



Eclipse 4 Plug-in Development by Example: Beginner's Guide

Dr Alex Blewitt

Download now

[Click here](#) if your download doesn't start automatically

Eclipse 4 Plug-in Development by Example: Beginner's Guide

Dr Alex Blewitt

Eclipse 4 Plug-in Development by Example: Beginner's Guide Dr Alex Blewitt

This is a truly hands-on book for developing Eclipse plug-ins. A whole series of "Time for Action" sections gets you involved in practical examples that teach you everything from the very basics to more advanced activities.

Overview

- Create plug-ins to extend the Eclipse runtime covering Eclipse 3.x and the changes required for Eclipse 4.x
- Plug-ins from design to distribution — wide coverage of the entire process
- No prior OSGi or Eclipse plug-in development experience necessary

In Detail

As a highly extensible platform, Eclipse is used by everyone from independent software developers to NASA. Key to this is Eclipse's plug-in ecosystem, which allows applications to be developed in a modular architecture and extended through its use of plug-ins and features.

"Eclipse Plugin Development by Example: Beginner's Guide" takes the reader through the full journey of plug-in development, starting with an introduction to Eclipse plug-ins, continued through packaging and culminating in automated testing and deployment. The example code provides simple snippets which can be developed and extended to get you going quickly.

This book covers basics of plug-in development, creating user interfaces with both SWT and JFace, and interacting with the user and execution of long-running tasks in the background.

Example-based tasks such as creating and working with preferences and advanced tasks such as well as working with Eclipse's files and resources. A specific chapter on the differences between Eclipse 3.x and Eclipse 4.x presents a detailed view of the changes needed by applications and plug-ins upgrading to the new model. Finally, the book concludes on how to package plug-ins into update sites, and build and test them automatically.

What you will learn from this book

- How to create plug-ins for Eclipse 3.x and 4.x and automatically test plug-ins with JUnit
- How to display tree and table information in views
- What are the specific differences between the Eclipse 3.x model and the Eclipse 4.x model
- How and when to build user interfaces from SWT and JFace
- How to run tasks in the background and update the user interface asynchronously
- How to build plug-ins, features and update sites with Maven Tycho and automate user interface tests with SWTBot
- How to store and obtain preferences, and how to integrate with the Preferences panel
- How to work with the Eclipse resources model for creating and updating files and reporting errors to the user

Approach

A Beginner's Guide following the "by Example" approach. There will be 5-8 major examples that will be used in the book to develop advanced plugins with the Eclipse IDE.

Who this book is written for

This book is for Java developers who are familiar with Eclipse as a Java IDE and are interested in learning how to develop plug-ins for Eclipse. No prior knowledge of Eclipse plug-in development or OSGi is necessary, although you are expected to know how to create, run, and debug Java programs in Eclipse.

 [Download Eclipse 4 Plug-in Development by Example: Beginner ...pdf](#)

 [Read Online Eclipse 4 Plug-in Development by Example: Beginn ...pdf](#)

Download and Read Free Online Eclipse 4 Plug-in Development by Example: Beginner's Guide Dr Alex Blewitt

From reader reviews:

Calvin Lee:

What do you think about book? It is just for students because they are still students or the idea for all people in the world, the particular best subject for that? Only you can be answered for that question above. Every person has different personality and hobby for each and every other. Don't to be pushed someone or something that they don't would like do that. You must know how great along with important the book Eclipse 4 Plug-in Development by Example: Beginner's Guide. All type of book can you see on many sources. You can look for the internet options or other social media.

April Brooks:

The book with title Eclipse 4 Plug-in Development by Example: Beginner's Guide possesses a lot of information that you can find out it. You can get a lot of advantage after read this book. This particular book exist new information the information that exist in this publication represented the condition of the world now. That is important to yo7u to find out how the improvement of the world. This particular book will bring you in new era of the syndication. You can read the e-book in your smart phone, so you can read this anywhere you want.

Timothy Wingo:

You are able to spend your free time to read this book this book. This Eclipse 4 Plug-in Development by Example: Beginner's Guide is simple to deliver you can read it in the area, in the beach, train and also soon. If you did not have much space to bring the actual printed book, you can buy the e-book. It is make you easier to read it. You can save the particular book in your smart phone. And so there are a lot of benefits that you will get when one buys this book.

Michael Robinson:

What is your hobby? Have you heard that question when you got pupils? We believe that that query was given by teacher to the students. Many kinds of hobby, Every person has different hobby. And you also know that little person such as reading or as looking at become their hobby. You must know that reading is very important and also book as to be the point. Book is important thing to include you knowledge, except your own teacher or lecturer. You get good news or update in relation to something by book. Numerous books that can you choose to use be your object. One of them are these claims Eclipse 4 Plug-in Development by Example: Beginner's Guide.

**Download and Read Online Eclipse 4 Plug-in Development by
Example: Beginner's Guide Dr Alex Blewitt #SY783QI2L5A**

Read Eclipse 4 Plug-in Development by Example: Beginner's Guide by Dr Alex Blewitt for online ebook

Eclipse 4 Plug-in Development by Example: Beginner's Guide by Dr Alex Blewitt Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Eclipse 4 Plug-in Development by Example: Beginner's Guide by Dr Alex Blewitt books to read online.

Online Eclipse 4 Plug-in Development by Example: Beginner's Guide by Dr Alex Blewitt ebook PDF download

Eclipse 4 Plug-in Development by Example: Beginner's Guide by Dr Alex Blewitt Doc

Eclipse 4 Plug-in Development by Example: Beginner's Guide by Dr Alex Blewitt Mobipocket

Eclipse 4 Plug-in Development by Example: Beginner's Guide by Dr Alex Blewitt EPub