

Solid Edge AddIns with .NET



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Agenda

- Introduction
- Solid Edge AddIn Overview
- Live demos in Visual Basic .NET

Solid Edge AddIn Defined

- Solid Edge defines an addin as a dynamically linked library (DLL) containing a COM-based object that implements the ISolidEdgeAddIn interface. More generally, an add-in is a COM object that is used to provide commands or other value to Solid Edge.

Solid Edge AddIn Requirements

- The addin must be a self-registering .dll
- The addin must expose a COM-creatable class from the DLL in the registry
- The addin must register the CATID_SolidEdgeAddin as an Implemented Category in its registry setting so that Solid Edge can identify it as an addin
- The addin must implement the ISolidEdgeAddIn interface
- Resources like toolbar bitmaps must be stored in a Win32 .res file

Solid Edge AddIn Tips

- Read `\SDK\Samples\Addins\Doc\addin.doc!`
- All resources must exist in a **Win32** .res file
 - VS.NET does not natively support compiling Win32 resource files
 - Must use command line `vbc.exe` compiler



Live Demos



Questions and Answers