



# Mastering Eclipse Plug-in Development

By Dr Alex Blewitt

[Download now](#)

[Read Online](#) 

**Mastering Eclipse Plug-in Development** By Dr Alex Blewitt

**Build modular applications on Eclipse by defining custom extension points and using OSGi services**

## About This Book

- Master Eclipse plug-in development with this example-based and practical guide
- Define new JFace wizards, custom extension points, and new commands for the Eclipse console
- Get to grips with OSGi services and events to dynamically wire applications and communicate between plug-ins

## Who This Book Is For

If you are a Java developer who is familiar with the Eclipse plug-in environment, this book covers the advanced concepts that you need to know to achieve true expertise. Prior experience in creating Eclipse plug-ins is assumed for this book.

## What You Will Learn

- Create a custom extension point to allow other plug-ins to contribute
- Employ Declarative Services and Blueprint for dynamic OSGi contributions
- Extend the Common Navigator Framework to provide nested content
- Build commands to extend the built-in Gogo shell
- Use fragments to contribute native code to plug-ins
- Fix code using the service loader and wrap non-OSGi-friendly JARs
- Discover how to build modular applications with decoupled design patterns

## In Detail

Mastering Eclipse Plug-in Development shows you how to build an extensible application using custom extension points and dynamic OSGi services in Eclipse. Dynamic design patterns such as whiteboard and extender are covered along with specific techniques to deal with native and legacy code.

This book dives right into the details and teaches you how to define new JFace wizards and extend Eclipse with custom extension points. Then the book moves quickly on to the details of how to define new commands for the Eclipse console and how to include native code in a plug-in. You will engage with modular application design patterns and Thread Context ClassLoaders before getting the details on how to create as well as manage P2 sites and write help documentation for an Eclipse plug-in.

 [Download Mastering Eclipse Plug-in Development ...pdf](#)

 [Read Online Mastering Eclipse Plug-in Development ...pdf](#)

# Mastering Eclipse Plug-in Development

By Dr Alex Blewitt

**Mastering Eclipse Plug-in Development** By Dr Alex Blewitt

**Build modular applications on Eclipse by defining custom extension points and using OSGi services**

## About This Book

- Master Eclipse plug-in development with this example-based and practical guide
- Define new JFace wizards, custom extension points, and new commands for the Eclipse console
- Get to grips with OSGi services and events to dynamically wire applications and communicate between plug-ins

## Who This Book Is For

If you are a Java developer who is familiar with the Eclipse plug-in environment, this book covers the advanced concepts that you need to know to achieve true expertise. Prior experience in creating Eclipse plug-ins is assumed for this book.

## What You Will Learn

- Create a custom extension point to allow other plug-ins to contribute
- Employ Declarative Services and Blueprint for dynamic OSGi contributions
- Extend the Common Navigator Framework to provide nested content
- Build commands to extend the built-in Gogo shell
- Use fragments to contribute native code to plug-ins
- Fix code using the service loader and wrap non-OSGi-friendly JARs
- Discover how to build modular applications with decoupled design patterns

## In Detail

Mastering Eclipse Plug-in Development shows you how to build an extensible application using custom extension points and dynamic OSGi services in Eclipse. Dynamic design patterns such as whiteboard and extender are covered along with specific techniques to deal with native and legacy code.

This book dives right into the details and teaches you how to define new JFace wizards and extend Eclipse with custom extension points. Then the book moves quickly on to the details of how to define new commands for the Eclipse console and how to include native code in a plug-in. You will engage with modular application design patterns and Thread Context ClassLoaders before getting the details on how to create as well as manage P2 sites and write help documentation for an Eclipse plug-in.

## **Mastering Eclipse Plug-in Development By Dr Alex Blewitt Bibliography**

- Rank: #1506804 in eBooks
- Published on: 2014-08-26
- Released on: 2014-08-26
- Format: Kindle eBook

 [Download Mastering Eclipse Plug-in Development ...pdf](#)

 [Read Online Mastering Eclipse Plug-in Development ...pdf](#)

## Download and Read Free Online Mastering Eclipse Plug-in Development By Dr Alex Blewitt

---

### Editorial Review

#### About the Author

#### Dr Alex Blewitt

Dr Alex Blewitt has been developing Java applications since version 1.0 was released in 1996, and has been using the Eclipse platform since its first release as part of the IBM WebSphere Studio product suite. He even migrated some plug-ins from VisualAge for Java to WebSphere Studio / Eclipse as part of his PhD in Automated Verification of Design Patterns. He got involved in the open source community as a tester when Eclipse 2.1 was being released for Mac OS X, and then subsequently as an editor for EclipseZone, including being a finalist for Eclipse Ambassador in 2007. More recently, Alex has been writing for InfoQ, covering generic Java, specifically Eclipse and OSGi subjects. He was the keynote speaker at the OSGi Community Event 2011 on the past, present, and future of OSGi. The coverage of both new releases of the Eclipse platform as well as its projects and video interviews with some of the Eclipse project leads can be found on the InfoQ home page; for this, he won the Eclipse Top Contributor award in 2012. Alex currently works for an investment bank in London. He also has a number of apps on the App Store through Bandlem Limited. Alex blogs at <http://alblue.bandlem.com> and tweets via Twitter as @alblue regularly and is the author of Eclipse 4 Plug-in Development by Example Beginner's Guide, Packt Publishing.

### Users Review

#### From reader reviews:

#### Gerald Dews:

Why don't make it to be your habit? Right now, try to prepare your time to do the important behave, like looking for your favorite publication and reading a guide. Beside you can solve your trouble; you can add your knowledge by the reserve entitled Mastering Eclipse Plug-in Development. Try to make the book Mastering Eclipse Plug-in Development as your good friend. It means that it can to get your friend when you sense alone and beside regarding course make you smarter than in the past. Yeah, it is very fortuned for you personally. The book makes you a lot more confidence because you can know anything by the book. So , let me make new experience and also knowledge with this book.

#### Kirsten Muncy:

This book untitled Mastering Eclipse Plug-in Development to be one of several books this best seller in this year, honestly, that is because when you read this book you can get a lot of benefit on it. You will easily to buy this particular book in the book retail outlet or you can order it by using online. The publisher with this book sells the e-book too. It makes you quicker to read this book, as you can read this book in your Smartphone. So there is no reason to your account to past this guide from your list.

**Blair Gant:**

The particular book Mastering Eclipse Plug-in Development will bring someone to the new experience of reading some sort of book. The author style to clarify the idea is very unique. In case you try to find new book to learn, this book very acceptable to you. The book Mastering Eclipse Plug-in Development is much recommended to you to study. You can also get the e-book in the official web site, so you can more readily to read the book.

**Eugene Meunier:**

The book untitled Mastering Eclipse Plug-in Development contain a lot of information on the idea. The writer explains the woman idea with easy way. The language is very clear and understandable all the people, so do definitely not worry, you can easy to read this. The book was published by famous author. The author brings you in the new period of time of literary works. You can easily read this book because you can continue reading your smart phone, or device, so you can read the book in anywhere and anytime. If you want to buy the e-book, you can wide open their official web-site as well as order it. Have a nice learn.

**Download and Read Online Mastering Eclipse Plug-in Development  
By Dr Alex Blewitt #XCA3ZQGPI9J**

# **Read Mastering Eclipse Plug-in Development By Dr Alex Blewitt for online ebook**

Mastering Eclipse Plug-in Development 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 Mastering Eclipse Plug-in Development By Dr Alex Blewitt books to read online.

## **Online Mastering Eclipse Plug-in Development By Dr Alex Blewitt ebook PDF download**

**Mastering Eclipse Plug-in Development By Dr Alex Blewitt Doc**

**Mastering Eclipse Plug-in Development By Dr Alex Blewitt Mobipocket**

**Mastering Eclipse Plug-in Development By Dr Alex Blewitt EPub**

**XCA3ZQGPI9J: Mastering Eclipse Plug-in Development By Dr Alex Blewitt**