

About me

- John Mallinson
- Based in West Lothian, Scotland
- Been using VBA for over 20 years along with other languages (most recently, mainly C#)
- Worked for large corporate IT corporates until 2019 ... since then, freelancing on Upwork



About VBE_Extras

- VBE_Extras is an AddIn for the VBE (the Visual Basic Editor)
- It provides extra functionality for the VBE, hence the name
- The basic (pun intended) nature of the VBE frustrated me enough to try and make it more "Visual Studio – like" (Visual Studio is the tool I write C# code in) by creating VBE_Extras
- My primary focus is on Excel, Word, Outlook and PowerPoint ... not Access (forgive me ...)
- But VBE_Extras does work in Access!
- Why the specific functionality ... because I needed / wanted it!
- Started with the 'declaration and references' engine ... for any reference I wanted to know what the declaration was and where it was; and I wanted to find every reference of a declaration
 - ... which then allowed me to create the 'Rename' command ... and the 'Highlight' command ... and on from there!

How to get VBE_Extras

- Visit <https://www.thevbahelp.com/vbe-extras-download>
- 60 day free trial (full functionality)
- Some functionality is free beyond that period (see website for details)
- Then annual licence, currently \$30 per year
- One licence works across Access, Excel, Word, PowerPoint and (classic) Outlook
- One licence works across all devices for which you use the same username
- Will be doing an offer of one free license after the demo (quiz question!)

The commands provided by VBE_Extras

1. Info for code at cursor
2. References for code at cursor
3. Highlight
4. Show All Members
5. Special binding
6. Show declaration for code at cursor
7. List declarations in this Procedure / Property
8. List declarations in this Module
9. List declarations in this Project
10. List declarations referenced from other Modules in this Project
11. Rename code at cursor
12. Undo rename
13. Qualify reference
14. Add Properties
15. Add Factory
16. Extract to constant
17. Implement Interface
18. Extract Interface
19. Make 'Option Explicit'
20. Tasks in this Project
21. Go to declaration for code at cursor
22. Go to a declaration in this Module
23. Go to line in this Module
24. Go to Module
25. Go to last edit
26. Go to implementation
27. Go to base
28. Go to previous code reference in this Project / Go to next code reference in this Project
29. Go to declaration above / Go to declaration below
30. Go to Bookmark in this Project
31. Go to Shape with this name or that calls this Procedure
32. Go to Table with this name
33. Go to Name with this name
34. Set Sub to run / Run Sub to run / Clear Sub to run
35. Run Again
36. Immediate window: clear / go to start / go to end
37. Add / update line numbers
38. Remove line numbers
39. Indent lines
40. Split line(s)
41. Comment / Uncomment line(s)
42. Move line(s) up / down
43. Attributes
44. Matches for literal value at cursor
45. Orphan declarations
46. Declarations that could be made Private
47. Detached event handlers in this Project
48. Keyboard shortcuts in this Project
49. Call hierarchy
50. Add Enum from Type Library
51. Add a "GetEnumAsString()" Function
52. Show / hide hidden members
53. Project stats
54. Previous Lists for this Project
55. FullScreen
56. Themes
57. Update CCAs for this Project automatically / Update CCAs for this Project manually / Clear CCAs for this Project
58. Backup this Project
59. View as text file
60. Compare Project
61. Compare Module
62. Version Control
63. Replace All Modules in this Project
64. Clean this Project
65. View RibbonX
66. Update Project References
67. Type Library explorer
68. History - Back / Forward
69. Show History
70. Project Picker
71. Module Picker
72. AutoText
73. Add parameter
74. Promote local variable to parameter
75. Remove parameter
76. Demote parameter to local variable
77. Reorder parameters

- Red = not available in Access
- Green = English language only
- Yellow = functionality is same as MZ-Tools
- Blue = functionality is similar to MZ-Tools

Today's demo will cover ...

1. Immediate window: clear / go to start / go to end
2. List declarations in this Procedure / Property ... Module ... Project
3. Go to declaration for code at cursor
4. References for code at cursor
5. Go to previous code reference in this Project / Go to next code reference in this Project
6. Highlighting
7. Rename code at cursor
8. Sub to run / Run Again
9. History - Back / Forward / Show
10. Module Picker
11. Full Screen
12. Themes
13. Show All Members
14. Update Project References
15. Special binding
16. Add Enum from Type Library
17. Add a "GetEnumAsString()" Function
18. Update parameters (Add / Promote / Remove / Demote / Reorder)
19. Implement / Extract Interface
20. In Excel ... Go to Shape / Go to code called by this Shape / Go to references of this Shape