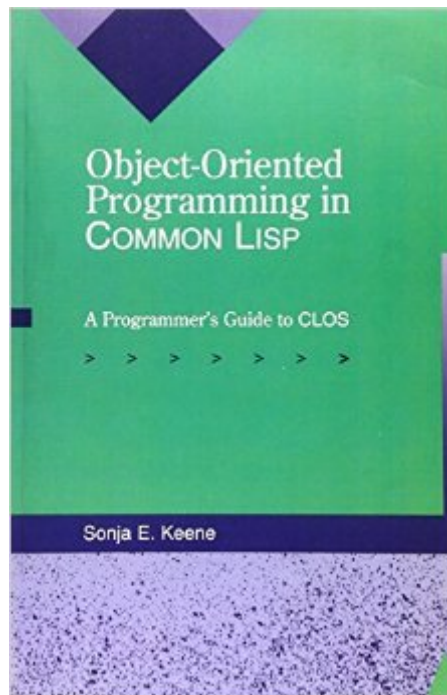# Object-Oriented Programming In COMMON LISP: A Programmer's Guide To CLOS

Synopsis

PROGRAMMERS GUIDE

Book Information

Paperback: 288 pages

Publisher: Addison-Wesley Professional; 1st edition (January 11, 1989)

Language: English

ISBN-10: 0201175894

ISBN-13: 978-0201175899

Product Dimensions: 5.9 x 0.8 x 9 inches

Shipping Weight: 10.4 ounces (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 starsÂ Â See all reviewsÂ (8 customer reviews)

Best Sellers Rank: #938,529 in Books (See Top 100 in Books)   #52 inÂ Books > Computers & Technology > Programming > Languages & Tools > Lisp   #1173 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Object-Oriented Design #3317 inÂ Books > Textbooks > Computer Science > Programming Languages

Customer Reviews

Lisp is kinda hot again, Perl 6 will have multiple dispatch, Ruby's getting before and after methods, and Aspect Oriented Programming is still bubbling under in Java, so what better time to revisit the Common Lisp Object System and this slim volume from 1989? Unsurprisingly, objects in Lisp are implemented differently to the well-known object systems, even Smalltalk, so if you're into OO (and in particular AOP), check out CLOS.And this book is an excellent way to get acquainted with the features of CLOS. While the introduction suggests non-Lispniks can benefit from reading this book, I would strongly suggest you can read Lisp to make sure you understand what's going on. It's a quick read (about 220 pages, excluding the appendices), the language is unfussy and clear, and the concepts are simply explained.The hoary old shape example is used briefly (perhaps it wasn't as tired in 1989), but the two main examples used in the book is a simple locking mechanism for concurrency, and multiple inheritance based disk and tape stream classes. Both example do the job well of highlighting the unique flavour of CLOS. The metaobject protocol is touched upon only briefly, but there's more than enough of the standard object protocol described for you to be getting your money's worth.Other introductory books do cover CLOS (Practical Common Lisp has a good chapter), but this is a very nice standalone volume devoted to CLOS only. Well worth reading, object (and Lisp) fans.

This is a nice "tutorial style" walk through much of the functionality of CLOS.It doesn't get into examples that are of _spectacular_ complexity, either in size or in difficulty of concept, but that strikes me as being just fine. The dialect of CLOS in use predates the final version that was released, so a few examples require a little modification to work with modern Lisp releases.If you're looking to get into the sophistication of redefining your own metaobject protocols, the MOP book is surely more suitable. But for most of us who just need to figure out what CLOS is good for, this book provides a very nice presentation of that.

Amazing how this book is still so invaluable if you are serious about programming in CL. It teaches you the necessary basics you need when using the CLOS which in my opinion is a very easy way to develop real world stand-alone applications. Mix this with the functional programming features Lisp offers and it makes for very expressive and powerful software. It's funny how this continues to be be such a hidden secret.

This is a great book. It shows everything about CLOS (except the metaobject protocol, which is just mentioned but not explained in detail). The explanations are very clear and the author does every possible thing to make you understand all details (a bit too much for me, but that's a matter of taste).For anyone interested in OO programming in Common Lisp, this is an essential book.Even if you are interested in OO programming in general, this book covers a different approach, so it is nice for a comparison (in CLOS, methods do not belong to classes, and there are lots of interesting tricks that you can do that are not possible in other languages).

After reading through half of the Art of Meta Object Protocol I was finding it the book a good read but now here near the epitaph endowed by Alan Kay: "The most important book about OOP in the last decade". So a friend recommended that I read this book first to understand the importance of having a Meta Object Protocol to understand the importance of the book and he recommended me to read this book. Boy was I for a treat.This book concisely tours through the features of CLOS, generic dispatch, method qualifiers (before/after) and how to modify the generic dispatch that comes built in with CLOS! Python may have meta-classes, but without a MOP one can not modify how methods are dispatched in a portable way.A must if you are serious about Common Lisp. Don't let Paul Graham's infamous attempt to pass his own ignorance as the ignorance of others discourage you, CLOS is not a crutch for developers of lesser languages but a powerful tool that is a testament

of the power of Lisp and the residue of a better world that never was.

Keene covers CLOS thoroughly and clearly. A classic. Can't say much else. If you care about your LISP programming craft, buy this book.

You are going to get precisely what is advertised: a good guide to object-oriented programming in Common Lisp, no less, no more.

Outstanding book in referencing the development of software agents integrating with network sockets.

Download to continue reading...

Object-Oriented Programming in COMMON LISP: A Programmer's Guide to CLOS Object Success : A Manager's Guide to Object-Oriented Technology And Its Impact On the Corporation (Object-Oriented Series) Reusable Software : The Base Object-Oriented Component Libraries (Prentice Hall Object-Oriented Series) Object-Oriented Common LISP Visual Object-Oriented Programming Using Delphi With CD-ROM (SIGS: Advances in Object Technology) On Lisp: Advanced Techniques for Common Lisp Successful Lisp: How to Understand and Use Common Lisp LISP, Lore, and Logic: An Algebraic View of LISP Programming, Foundations, and Applications Programmer's Guide to Common LISP Object-Oriented Programming Using C++ (Introduction to Programming) Prolog ++: The Power of Object-Oriented and Logic Programming (International Series in Logic Programming) XSLT 2.0 Programmer's Reference (Programmer to Programmer) CORBA: A Guide to Common Object Request Broker Architecture (McGraw-Hill Object Technology) PHP Advanced and Object-Oriented Programming: Visual QuickPro Guide (3rd Edition) Object Oriented Perl: A Comprehensive Guide to Concepts and Programming Techniques Object Oriented Programming with Swift 2 Smalltalk V 32-Bit Object-Oriented Programming System - Tutorial (1994 Win32 Series Version 3.0) Digitalk Smalltalk V 32-Bit Object-Oriented Programming System - Encyclopedia of Classes (1994 Win32 Series Version 3.0) Digitalk An Object-Oriented Approach to Programming Logic and Design Java Methods: Object-Oriented Programming and Data Structures

Dmca