

Resources to get up and running with MicroStation VBA

Below are some useful resources for easily finding MicroStation VBA related information. This information provides some quick get up and running pointers for programmers, links to online forums (user groups), where to find code samples and utilities, resources for online and remote learning MicroStation VBA, and a link to Bentley Professional Services that offers customization and consulting services for Bentley products - useful when you do not have a programmer on staff.

MicroStation VBA Function key reference

Alt+F11	To open the Microsoft VBA editor
F2	To open the Microsoft VBA Object browser
F1	Highlight an item in the Object browser, then use F1 to jump to the specific help topic and possible programming code sample

EXAMPLES

BE Communities Member Contributions (Home for user submitted programming examples)
http://communities.bentley.com/communities/w/communities_wiki/be-communities-member-contributions.aspx

UTILITIES

Bentley Library and Content - Wiki (Bentley Community supported utilities)
http://communities.bentley.com/communities/other_communities/bentley_library/w/bentley_library_wiki/default.aspx

3rd party developer utilities (VBA and MDL Freeware)
<http://www.la-solutions.co.uk/content/Publications-MVBA.htm>
<http://www.la-solutions.co.uk/content/Publications-MDL.htm>
<http://envisioncad.com/resources/freeware/microstation/>

ARTICLES

Getting Started with Visual Basic
http://communities.bentley.com/products/microstation/microstation_programming/w/microstation_v8i_vba_wiki/getting-started-with-visual-basic.aspx

MicroStation V8 VBA Programming Resources [CS]
http://communities.bentley.com/products/microstation/w/microstation_wiki/microstation-v8-vba-programming-resources-cs.aspx

Launching VBA Applications As Initapps Or Dgnapps [CS]
http://communities.bentley.com/products/microstation/w/microstation_wiki/launching-vba-applications-as-initapps-or-dgnapps-cs.aspx

AddIn Development Using VB.NET
http://communities.bentley.com/products/microstation/microstation_programming/w/microstation_v8i_programming_wiki/addin-development-using-vb.net.aspx

Bentley Programming Community Forums

Be Communities - MicroStation Programming Forum

http://communities.bentley.com/products/microstation/microstation_v8i/f/19570.aspx

Be Communities - ProjectWise Programming Forum

http://communities.bentley.com/products/projectwise/projectwise_programming/f/342995.aspx

Be Communities - Geospatial Programming Forum

http://communities.bentley.com/products/geospatial/geospatial_programming/f/343163.aspx

Be Communities - Geospatial Desktop Forum

<http://communities.bentley.com/products/geospatial/desktop/f/5924.aspx>

Be Communities - AssetWise Programming Forum

http://communities.bentley.com/products/assetwise/assetwise_programming/f/343306.aspx

BOOKS AND ONLINE LEARNING

Learning MicroStation VBA (Book and CD purchase through either link)

[http://www.bentley.com/en-](http://www.bentley.com/en-US/Training/Products/Resources/Books/Learning+MicroStation+VBA.htm)

[US/Training/Products/Resources/Books/Learning+MicroStation+VBA.htm](http://www.bentley.com/en-US/Training/Products/Resources/Books/Learning+MicroStation+VBA.htm), or

<http://www.amazon.com/Learning-MicroStation-VBA-Jerry-Winters/dp/0971414181>

MicroStation VBA Programming Tips and Examples (LA Solutions)

<http://www.la-solutions.co.uk/content/Publications-MVBA.htm>

MicroStation VBA Fundamentals (envisionCAD)

<http://envisioncad.com/courseware/microstation-vba-fundamentals/>

The Five Minute VBA (Mark Stefanchuk)

<http://www.markstefanchuk.com/cad/fiveMinVBA.pdf>

MICROSOFT VBA PROGRAMMING RESOURCES

NOTE: If you have experience in other programming languages and debugging then you may be able to get started with MicroStation VBA programming simply by utilizing the MicroStation VBA training links and newsgroups resources listed above. If you have little or no Microsoft VBA programming experience MicroStation VBA extends and uses the same Microsoft VBA engine included with Microsoft Office. There are also several Microsoft VBA learning resources on the web (and books) that can be leveraged to come up to speed quickly. Going through Microsoft's VBA training and examples first is recommended so as to build the essential skills needed for productive programming in both Microsoft and MicroStation VBA programming environments.

Learn Visual Basic - MSDN - Microsoft

<http://msdn.microsoft.com/en-us/vstudio/hh388573.aspx>

Visual Basic Tutorial - Learn Visual Basic - Online VB Training

<http://visualbasic.freetutes.com/>

Get in the loop with Excel macros

<http://office.microsoft.com/en-us/training/get-in-the-loop-with-excel-macros-RZ001150634.aspx>

Beginner: VB and VBA in a Nutshell (ISBN-13: 978-1565923584)

<http://www.amazon.com/VB-VBA-Nutshell-The-Languages/dp/1565923588>

Beginner: Mastering VBA (ISBN-13: 978-0782144369)

<http://www.amazon.com/Mastering-VBA-Guy-Hart-Davis/dp/0782144365>

Absolute Beginner's Guide to VBA (ISBN-13: 978-0789730763)

<http://www.amazon.com/Absolute-Beginners-Guide-Paul-McFedries/dp/0789730766>

Intermediate: VBA Developer's Handbook (ISBN-13: 978-0782129786)

<http://www.amazon.com/VBA-Developers-Handbook-2nd-Edition/dp/0782129781>

TRAINING

Visit: Bentley Institute – Bentley LEARN Server – MicroStation Programming

<http://learn.bentley.com/app/Public/ViewLearningPathDetails?lpId=102121>

Current MicroStation VBA Live and Online Training courses available live and online courses

- MicroStation VBA Essentials
 - Getting Started with MicroStation VBA (8 hours)
 - Introduction to MicroStation VBA (1 hour)
 - MicroStation V8i VBA Essentials (8 hours)

- MicroStation VBA for Advanced Users
 - MicroStation V8i SELECTseries 1 VBA for Advanced Users (16 hours)

SERVICES

Bentley Professional Services (BPS) - For Bentley product customization services

<http://www.bentley.com/en-US/Services/Bentley+Professional+Services/>