Browse Context

→ Ctrl+Shift+7

### Full Screen

→ Shift+Alt+Enter

## **Navigate Backward**

→ Ctrl+-

## **Navigate Forward**

→ Ctrl+Shift+-

### **Next Error**

→ Ctrl+Shift+F12

### **Next View**

→ Ctrl+PgDn

### **Notifications**

- → Ctrl+W, N
- → Ctrl+W, Ctrl+N

# **Object Browser**

→ Ctrl+Alt+J

## Object Browser Go To Search Combo

→ Ctrl+K, Ctrl+R

### Output

→ Ctrl+Alt+0

## **Pop Browse Context**

→ Ctrl+Shift+8

## **Properties Window**

→ F4

## **Property Pages**

→ Shift+F4

### **Quick Actions**

→ Ctrl+.

### Refresh

→ F5

### Resource View

→ Ctrl+Shift+E

# Server Explorer

→ Ctrl+Alt+S

## **Show Smart Tag**

- → Shift+Alt+F10
- → Ctrl+.

## **Solution Explorer**

→ Ctrl+Alt+L

# SQLServer Object Explorer

→ Ctrl+\, Ctrl+S

# Synchronize Views

→ Ctrl+Shift+Y

### Task List

- → Ctrl+\, T
- → Ctrl+\, Ctrl+T

## Tfs Team Explorer

→ Ctrl+\, Ctrl+M

### Toolbox

→ Ctrl+Alt+X

## UMLModel Explorer

→ Ctrl+\, Ctrl+U

### View Code

- → Enter
- → F7

## **View Designer**

→ Shift+F7

## **View Markup**

→ Shift+F7

### Web Browser

→ Ctrl+Alt+R

#### Zoom In

→ Ctrl+Shift+.

#### Zoom Out

→ Ctrl+Shift+,

### Window

### **Activate Document Window**

→ Esc

### **Activate Quick Launch**

→ Ctrl+Q

# **Activate Quick Launch Previous Category**

→ Ctrl+Shift+Q

**Activate Solution Explorer** Search

→ Ctrl+;

### **Activate Window Search**

→ Alt+`

### Add Tabto Selection

→ Ctrl+Shift+Alt+Space

## **Apply Window Layout1**

→ Ctrl+Alt+1

### **Apply Window Layout10**

→ Ctrl+Alt+0

## **Apply Window Layout2**

→ Ctrl+Alt+2

## **Apply Window Layout3**

→ Ctrl+Alt+3

### **Apply Window Layout4**

→ Ctrl+Alt+4

### **Apply Window Layout5**

→ Ctrl+Alt+5

## **Apply Window Layout6**

→ Ctrl+Alt+6

# **Apply Window Layout7**

→ Ctrl+Alt+7

## **Apply Window Layout8**

→ Ctrl+Alt+8

## **Apply Window Layout9**

→ Ctrl+Alt+9

### Close Document Window

→ Ctrl+F4

### **Close Tool Window**

→ Shift+Esc

## **Keep Tab Open**

→ Ctrl+Alt+Home

### **Moveto Navigation Bar**

→ Ctrl+F2

### **Next Document Window**

→ Ctrl+F6

### **Next Document Window Nav**

→ Ctrl+Tab

#### **Next Pane**

→ Alt+F6

## **Next Split Pane**

→ F6

#### **Next Tab**

- → Ctrl+Alt+PgDn
- → Ctrl+PgDn

## **Next Taband Addto** Selection

→ Ctrl+Shift+Alt+PgDn

### **Next Tool Window Nav**

→ Alt+F7

### **Previous Document Window**

→ Ctrl+Shift+F6

## **Previous Document Window** Nav

→ Ctrl+Shift+Tab

### **Previous Pane**

→ Shift+Alt+F6

### **Previous Split Pane**

→ Shift+F6

### **Previous Tab**

- → Ctrl+Alt+PgUp
- → Ctrl+PgUp

## **Previous Taband Addto** Selection

→ Ctrl+Shift+Alt+PgUp

### Previous Tool Window Nav

→ Shift+Alt+F7

### **Show Dock Menu**

→ Alt+-

### Show Ez MDIFile List

→ Ctrl+Alt+Down Arrow

## Toggle

→ Shift+Alt+V

# **Workflow Designer**

## Collapse

- → Ctrl+E, Ctrl+C
- → Ctrl+E, C

## Collapse All

- → Ctrl+E, Ctrl+Y
- → Ctrl+E, Y

### **Connect Nodes**

- → Ctrl+E, Ctrl+F
- → Ctrl+E, F

#### **Create Variable**

- → Ctrl+E, Ctrl+N
- → Ctrl+E, N

## **Expand All**

- → Ctrl+E, Ctrl+X
- → Ctrl+E, X

### **Expand In Place**

- → Ctrl+E, Ctrl+E
- → Ctrl+E, E

### Go To Parent

- → Ctrl+E, Ctrl+P
- → Ctrl+E, P

### **Move Focus**

- → Ctrl+E, Ctrl+M
- → Ctrl+E, M

## **Navigate Through Designer**

→ Ctrl+Alt+F6

### Restore

- → Ctrl+E, Ctrl+R
- → Ctrl+E, R

# **Show Hide Argument** Designer

- → Ctrl+E, Ctrl+A
- → Ctrl+E, A

## **Show Hide Imports Designer**

- → Ctrl+E, Ctrl+I
- → Ctrl+E, I

## Show Hide Overview Map

- → Ctrl+E, Ctrl+O
- → Ctrl+E, 0

### Show Hide Variable

# Designer

- → Ctrl+E, Ctrl+V
- → Ctrl+E, V

# **Toggle Selection**

- → Ctrl+E, Ctrl+S
- → Ctrl+E, S

#### Zoom In

→ Ctrl+Num +

### Zoom Out

→ Ctrl+Num -

## **XML**

## Start XSLTDebugging

→ Alt+F5

# Start XSLTWithout Debugging

→ Ctrl+Alt+F5

# **Xsd Designer**

**Show Content Model View** 

→ Ctrl+2

**Show Graph View** 

→ Ctrl+3

**Show Start View** 

→ Ctrl+1

712 shortcuts in total

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