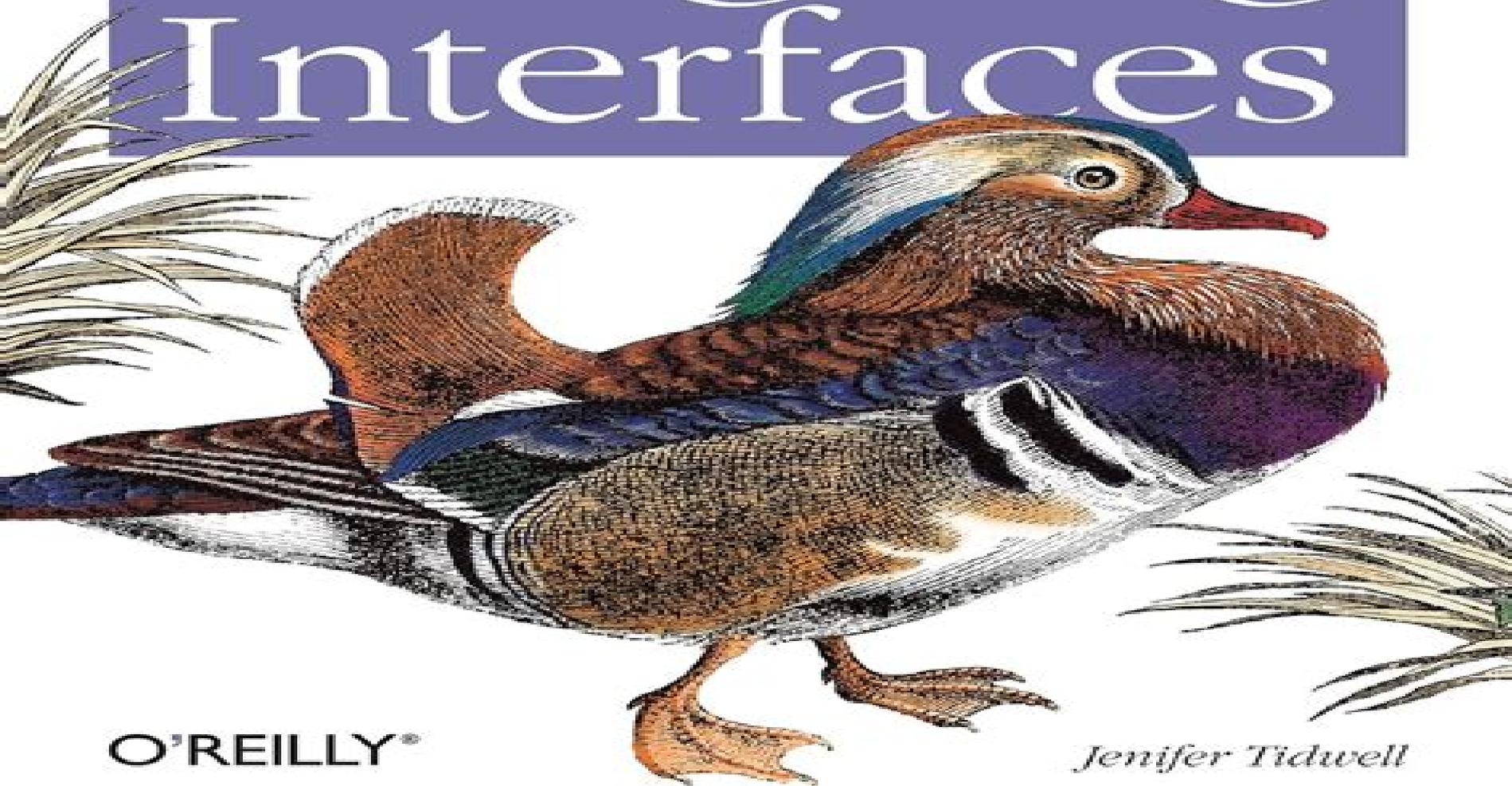


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Designing Visual Interfaces Kevin Mullet, Darrell Sano, 1995 Ironically many designers of graphical user interfaces are not always aware of the fundamental design rules and techniques that are applied routinely by other practitioners of communication oriented visual design techniques that can be used to enhance the visual quality of GUIs data displays and multimedia documents This volume focuses on design rules and techniques that are drawn from the rational functionalist design aesthetic seen in modern graphic design industrial design interior design and architecture and applies them to various graphical user interface problems experienced in commercial software development Describes the basic design principles the what and why common errors and practical step by step techniques the how in each of six major areas elegance and simplicity scale contrast and proportion organization and visual structure module and program image and representation and style Focuses on techniques that will not only improve the aesthetics of the visual display but because they promote visual organization clarity and conciseness will also enhance the usability of the product Includes a catalog of common errors drawn from existing GUI applications and environments to

illustrate practices that should be avoided in developing applications For anyone responsible for designing specifying implementing documenting or managing the visual appearance of computer based information displays

Distributed User Interfaces José A. Gallud,Ricardo Tesoriero,Victor M.R. Penichet,2011-12-13 The recent advances in display technologies and mobile devices is having an important effect on the way users interact with all kinds of devices computers mobile devices laptops tablets and so on These are opening up new possibilities for interaction including the distribution of the UI User Interface amongst different devices and implies that the UI can be split and composed moved copied or cloned among devices running the same or different operating systems These new ways of manipulating the UI are considered under the emerging topic of Distributed User Interfaces DUIs DUIs are concerned with the repartition of one of many elements from one or many user interfaces in order to support one or many users to carry out one or many tasks on one or many domains in one or many contexts of use each context of use consisting of users platforms and environments The 20 chapters in the book cover between them the state of the art the foundations and original applications of DUIs Case studies are also included and the book culminates with a review of interesting and novel applications that implement DUIs in different scenarios

Design of System-level Interfaces Jane Shih Sun,1992

COM IDL & Interface Design Al Major,1999 A trainer and lecturer for Microsoft Curriculum Courses describes the foundations of interface programming stepping readers through the specific directives in the MIDL compiler Going from remote methods to advanced marshaling he touches on all aspects of IDL through a practical DCOM application

Taming HAL Asaf Degani,2004-01-17 Machines dominate our lives from alarm clocks that wake us up in the morning to radios that lull us to sleep Most of our interactions with automated machines and computers are problem free but more often than we would like they can be irritating and confusing This is frequently harmless such as a VCR recording the wrong show but when it involves a critical system like an autopilot or medical device it can be a matter of life or death Taming HAL seeks to explain these miscommunications between humans and machines by exploring user interfaces of everyday devices Degani examines thirty different systems for human use including watches consumer electronic products Internet applications cars medical equipment navigation systems onboard cruise ships and autopilots of commercial aircraft Readers will discover why interfaces between people and machines all too often do not work and what needs to be done to avoid potential tragedies

Designing Web Navigation James Kalbach,2007 Provides information on basic Web design and development techniques to create effective navigation systems

Proceedings of the 1993 International Workshop on Intelligent User Interfaces Wayne D. Gray,William E. Hefley,Dianne Murray,1992

Applied Mechanics, Embracing Strength and Elasticity of Materials, Theory and Design of Structures, Theory of Machines and Hydraulics David Allan Low,1910

Programming Open Service Gateways with Java Embedded Server Technology Kirk Chen,Li Gong,2002 The Java Embedded Server TM from Sun Microsystems Inc is a solution for linking consumer devices with services over the Internet It is based on the Open Services Gateway Initiative OSGi Service Gateway

Specification 1.0 Written by authors who are intimately involved with the development and implementation of the specification *Programming Open Service Gateways with Java Embedded Server™ Technology* reveals the concepts and inner workings of the Java Embedded Server framework and explains how to program and develop services for open gateways using the Java™ programming language With an emphasis on actual coding this definitive guide begins by explaining the backdrop in which the residential gateway market emerged Next the book discusses the history and mission of the Java Embedded Server product and the OSGi consortium Throughout the book the Java Embedded Server technical architecture and the OSGi Service Gateway API are presented with examples and detailed implementations The book's practical how-to format shows you how to write code for residential gateway applications that is correct robust and efficient while avoiding common traps and pitfalls Highlights include Overview of OSGi architecture including basic concepts and features How to install Java Embedded Server and develop service bundles Design patterns and pitfalls How to use the OSGi standard services log service and HTTP service OSGi Device Access DA service Permission based security and administration The future undertakings of the OSGi consortium The OSGi Service Gateway Specification 1.0 *Programming Open Service Gateways with Java Embedded Server™ Technology* gives you an insider's perspective on the development process of new applications and services for the residential gateway environment 0201711028B09102001

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