

Flash 8



Emily A. Vander Veer



POGUE PRESS
O'REILLY

Flash 8 The Missing Manual

F Rizvi



Flash 8 The Missing Manual:

Flash 8 Emily A. Vander Veer, E. A. Vander Veer, 2006-03-22 This guide provides a primer on animation which helps you get comfortable with the Flash interface It also covers advanced animations including adding special effects and audio video and interactivity to your presentations It shows how to use a dollop of ActionScript to customize your content [Flash 8: The Missing Manual](#) E. A. Vander Veer, 2006-03-22 Macromedia's Flash 8 is the world's premier program for adding animation to websites And with the latest version this popular program becomes more versatile letting beginning webmasters and expert developers alike create sophisticated web content But Flash isn't intuitive And it doesn't come with a manual Whether you want to learn the basics or unleash the program's true power *Flash 8 The Missing Manual* is the ideal instructor This hands-on guide to today's hottest web design tool is aimed at nondevelopers and it teaches you how to translate your ideas into great web content It begins with a solid primer on animation which helps you get comfortable with the Flash interface Once you have these basics under your belt *Flash 8 The Missing Manual* moves on to advanced animations including adding special effects and audio video and interactivity to your presentations When you're really feeling steady the book shows how to use a dollop of ActionScript to customize your content It then teaches you how to publish your Flash creations for web surfers everywhere to enjoy Along the way the book shows you good design principles and helps you avoid elements that can distract or annoy an audience Author Emily Vander Veer has more than a dozen books to her credit including titles on web design and scripting most written for non-technical readers Her background makes her the perfect author for a straightforward book on a complex subject She takes *Flash 8 The Missing Manual* from the basics to the advanced yet avoids a hasty jump into tough topics that can leave readers confused Not only will *Flash 8 The Missing Manual* help you turn a concept into unique dynamic content but it will continue to serve as a reference as you develop your website

iPod: The Missing Manual J.D. Biersdorfer, 2006-11-16 With iPod and iTunes Apple's gotten the world hooked on portable music pictures and videos One thing they haven't delivered though is an easy guide for getting the most from your sleek little entertainment center Enter *iPod The Missing Manual* 5th Edition a book as breathtaking and satisfying as its subject Our latest edition thoroughly covers the redesigned iPod Nanos the video iPod the tiny Shuffle and the overhauled iTunes 7 Each custom designed page sports easy to follow color graphics crystal clear explanations and guidance on the most useful things your iPod can do Topics include Out of the box and into your ears Learn how to install iTunes load music on your iPod and how to get rid of that dang flashing Do not disconnect message Bopping around the iPod Whether you've got a tiny Shuffle or a big screen model you'll learn everything from turning your iPod off and on to charging your iPod without a computer Special coverage for iPod owners with trickster friends How to reset the iPod's menus to English if they've been changed to say Korean In tune with iTunes iTunes can do far more than your father's jukebox Learn how to pick and choose which parts of your iTunes library loads onto your iPod how to move your sacred iTunes Folder to a bigger hard drive and

how to add album covers to your growing collection The power of the Pod Download movies play photo slideshows find cool podcasts and more this book shows you how to unleash all your iPod s power iPod is simply the best music player available and this is the manual that should have come with it **Office 2007: The Missing Manual** Chris Grover,Matthew MacDonald,E. A. Vander Veer,2007-04-27 Quickly learn the most useful features of Microsoft Office 2007 with our easy to read four in one guide This fast paced book gives you the basics of Word Excel PowerPoint and Access so you can start using the new versions of these major Office applications right away Unlike every previous version Office 2007 offers a completely redesigned user interface for each program Microsoft has replaced the familiar menus with a new tabbed toolbar or ribbon and added other features such as live preview that lets you see exactly what each option will look like in the document before you choose it This is good news for longtime users who never knew about some amazing Office features because they were hidden among cluttered and outdated menus Adapting to the new format is going to be a shock especially if you re a longtime user That s where Office 2007 The Missing Manual comes in Rather than present a lot of arcane detail this quick friendly primer teaches you how to work with the most used Office features with four separate sections covering the four programs The book offers a walkthrough of Microsoft s redesigned Office user interface before taking you through the basics of creating text documents spreadsheets presentations and databases with Clear explanations Step by step instructions Lots of illustrations Plenty of friendly advice It s a great way to master all 4 programs without having to stock up on a shelf load of different books This book has everything you need to get you up to speed fast Office 2007 The Missing Manual is truly the book that should have been in the box *Windows Vista for Starters: The Missing Manual* David Pogue,2007-01-25 Fast paced and easy to use this concise book teaches you the basics of Windows Vista so you can start using this operating system right away Written by New York Times columnist bestselling author Emmy winning CBS News correspondent and Missing Manuals creator David Pogue the book will help you Navigate the desktop including the fast powerful and fully integrated desktop search function Use the Media Center to record TV and radio present photos play music and record all of these to a DVD Breeze across the Web with the vastly improved Internet Explorer 7 tabbed browser Become familiar with Vista s beefed up security and much more Windows Vista is a vast improvement over its predecessors with an appealing glass like visual overhaul superior searching and organization tools a multimedia and collaboration suite and a massive top to bottom security shield reconstruction Every corner of the traditional Windows operating system has been tweaked overhauled or replaced entirely Aimed at new and experienced computer users alike Windows Vista for Starters The Missing Manual is right there when you need it This jargon free book explains Vista s features quickly and clearly revealing which work well and which don t **Mac OS X: The Missing Manual, Tiger Edition** David Pogue,2005-07-12 You can set your watch to it As soon as Apple comes out with another version of Mac OS X David Pogue hits the streets with another meticulous Missing Manual to cover it with a wealth of detail The new Mac OS X 10 4 better known as Tiger is faster than its predecessors but

nothing's too fast for Pogue and Mac OS X The Missing Manual There are many reasons why this is the most popular computer book of all time With its hallmark objectivity the Tiger Edition thoroughly explores the latest features to grace the Mac OS Which ones work well and which do not What should you look for This book tackles Spotlight an enhanced search feature that helps you find anything on your computer iChat AV for videoconferencing Automator for automating repetitive manual or batch tasks and the hundreds of smaller tweaks and changes good and bad that Apple's marketing never bothers to mention Mac OS X The Missing Manual Tiger Edition is the authoritative book that's ideal for every user including people coming to the Mac for the first time Our guide offers an ideal introduction that demystifies the Dock the unfamiliar Mac OS X folder structure and the entirely new Mail application There are also mini manuals on iLife applications such as iMovie iDVD and iPhoto those much heralded digital media programs and a tutorial for Safari Mac's own web browser And plenty more learn to configure Mac OS X using the System Preferences application keep your Mac secure with FileVault and learn about Tiger's enhanced Firewall capabilities If you're so inclined this Missing Manual also offers an easy introduction to the Terminal application for issuing basic Unix commands There's something new on practically every page and David Pogue brings his celebrated wit and expertise to every one of them Mac's brought a new cat to town and we have a great new way to tame it

Windows Vista David Pogue, 2007 Microsoft's Windows Vista is the much anticipated successor to the Windows XP operating system David Pogue offers help for using the system with this manual **PowerPoint 2007** Emily A. Vander Veer, 2007 A new handbook not only covers the basics and new features of PowerPoint 2007 but also teaches users how to combine multimedia animation and interactivity into a presentation how to take full advantage of advanced functions and how to create reusable design templates and automate tasks with macros

Google SketchUp: The Missing Manual Chris Grover, 2009-05-22 If you want to learn to create 3 D models using Google SketchUp this Missing Manual is the ideal place to start Filled with step by step tutorials this entertaining reader friendly guide will have you creating detailed 3 D objects including building plans furniture landscaping plans even characters for computer games in no time Google SketchUp The Missing Manual offers a hands on tour of the program with crystal clear instructions for using every feature and lots of real world examples to help you pick up the practical skills you need Learn to use the basic tools build and animate models and place your objects in Google Earth With this book you will Learn your way around the SketchUp workspace and explore the differences between working in 2 D and 3 D Build simple 3 D shapes save them as reusable components and use SketchUp's Outliner to show or hide them as you work Tackle a complicated model building with lots of detail and discover timesaving tools for using many components Animate the model by creating an interior walkthrough of your building Dress up your model with realistic material shading and shadows and place it in Google Earth It's easy to get started Just download the program from Google.com and follow the instructions in this book You'll become a SketchUp master in a jiffy

CSS: The Missing Manual David Sawyer McFarland, 2006-08-24 Web site design has grown up Unlike the old days when

designers cobbled together chunky HTML bandwidth hogging graphics and a prayer to make their sites look good Cascading Style Sheets CSS now lets your inner designer come out and play But CSS isn't just a tool to pretty up your site it's a reliable method for handling all kinds of presentation from fonts and colors to page layout CSS The Missing Manual clearly explains this powerful design language and how you can use it to build sparklingly new Web sites or refurbish old sites that are ready for an upgrade Like their counterparts in print page layout programs style sheets allow designers to apply typographic styles graphic enhancements and precise layout instructions to elements on a Web page Unfortunately due to CSS's complexity and the many challenges of building pages that work in all Web browsers most Web authors treat CSS as a kind of window dressing to spruce up the appearance of their sites Integrating CSS with a site's underlying HTML is hard work and often frustratingly complicated As a result many of the most powerful features of CSS are left untapped With this book beginners and Web building veterans alike can learn how to navigate the ins and outs of CSS and take complete control over their Web pages appearance Author David McFarland the bestselling author of O'Reilly's Dreamweaver The Missing Manual combines crystal clear explanations real world examples a dash of humor and dozens of step by step tutorials to show you ways to design sites with CSS that work consistently across browsers You'll learn how to Create HTML that's simpler uses less code is search engine friendly and works well with CSS Style text by changing fonts colors font sizes and adding borders Turn simple HTML links into complex and attractive navigation bars complete with CSS only rollover effects that add interactivity to your Web pages Style images to create effective photo galleries and special effects like CSS based drop shadows Make HTML forms look great without a lot of messy HTML Overcome the most hair pulling browser bugs so your Web pages work consistently from browser to browser Create complex layouts using CSS including multi column designs that don't require using old techniques like HTML tables Style Web pages for printing Unlike competing books this Missing Manual doesn't assume that everyone in the world only surfs the Web with Microsoft's Internet Explorer our book provides support for all major Web browsers and is one of the first books to thoroughly document the newly expanded CSS support in IE7 currently in beta release Want to learn how to turn humdrum Web sites into destinations that will capture reviewers and keep them longer Pick up CSS The Missing Manual and learn the real magic of this tool

If you ally infatuation such a referred **Flash 8 The Missing Manual** book that will have the funds for you worth, acquire the totally best seller from us currently from several preferred authors. If you desire to hilarious books, lots of novels, tale, jokes, and more fictions collections are afterward launched, from best seller to one of the most current released.

You may not be perplexed to enjoy all books collections Flash 8 The Missing Manual that we will totally offer. It is not approaching the costs. Its virtually what you dependence currently. This Flash 8 The Missing Manual, as one of the most working sellers here will extremely be in the course of the best options to review.

<https://staging.conocer.cide.edu/data/uploaded-files/fetch.php/manual%20balancing%20damper.pdf>

Table of Contents Flash 8 The Missing Manual

1. Understanding the eBook Flash 8 The Missing Manual
 - The Rise of Digital Reading Flash 8 The Missing Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Flash 8 The Missing Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Flash 8 The Missing Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Flash 8 The Missing Manual
 - Personalized Recommendations
 - Flash 8 The Missing Manual User Reviews and Ratings
 - Flash 8 The Missing Manual and Bestseller Lists
5. Accessing Flash 8 The Missing Manual Free and Paid eBooks

- Flash 8 The Missing Manual Public Domain eBooks
 - Flash 8 The Missing Manual eBook Subscription Services
 - Flash 8 The Missing Manual Budget-Friendly Options
6. Navigating Flash 8 The Missing Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Flash 8 The Missing Manual Compatibility with Devices
 - Flash 8 The Missing Manual Enhanced eBook Features
 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Flash 8 The Missing Manual
 - Highlighting and Note-Taking Flash 8 The Missing Manual
 - Interactive Elements Flash 8 The Missing Manual
 8. Staying Engaged with Flash 8 The Missing Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Flash 8 The Missing Manual
 9. Balancing eBooks and Physical Books Flash 8 The Missing Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Flash 8 The Missing Manual
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine Flash 8 The Missing Manual
 - Setting Reading Goals Flash 8 The Missing Manual
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of Flash 8 The Missing Manual
 - Fact-Checking eBook Content of Flash 8 The Missing Manual
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Flash 8 The Missing Manual Introduction

In the digital age, access to information has become easier than ever before. The ability to download Flash 8 The Missing Manual has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Flash 8 The Missing Manual has opened up a world of possibilities. Downloading Flash 8 The Missing Manual provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Flash 8 The Missing Manual has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Flash 8 The Missing Manual. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Flash 8 The Missing Manual. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Flash 8 The Missing Manual, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Flash 8 The Missing Manual has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers,

free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Flash 8 The Missing Manual Books

What is a Flash 8 The Missing Manual PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Flash 8 The Missing Manual PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Flash 8 The Missing Manual PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Flash 8 The Missing Manual PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Flash 8 The Missing Manual PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Flash 8 The Missing Manual :

[manual balancing damper](#)

[manual bmw navigator 5](#)

[manual carburador solex 34 pbisa](#)

manual boss gt 8 espanol

~~manual canon 500d portugues~~

~~manual book compaq presario v3000~~

[manual beko wml 15106](#)

[manual canon 70d](#)

manual casio g shock ga 100 1a1er

~~manual canon t3i portugues br~~

~~manual chevrolet vectra 2003~~

manual camara kodak c182

[manual catia v5 mechanical surface design](#)

~~manual casio edifice efa 121~~

manual autocad civil 3d 2014 espanol

Flash 8 The Missing Manual :

Retailing Management by Levy, Michael The textbook focuses on the strategic issues facing the retail industry and provides a current, informative, €œgood read€ for students. The Eighth Edition ... Retailing Management | Buy | 9780073530024 | Chegg.com ISBN-13: 9780073530024 ; Authors: Michael Levy, Barton A Weitz, Barton Weitz ; Full Title: Retailing Management ; Edition: 8th edition ; ISBN-13: 978-0073530024. INTERNATIONAL EDITION---Retailing Management, 8th ... Home Michael Levy and Barton A. Weitz INTERNATIONAL EDITION---Retailing Management, 8th edition. Stock Image. Seller Image. Quantity: 3. INTERNATIONAL EDITION ... Retailing Management Michael Levy Barton Weitz 8th (PDF) Feb 19, 2023 — Providing a balance between theory and practice, this guide to retail management includes useful career information and takes a strategic. Page ... Retailing Management Get the 11e of Retailing Management by Michael Levy, Barton Weitz and Dhruv Grewal Textbook, eBook, and other options. ISBN 9781264157440. Copyright 2023. Retailing Management - 8th edition COUPON: RENT Retailing Management 8th edition by Levy eBook (9780077495695) and save up to 80% on online textbooks at Chegg.com now! Retailing management | WorldCat.org Retailing management ; Authors:

Michael Levy, Barton A. Weitz ; Edition: 8. ed., international student ed View all formats and editions ; Publisher: McGraw-Hill/ ... Retailing Management 8th edition 9780071220989 Jul 15, 2020 — Retailing Management 8th Edition is written by Michael Levy; Barton Weitz and published by McGraw-Hill International (UK) Ltd. The Digital ... Retailing Management - Barton A Weitz, Michael Levy The textbook focuses on the strategic issues facing the retail industry and provides a current, informative, “good read” for students. The Eighth Edition ... Retailing Management with Connect Plus - Levy, Michael The authors' objective in preparing the eighth edition is to stimulate student interest in retailing courses and careers by capturing the exciting, challenging, ... 2002 XL-7 Repair Manuals Aug 23, 2019 — 2002 XL-7 Repair Manuals ... I am trying to find repair manuals for my 2002 XL-7. My VIN starts with JS3TX92V4. Can someone point me to right ... Suzuki Grand Vitara XL-7 Service Manual View and Download Suzuki Grand Vitara XL-7 service manual online. Grand Vitara XL-7 automobile pdf manual download. Suzuki Xl7 Service Repair Manual 2001-2006 130113250-Suzuki Xl7 Service Repair Manual 2001 2006 - Read online for free. grand vitara xl7.zip (194 MB) - Repair manuals - English (EN) Grand Vitara XL-7 Factory Service Manual (JA627/JA420WD). Transmission ... English grand vitara workshop manual.rar Contains 8 PDF files for Suzuki Grand Vitara. Suzuki XL7 Repair Manual - Vehicle Order Suzuki XL7 Repair Manual - Vehicle online today. Free Same Day Store Pickup. Check out free battery charging and engine diagnostic testing while you ... Suzuki Grand Vitara + XL7 1999-2012 Service Repair ... ABOUT THE MANUAL & IMPORTANT INFORMATION. The manual contains Repair instructions and information step by step. Front Section. Compatible with all devices ... Original 2002 Suzuki Grand Vitara & XL-7 Shop Service ... Original 2002 Suzuki Grand Vitara & XL-7 Shop Service Manual Volume 1 2 Set ; Item Number. 234450828210 ; Year of Publication. 2002 ; Publisher. Suzuki ; Accurate ... Repair manuals and video tutorials on SUZUKI XL7 Step-by-step DIY SUZUKI XL7 repair and maintenance · XL6/XL7 (NC) 2019 workshop manual online. How to change fuel filter on a car - replacement tutorial · XL7 ... Suzuki Grand Vitara XL7 2007 2008 2009 Service Repair This Professional Manual covers all repairs, servicing and troubleshooting procedures. It is very detailed and contains hundreds of pages with detailed photos & ... 2003 Suzuki Grand Vitara & XL-7 Repair Shop Manual Set ... This factory information shows you how to repair your vehicle. This is a set of 2 books. With step-by-step instructions, clear pictures, exploded view ... The Heavy Guitar Bible: A Rock Guitar Instruction Manual This book gives you everything you need to really be able to play your guitar like a professional. It's an easy method to learn your music theory and how to use ... The Heavy Guitar Bible - A Rock Guitar Manual This bestseller is now available with a CD! The complete book on the world of rock guitar, covering fretboard basics, chords, structure, and all rock styles, ... Heavy Guitar Bible Vol2 A Rock Guitar Manual Heavy Guitar Bible Vol2 A Rock Guitar Manual · Book overview. Book by Richard Daniels. The Heavy Guitar Bible: A Rock Guitar Instruction Manual The complete book on the world of rock guitar, covering fretboard basics, chords, structure, and all rock styles, with accompanying illustrations. GenresMusic. The Heavy Metal Guitar Bible The Heavy Metal Guitar Bible is a three-part series

that teaches you the essential skills required to become a master Heavy Metal guitarist. Heavy Guitar Bible Rock by Richard Daniels The Heavy Guitar Bible: A Rock Guitar Instruction Manual by Richard Daniels and a great selection of related books, art and collectibles available now at ... The Heavy Guitar Bible: A Rock Guitar Manual (Guitar Educational). This bestseller is now available with a CD! The complete book on the world of rock guitar, covering fretboard basics, chords, The Heavy Guitar Bible [HL:2501149] A Rock Guitar Manual. This bestseller is now available with a CD! The complete book on the world of rock guitar, covering fretboard basics, chords, structure, ... The Heavy Guitar Bible by Richard Daniels, Paperback (Guitar Educational). The complete book on the world of rock guitar, covering fretboard basics, chords, structure, and all rock styles, with accompanying. Cherry Lane The Heavy Guitar Bible Book The Heavy Guitar Bible provides you with an incredibly resourceful book on the world of rock guitar, covering fretboard basics, chords, structure, ...