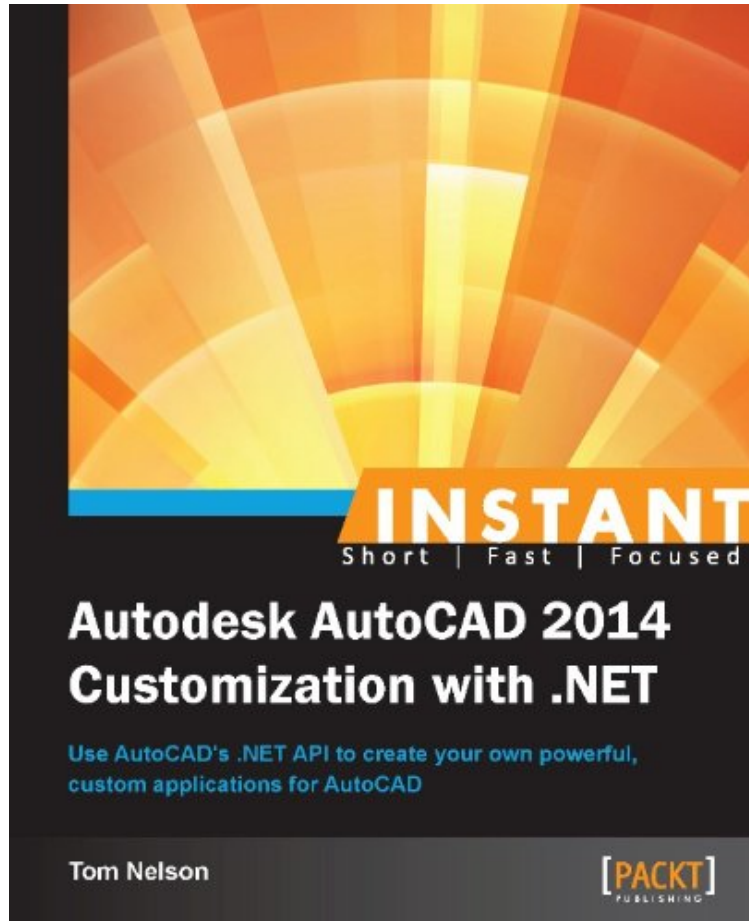


(Library ebook) Instant Autodesk AutoCAD 2014 Customization with .NET

Instant Autodesk AutoCAD 2014 Customization with .NET

Von Tom Nelson

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Von Tom Nelson : Instant Autodesk AutoCAD 2014 Customization with .NET before purchasing it in order to gage whether or not it would be worth my time, and all praised Instant Autodesk AutoCAD 2014 Customization with .NET:

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KurzbeschreibungIn DetailAutoCAD's .NET API can be used to create small but powerful applications that help CAD users achieve productivity gains and improve quality. CAD users can accelerate drafting and design processes, improve drawing accuracy, minimize time spent on repetitive or demanding tasks, and reduce errors. In short, users

can deliver better drawings faster with customized CAD tools. Learn how to use AutoCAD's .NET API to create your own high-powered, custom applications for AutoCAD. This book is a toolbox of small projects for handling common AutoCAD tasks. You can add to these recipes to develop your own specialized AutoCAD program library. Clear, step-by-step instructions and complete code examples illustrate the process, making it easy to develop your own custom AutoCAD tools. Giving you the building blocks of AutoCAD application development, you'll learn to create compact user interfaces for your AutoCAD plugins and add command buttons to the ribbon interface. Next, you'll create programs to insert and modify AutoCAD block and attribute references, as well as working with custom data stored on AutoCAD objects. Learn how to publish layouts from external drawings in multi-sheet PDF files, export AutoCAD data to MS Excel for processing, and respond to AutoCAD event notifications (such as when an object is selected). With the tools presented in this book, you can develop and implement new functionality to address your specialized business needs.

Approach Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. An instruction-based guide with examples written in the C# programming language. VB.NET programmers can also take advantage of these examples by using one of the free conversion websites to convert the examples to VB.NET. Clear, step-by-step instructions and complete code examples illustrate the processes, making it easy to develop your own custom AutoCAD tools.

Who this book is for This book is perfect if you are interested in customizing AutoCAD 2014 using the .NET API. You should have a basic familiarity with programming. Prior experience of customizing AutoCAD is helpful, but not required (as is a basic understanding of AutoCAD commands). If you have AutoCAD customization experience with another API, such as Lisp or VBA, you may find the examples in this book helpful when learning the .NET API. You should also have a basic familiarity with Microsoft Visual Studio 2010 (the Express editions are fine).

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ber den Autor und weitere Mitwirkende Tom Nelson Tom Nelson is an independent AutoCAD programming consultant and freelance technical writer and editor. He began freelance consulting after nearly nine years with Autodesk, first with the Developer Technical services, and later as a technical writer for various Inventor feature teams and the Autodesk Intent and Fusion product teams. He has worked as an in-house CAD applications programmer for an HVAC manufacturing company and as a mechanical designer for the aviation and semiconductor industries. Tom has delivered numerous CAD programming projects, both in-house and as a consultant, and has nearly 20 years' experience supporting or developing with Autodesk APIs. Tom has developed and presented a training class, AutoCAD ActiveX/VBA API for Autodesk Developer Network members, and contributed code and content to the Autodesk AutoCAD .NET API training class, which he has also presented onsite at Autodesk in San Rafael, CA. Tom is an Autodesk authorized developer. He lives in Portland, Oregon with his wife and daughter, and two cats.