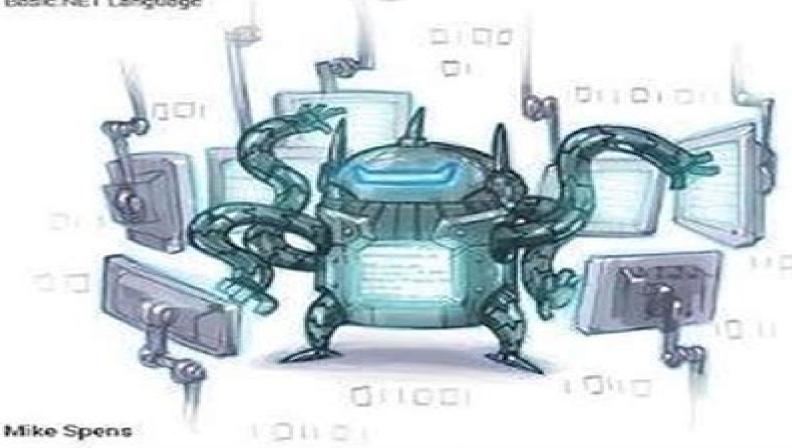
Automating

SOLIDWORKS 2015 Using Macros

A guide to creating VSTA macros using the Visual Basic NET Language



Automating Solidworks 2015 Using Macros

Mike Spens

Automating Solidworks 2015 Using Macros:

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Beginner's Guide to SolidWorks 2015 - Level II Alejandro Reyes,2015-02 Beginner's Guide to SolidWorks 2015 Level II starts where Beginner's Guide Level I ends following the same easy to read style and companion video instruction but this time covering advanced topics and techniques. The purpose of this book is to teach advanced techniques including sheet metal surfacing how to create components in the context of an assembly and reference other components. Top down design propagate design changes with SolidWorks parametric capabilities mold design welded structures and more while explaining the basic concepts of each trade to allow you to understand the how and why of each operation. The author uses simple examples to allow you to better understand each command and environment as well as to make it easier to explain the purpose of each step maximizing the learning time by focusing on one task at a time. This book is focused on the processes to complete the modeling of a part instead of focusing on individual software commands or operations which are generally

simple enough to learn At the end of this book you will have acquired enough skills to be highly competitive when it comes to designing with SolidWorks and while there are many less frequently used commands and options available that will not be covered in this book rest assured that those covered are most of the commands used every day by SolidWorks designers The author strived hard to include the commands required in the Certified SolidWorks Associate test as listed on the SolidWorks website and some as well as several more An Introduction to SOLIDWORKS Flow Simulation 2015 John Matsson, 2015-07 An Introduction to SOLIDWORKS Flow Simulation 2015 takes you through the steps of creating the SOLIDWORKS part for the simulation followed by the setup and calculation of the SOLIDWORKS Flow Simulation project The results from calculations are visualized and compared with theoretical solutions and empirical data Each chapter starts with the objectives and a description of the specific problems that are studied End of chapter exercises are included for reinforcement and practice of what has been learned The fourteen chapters of this book are directed towards first time to intermediate level users of SOLIDWORKS Flow Simulation It is intended to be a supplement to undergraduate Fluid Mechanics and Heat Transfer related courses This book can also be used to show students the capabilities of fluid flow and heat transfer simulations in freshman and sophomore courses such as Introduction to Engineering Both internal and external flow problems are covered and compared with experimental results and analytical solutions Covered topics include airfoil flow boundary layers flow meters heat exchanger natural and forced convection pipe flow rotating flow tube bank flow and valve Automating SolidWorks 2009 Using Macros Mike Spens, 2008-11 Automating SolidWorks 2009 Using Macros is flow designed as a tutorial to help beginner to intermediate programmers develop macros for SolidWorks and SolidWorks Workgroup PDM This new edition focuses primarily on the new Visual Studio Tools for Applications VSTA macro interface It covers many of the major API functions through practical use cases It teaches many Visual Basic NET fundamentals as well as SolidWorks SolidWorks Workgroup PDM and Excel API functions The Author has also added a chapter dedicated to some of his favorite source code for you to use as the basis for typical automation procedures

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