

CodeRush Shortcuts

Clipboard

Feature	Shortcut	Context
Smart Copy	Ctrl+C or Ctrl+Insert	No selection, caret on token
Smart Cut	Ctrl+X or Shift+Delete	No selection, caret on token
Intelligent Paste	Ctrl+V or Shift+Insert	Editor has focus
Clipboard History	Ctrl+Shift+Insert	Editor has focus
Replace Word	Ctrl+Alt+V or Ctrl+B	Caret on token

Defining Selections

Feature	Shortcut	Context
Selection Increase	Num+ or Ctrl+W	Editor has focus
Selection Decrease	Num- or Ctrl+Shift+W	Editor has focus
Select CamelCase Left	Alt+Shift+Left	Editor has focus
Select CamelCase Right	Alt+Shift+Right	Editor has focus

Wrapping Selections

Feature	Shortcut	Context
Comment/Uncomment	/ or ' (VB)	Multi-line selection
Block begin/end	b or Shift+[Multi-line selection
try/catch	c	Multi-line selection
try/finally	f	Multi-line selection
try/catch/finally	t	Multi-line selection
lock/SyncLock	l	Multi-line selection
using	u	Multi-line selection
Convert to string	Shift+'	Multi-line selection
WaitCursor	w	Multi-line selection
Parens	Shift+0 or Shift+9	Any selection
Not Parens	Shift+1	Any selection
region	Ctrl+3	Multi-line selection
Invert Selection	Ctrl+Shift+I	Multi-line selection

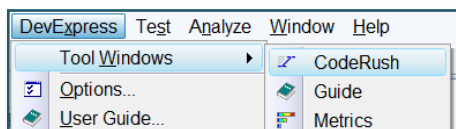
Code Generation

Feature	Shortcut	Context
Refactor/Declare	Ctrl+`	Editor has focus
Expand Template	Space	Caret after template
Auto-create region	Ctrl+3	Caret inside a member
Cycle Scope Up	Alt+Up	Caret inside a member
Cycle Scope Down	Alt+Down	Caret inside a member
Duplicate Line	Shift+Enter	Editor has focus
Declare variable based on type (C#)	Ctrl+A	Caret at right of type

Creating Types

Element	Template
Class	c
Interface	i
Struct	s
Enum	e
Abstract Class	a
Delegate	d
Exception	x
Test Fixture	t
Test Method	t
Create Constructor	cc

To create **members** and **variables**, use type mnemonics (see next page).



Dock the CodeRush training window to see more templates and shortcuts!

Navigation

Feature	Shortcut	Context
Highlight References	Ctrl+Alt+U	Caret on identifier
Show All References	Shift+F12	Caret on identifier
Tab to Next Reference	Tab	Caret inside identifier
Tab to Next XML Doc Field	Tab	Caret inside doc comment field
Quick Nav (Go to Symbol)	Ctrl+Shift+Q was Ctrl+ , until 3.2	Editor has focus
Quick File Nav	Ctrl+Alt+F	Available anywhere
Browse Recent Files	Ctrl+Shift+.	Available anywhere
Drop Marker	Alt+Home	Editor has focus
Collect Marker	Escape	Editor has focus, marker dropped
Collect Marker and Paste	Shift+Escape	Editor has focus, marker dropped
Swap Markers	Alt+Shift+Home	Editor has focus, marker dropped
Toggle Bookmark	Ctrl+Alt+{Number}	Editor has focus
Go to Bookmark	Alt+{Number}	Editor has focus
Go to Previous Bookmark	Ctrl+Alt+Left	Editor has focus
Go to Next Bookmark	Ctrl+Alt+Right	Editor has focus
Toggle Region	Space	Caret on Region keyword
Camel Case Nav Left	Alt+Left	Caret on CamelCase token
Camel Case Nav Right	Alt+Right	Caret on CamelCase token

Miscellaneous

Feature	Shortcut	Context
Options	Ctrl+Shift+O	Available anywhere
Step Into Member	Ctrl+Shift+F12	Debugging, caret on member reference
Toggle Structural Highlighting	Ctrl+Shift+Alt+H	Editor has focus

Want to change a shortcut?

It's easy. From the **DevExpress** menu, select **Options**, then navigate to the **IDE\Shortcuts** page.

CodeRush Templates

Enter the templates listed here in the editor and expand with the **spacebar**. The CodeRush **User Guide** shows how to create your own templates.

Flow

Element	Template
For loops	fr
For Each	fe
While loop	w
Do While	dw
Switch	sw
Select	se
Throw new exception	tne
Using statement	u
Block begin/end	b

If/else

Element	Template
If statement	if
If not ...	ifn
Else	l
Else If ...	lf

Try

Element	Template
try/catch	tc
try/finally	tf
try/catch/finally	tcf

Members and Variables

Element	Shortcut*
Variable (parameter, local, field)	V or v
New Instance	N or n
Read-only Fields	O or o
Methods	M or m
Properties	P or p
Read-only	R or r
Write-only	W or w
Auto-implemented	A or a
Type Reference	t
Constants	q
Typecast (in code blocks)	c
Class	c

*Uppercase letters expand to static members.

Type Shortcuts



System

Type	Shortcut
Boolean	b
Byte	by
Char	c
DateTime	d8
Decimal	de
Double	d
EventArgs	ea
Exception	x
Guid	g
Int16	sh
Int32	i
Int64	l
IntPtr	ip
Object	o
Single	si
String	s
Type	ty
UInt32	u

System.Drawing

Type	Shortcut
Bitmap	bt
Brush	br
Color	cl
Font	fn
Graphics	gx
Pen	pn
Point	p
PointF	pf
Rectangle	r
RectangleF	rf
Size	z
SizeF	zf

System.Windows

Type	Shortcut
DependencyObject	do
DependencyProperty	dp
Point	p
Rect	r
Size	z
Thickness	th
Vector	vi

System.Windows.Media

Type	Shortcut
Brush	br
Color	cl
FontFamily	ff
GeometryDrawing	gd
GeometryGroup	gg
GradientBrush	gb
HitTestResult	htr
LinearGradientBrush	lgb
Matrix	mx
MatrixTransform	mt
MediaPlayer	mp
Pen	pn
RotateTransform	rt
ScaleTransform	sct
SkewTransform	skt
TransformGroup	tg
TranslateTransform	tt
Visual	vi
VisualBrush	vb

System.IO

Type	Shortcut
StreamReader	sr
StreamWriter	sw

Follow the templates above with a Type shortcut.

For example, on an empty line inside a class or method, “nb” followed by **space bar** creates a **new** initialized **Boolean** instance.

m by itself creates a method with no return value.

System.Net

Type	Shortcut
FileWebRequest	fwq
FileWebResponse	fwr
HttpWebRequest	hwq
HttpWebResponse	hwr
WebRequest	wq
WebResponse	wr

System.Threading

Type	Shortcut
ManualResetEvent	mre
Monitor	mo
Thread	t
ThreadStart	ts

Other types

Type	Shortcut
{Active Type}	/
{Paste}	\
GregorianCalendar	gc
Regex	rx
StringBuilder	sb

System.Collections

Type	Shortcut
ArrayList	a
Hashtable	h
NameValueCollection	nvc
Queue	q
Stack	k
StringCollection	sc

System.Data

Type	Shortcut
DataRow	dr
DataRowView	drv
DataSet	ds
DataTable	dt
DataRowView	dv

XPO

Type	Shortcut
AggregateOperand	xao
BetweenOperator	xbwo
BinaryOperator	xbo
FunctionOperator	xfo
GroupOperator	xgo
InOperator	xio
UnitOfWork	xu
Session	xss
UnaryOperator	xuo
XPCollection	xcl

Generic Collections – one parameter

Type	Shortcut
BindingList	bl
Collection	c
Comparer	cmp
EqualityComparer	ec
ICollection	ic
IEnumerable	ie
LinkedList	ll
LinkedListNode	lln
List	l
Queue	q
ReadOnlyCollection	roc
Stack	k
XPCollection	xcl

Follow with a “.” and then the shortcut for the type of the parameter. For example, “nl.i” creates a new List of integers.

System.Data.SqlClient

Type	Shortcut
SqlClientPermission	qcp
SqlCommand	qc
SqlCommandBuilder	qcb
SqlConnection	qn
SqlDataAdapter	qda
SqlDataReader	qdr
SqlParameter	qp
SqlParameterCollection	qpc
SqlTransaction	qt

Microsoft.SharePoint

Type	Shortcut
SPContentType	spct
SPContext.Current.Site	sps
SPContext.Current.Web	spcw
SPField	spf
SPList	spl
SPListItem	spli
SPSite	sps
SPWeb	spw

Generic Collections – two parameters

Type	Shortcut
Dictionary	d
KeyValuePair	kvp
SortedDictionary	sd
SortedList	sl

Follow these shortcuts with a “.” and then the shortcuts for the types of the parameters separated by a comma. For example, “nd.s,i” creates a new Dictionary keyed by strings and holding integers.

Are your types missing?

It’s easy to create your own type mnemonic. Just right-click a type reference in the code, and choose “Use Type in Templates...”

Tips

- Shift+Space suppresses template expansion
- t, f, & n for true, false & null.
- r, rt, rf, and rn return values.
- Inside methods, templates like fe, fri, c{TypeShortcut}, st, sf, and sn work intelligently with identifiers copied to the clipboard.
- Use {TypeShortcut}.e to get a .Empty reference for a struct (like s.e or p.e).