

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

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
Multi-Select	Ctrl+Alt+Enter	Selection exists

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
Parens	Shift+0 or Shift+9	Any selection
Not Parens	Shift+1	Any selection

*Enable in the CodeRush Shortcuts options page. Search for "Embed" and enable shortcuts as desired.

Code Generation & Refactoring

Feature	Shortcut	Context
Refactor/Declare	Ctrl+` or Num 0	Editor has focus
Expand Template	Space or Tab	Caret after template
Cycle Scope Up	Alt+Up	At member/type declaration
Cycle Scope Down	Alt+Down	At member/type declaration
Dupl. Line/Selection	Shift+Enter	Editor has focus
Camel Delete Left	Alt+Backspace	Caret in CamelCase token
Camel Delete Right	Alt+Delete	Caret in CamelCase token

Want to change a shortcut?

It's easy. From the CodeRush menu, select **Shortcuts** to bring up the Shortcuts options page.

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).

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 Previous Reference	Shift+Tab	Caret inside identifier
Contextual Jump To	Ctrl+Alt+N or Num Del	Editor has focus
Jump to Symbol	Ctrl+Shift+Q or Num Enter	Editor has focus
Jump to File	Ctrl+Alt+F	Available anywhere
Drop Marker	Alt+Home	Editor has focus
Collect Marker	Escape or Alt+End	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
Toggle Next Bookmark	Ctrl+Num+	Editor has focus
Go to Recent Bookmark	Ctrl+Num-	Editor has focus
Camel Case Nav Left	Alt+Left	Caret on CamelCase token
Camel Case Nav Right	Alt+Right	Caret on CamelCase token

Debugging

Feature	Shortcut	Context
Toggle Temporary Breakpoint	Alt+F9	Debugging, editor has focus
Step Into Member	Ctrl+Shift+F11	Debugging, caret on member reference
Show Expression Explorer	Alt+Down	Debugging, caret inside expression
Toggle Debug Visualizer	Ctrl+Alt+D	Debugging, editor has focus
Refresh/Evaluate Expression	Ctrl+R	Debugging, editor has focus

Test Runner

Feature	Shortcut	Context
Run active test	Ctrl+T, R	Caret inside test method
Debug active test	Ctrl+T, D	Caret inside test method
Run all tests in file	Ctrl+T, F	Inside file containing a test class
Show unit test runner	Ctrl+T, T	Available anywhere
Step Into Member	Ctrl+Shift+F12	Debugging, caret on reference

CodeRush Templates

Expand the templates listed here with the **spacebar** or the **Tab** key (depending on your settings). The **User Guide** shows how to create your own custom 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.Data

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

System.Data.SqlClient

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

System.Threading

Type	Shortcut
ManualResetEvent	mre
Monitor	mo
Thread	t
ThreadStart	ts

XPO

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

Microsoft.SharePoint

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

System.Xml

Type	Shortcut
XmlAttribute	xa
XmlComment	xc
XmlDocument	xd
XmlDocumentType	xdt
XmlElement	xe
XmlException	xx
XPathDocument	xpd
XmlNode	xn
XmlSerializer	xs
XmlText	xt
XmlTextReader	xtr
XmlTextWriter	xtw
XmlWriter	xw

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

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.

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.

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**).