

# **Automating SolidWorks 2009 Using Macros**



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***A Visual Studio Tools for Applications  
tutorial for SolidWorks users***

***Using the Visual Basic.NET Language***

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***Written by Mike Spens***

# Automating Solidworks 2009 Using Macros And Excel

**Dick Kusleika**



## **Automating Solidworks 2009 Using Macros And Excel:**

*Automating SolidWorks 2009 Using Macros* Mike Spens, 2008-11 Automating SolidWorks 2009 Using Macros is 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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*SolidWorks Administration Bible* Matt Lombard, 2009-10-13 What you need to prepare install and maintain SolidWorks It s not enough to know how to use SolidWorks if your job also requires you to install or maintain it train new users and implement standards

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*Automating SOLIDWORKS 2021 Using Macros* Mike Spens, 2021-03-18. Engineers working with SOLIDWORKS are often faced with tedious repetitive work that can consume a lot of time but it doesn't have to be this way. One of the most exciting aspects of SOLIDWORKS is its robust programming interface or API. The SOLIDWORKS API allows you to write code that can perform almost any series of actions for you. SOLIDWORKS was built from the ground up to automate and in this book you will learn how to take advantage of these powerful tools to speed up your work. Automating SOLIDWORKS 2021 Using Macros is designed as a tutorial to help beginner to intermediate programmers develop macros for SOLIDWORKS. Experience with programming isn't required. The book starts with a new

chapter on the fundamentals of Visual Basic NET and the SOLIDWORKS API to make the learning process easier for beginners The rest of the book introduces you to developing macros using the SOLIDWORKS API The book concludes with a chapter dedicated to some of the author s favorite source code for you to use as the basis for typical automation procedures The focus of this book is primarily on the Visual Studio Tools for Applications VSTA macro interface It covers many of the major API functions through practical use cases It will teach you the fundamentals of Visual Basic NET as well as SOLIDWORKS SOLIDWORKS PDM Professional SOLIDWORKS Document Manager and Excel API functions Author Mike Spens has been professionally developing macros for SOLIDWORKS for more than a decade He has helped numerous companies develop their own programs and streamline their workflows If you want to learn how to develop your own macros for SOLIDWORKS following best practices and using well written code then this is the perfect book for you *Automating Solidworks 2013 Using Macros* Mike Spens,2013-07-17 *Automating SolidWorks 2013 Using Macros* is designed as a tutorial to help beginner to intermediate programmers develop macros for SolidWorks and SolidWorks Workgroup PDM The focus of this book is primarily on the 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 What you ll learn Record macros Control Custom Properties Create parts and features Build assemblies Batch create drawings Extract information from Workgroup PDM Create many other time saving utilities *Automating SOLIDWORKS 2023 Using Macros* Mike Spens,2023-05-04 Learn how to save time by automating repetitive work Teaches you how to develop macros for SOLIDWORKS the SOLIDWORKS Document Manager and SOLIDWORKS PDM Professional Programming experience is not required Covers many of the major API functions through practical use cases Focuses on the Visual Studio Tools for Applications macro interface Engineers working with SOLIDWORKS are often faced with tedious repetitive work that can consume a lot of time but it doesn t have to be this way One of the most exciting aspects of SOLIDWORKS is its robust programming interface or API The SOLIDWORKS API allows you to write code that can perform almost any series of actions for you SOLIDWORKS was built from the ground up to automate and in this book you will learn how to take advantage of these powerful tools to speed up your work *Automating SOLIDWORKS 2023 Using Macros* is designed as a tutorial to help beginner to intermediate programmers develop macros for SOLIDWORKS Experience with programming isn t required The book starts with a chapter on the fundamentals of Visual Basic NET and the SOLIDWORKS API to make the learning process easier for beginners The rest of the book introduces you to developing macros using the SOLIDWORKS API The book concludes with a chapter dedicated to some of the author s favorite source code for you to use as the basis for typical automation procedures The focus of this book is primarily on the Visual Studio Tools for Applications VSTA macro interface It covers many of the major API functions through practical use

cases It will teach you the fundamentals of Visual Basic NET as well as SOLIDWORKS SOLIDWORKS PDM Professional SOLIDWORKS Document Manager and Excel API functions Author Mike Spens has been professionally developing macros for SOLIDWORKS for more than a decade He has helped numerous companies develop their own programs and streamline their workflows If you want to learn how to develop your own macros for SOLIDWORKS following best practices and using well written code then this is the perfect book for you What you ll learn Record macros Control Custom Properties Create parts and features Build assemblies Batch create drawings Extract information from PDM Create add ins from macros Create many other time saving utilities      *Automating SOLIDWORKS 2025 Using Macros* Mike Spens, Learn how to save time by automating repetitive work Teaches you how to develop macros for SOLIDWORKS the SOLIDWORKS Document Manager and SOLIDWORKS PDM Professional Programming experience is not required Covers many of the major API functions through practical use cases Focuses on the Visual Studio Tools for Applications macro interface Engineers working with SOLIDWORKS are often faced with tedious repetitive work that can consume a lot of time but it doesn t have to be this way One of the most exciting aspects of SOLIDWORKS is its robust programming interface or API The SOLIDWORKS API allows you to write code that can perform almost any series of actions for you SOLIDWORKS was built from the ground up to automate and in this book you will learn how to take advantage of these powerful tools to speed up your work Automating SOLIDWORKS 2025 Using Macros is designed as a tutorial to help beginner to intermediate programmers develop macros for SOLIDWORKS Experience with programming isn t required The book starts with a chapter on the fundamentals of Visual Basic NET and the SOLIDWORKS API to make the learning process easier for beginners The rest of the book introduces you to developing macros using the SOLIDWORKS API The book concludes with a chapter dedicated to some of the author s favorite source code for you to use as the basis for typical automation procedures The focus of this book is primarily on the Visual Studio Tools for Applications VSTA macro interface It covers many of the major API functions through practical use cases It will teach you the fundamentals of Visual Basic NET as well as SOLIDWORKS SOLIDWORKS PDM Professional SOLIDWORKS Document Manager and Excel API functions Author Mike Spens has been professionally developing macros for SOLIDWORKS for more than a decade He has helped numerous companies develop their own programs and streamline their workflows If you want to learn how to develop your own macros for SOLIDWORKS following best practices and using well written code then this is the perfect book for you What you ll learn Record macros Control Custom Properties Create parts and features Build assemblies Batch create drawings Extract information from PDM Create add ins from macros Create many other time saving utilities      **Automating SolidWorks 2004 Using Macros** Mike Spens,2004      **Automating Macros Using SolidWorks 2006** Mike Spens,2005-11      **101 Ready-To-Use Excel Macros** Michael Alexander,2012-06-04 Save time and be more productive with this helpful guide to Excel macros While most books about Excel macros offer only minor examples usually aimed at illustrating a particular topic this invaluable resource provides you

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