

Effectiveness with tools

- Refactoring
- Creating – typing and style
- Viewing code
- Navigation
- Search
- Errors and Exceptions
- Debugging

Typing and creating code (Program.cs)

- Keyboard options
- Add separators
- Default naming (spell of CancellationToken)
- Selecting code
 - Ctl-Shift arrow
- Column editing
- Changing case
- Clipboard ring

IntelliSense

- Filtering
- Pascal matching

Code style

- Embrace your bad habits!
 - And let the editor fix it
- Tools/Options/Text Editor/C#/Code Style
 - Alt-Q Style
 - Your preferences, can roam and save
- .editorconfig
 - For your project, check it in!
 - Reference: <https://aka.ms/editorconfigref>

Viewing code

- Font size
- Outlining
- Multiple windows

Navigation: Definition and Implementation

- Go to definition: F12
- Go to implementation: Ctl F12
- Go to definition: Ctl Click
- Go to all: Ctl T or Ctl ,
- Find all references
- Structure visualizer lines – hover
- New Exception dialog
- Navigate from all dialogs
- Sync with Solution Explorer
- Go To Brace Ctl-]
- Add Shift to most for selection

Figure 4 Keyboard Shortcuts for GoTo

	Go To All	Go To Line	Go To File	Go To Type	Go To Member	Go To Symbol
Shortcut	Ctrl+T or Ctrl+,	Ctrl+G	Ctrl+1, F	Ctrl+1, T	Ctrl+1, M	Ctrl+1, S
Query Prefix	No prefix	:	f	t	m	#

Search

- Search in all dialogs
- BigSearch and little search
- Custom ToDo items
- RegEx

Errors

- Filters
 - Add category
 - Filter glyph
- Window arrangement

Debugging

- Break and tracepoints
 - Undo
- Auto and Locals
- Multiple Watch
- Exceptions

New Refactorings

- Add parameter (from CallSite)
- Generate overrides
- Add named argument
- Add null-check for parameters
- Insert digit-separators into literals
- Change base for numeric literals (for example, hex to binary)
- Convert if-to-switch
- Remove unused variable

***Two new tricks a week
Let yourself forget the ones that don't matter***