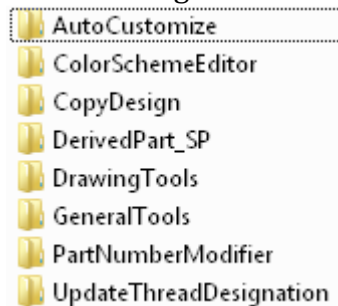


Autodesk Manufacturing User Group of Milwaukee

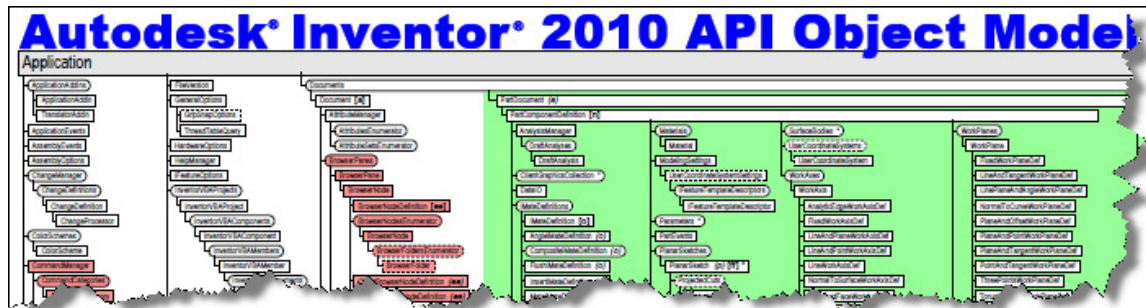
Visual Basic Programming and Inventor's API

Presented by, MasterGraphics and Autodesk - September 10, 2009

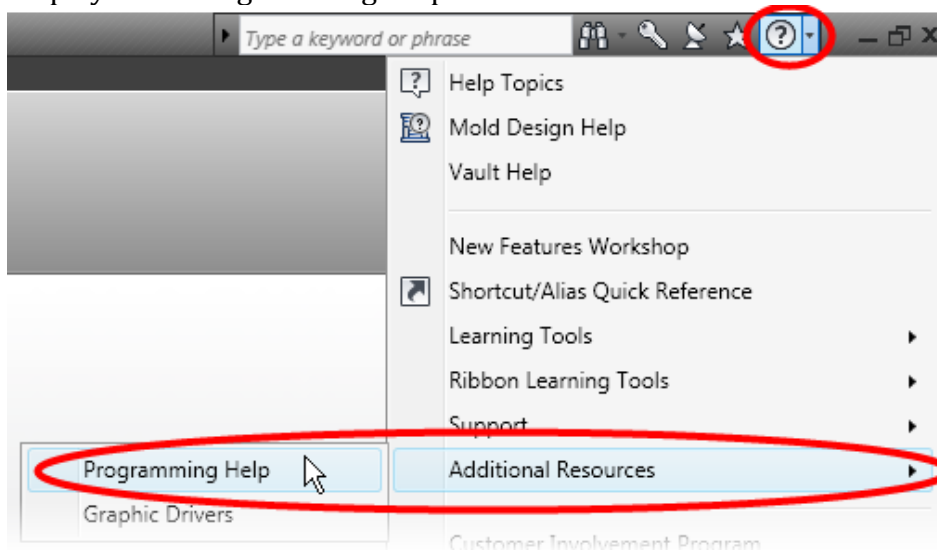
1. Example of visual basic and other programming languages
 - a. Software Developer Kit (SDK) The samples are provided in different languages - VC++, VB (6.0 and .NET) and VC#.NET.
 - i. XP = C:\Program Files\Autodesk\Inventor 2010\SDK
 - ii. Vista = C:\Users\Public\Documents\Autodesk\Inventor 2010\SDK
 - iii. Run the file "UserTools.msi"
 - iv. The following folder will be created



- v. To learn more about what each program does read the ReadMe.txt file in each folder
 - b. Websites with add on programs for Inventor
 - i. <http://labs.autodesk.com/>
 - ii. <http://www.sdotson.com/>
 - iii. <http://www.kwikmcad.com/>
 - iv. <http://discussion.autodesk.com/forums/forum.jspa?forumID=120>
2. Application Programming Interface (API)
 - i. XP = C:\Program Files\Autodesk\Inventor 2010\SDK
 - ii. Vista = C:\Users\Public\Documents\Autodesk\Inventor 2010\SDK
 - iii. Run the file "DeveloperTools.msi"
 - b. Sample Code: Sample code: SDK\DeveloperTools\Samples
 - i. API Object Model:
\SDK\DeveloperTools\Docs\Inventor2010ObjectModel.pdf



3. Help System: Programming Help

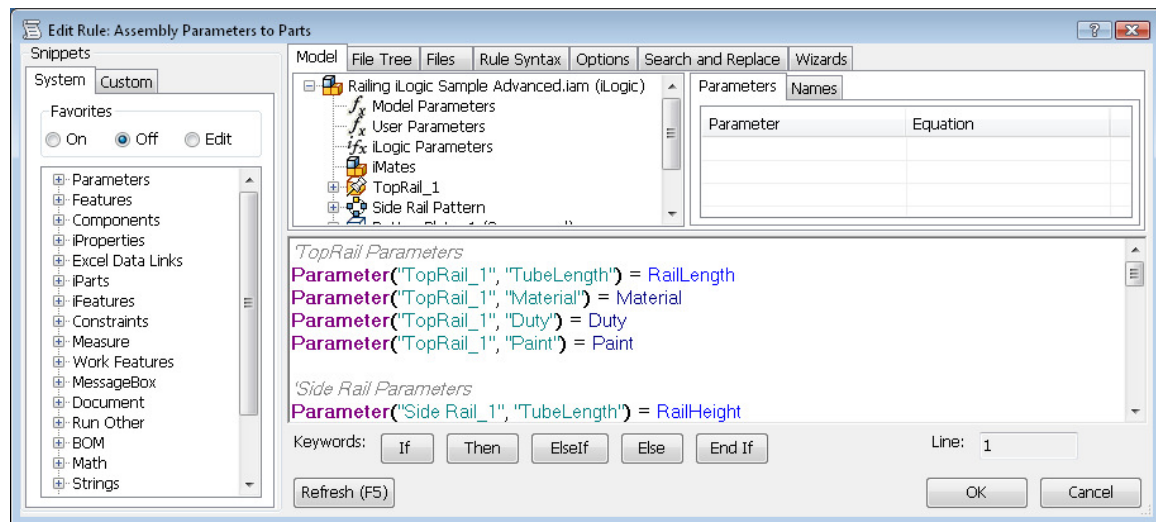


4. Different Programming Languages

- a. VC++
- b. VB (6.0 and .NET)
- c. VC#.NET

5. iLogic

- a. Simplify the process of manually programming in Inventor



6. Additional Resources

- Training: New Horizons www.newhorizons.com
- Programming Services: Logic Design Corporation www ldcglobal.com
- Autodesk Inventor Customization discussion group:
<http://discussion.autodesk.com/forums/forum.jspa?forumID=120>
- Website <http://modthemachine.typepad.com/>