

Prioritizing Web Usability

Prioritizing Web Usability The Human-Computer Interaction Handbook Design Solutions for Improving Website Quality and Effectiveness App and Website Accessibility Developments and Compliance Strategies Handbook of Human Factors in Web Design Information Architecture Hybrid Artificial Intelligent Systems, Part II Hybrid Artificial Intelligent Systems, Part II Responsible Business in Uncertain Times and for a Sustainable Future Aesthetics at Work WorldCat Local at the University of Washington Libraries Grundlagen des Usability-Engineering Social Computing Information Technology & Tourism Web Usability Handbook The Road to Information Literacy Business Research Yearbook Social computing Bewertung von AJAX Steuerelementen anhand von Usability-Tests A Pattern Language for Web Usability Jakob Nielsen Andrew Sears Sreedhar, G. Akgül, Yakup Kim-Phuong L. Vu Wei Ding Manuel Graffà Romay Manuel Grana Romay Nicholas Capaldi Arne Melberg Jennifer Ward Marcel Thum Subhasish Dasgupta Mark Pearrow Roisin Gwyer Mark Aslan Kuschel Ian Graham

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in 2000 jakob nielsen the world's leading expert on usability published a book that changed

how people think about the designing usability new riders many applauded a few jeered but everyone listened the best selling usability guru is back and has revisited his classic guide joined forces with usability consultant hoa loranger and created an updated companion book that covers the essential changes to the and usability today prioritizing usability is the guide for anyone who wants to take their site s to next level and make usability a priority through the authors wisdom experience and hundreds of real world user tests and contemporary site critiques you ll learn about site design user experience and usability testing navigation and search capabilities old guidelines and prioritizing usability issues page design and layout content design and more

this second edition of the human computer interaction handbook provides an updated comprehensive overview of the most important research in the field including insights that are directly applicable throughout the process of developing effective interactive information technologies it features cutting edge advances to the scientific

as the internet has evolved to become an integral part of modern society the need for better quality assurance practices in web engineering has heightened adherence to and improvement of current standards ensures that overall web usability and accessibility are at optimum efficiency design solutions for improving website quality and effectiveness is an authoritative reference source for the latest breakthroughs techniques and research based solutions for the overall improvement of the web designing process featuring relevant coverage on the analytics metrics usage and security aspects of web environments this publication is ideally designed for reference use by engineers researchers graduate students and web designers interested in the enhancement of various types of websites

in the present digital world the growing number of internet users has made web quality an important factor for accessing online services and increasing the customer base of an organization the advances in information technology and the internet have opened new dimensions in many different industries currently accessibility research is an active area of research specifically access for everyone regardless of disability has become an essential aspect of web development as webpages will be used by both nondisabled and disabled individuals web pages must be designed with a technical criterion that fits universal needs the ambition to make websites barrier free is not limited to standards and laws but has been on the agendas of all governments and public agencies recently and this universality of

websites is a fundamental area of research app and website accessibility developments and compliance strategies intends to provide theoretical and practical contributions for the accessibility of websites for both disabled and nondisabled individuals this book discusses how web quality parameters like usability and accessibility are being evaluated for their universal design and accessibility by different types of disabled individuals the chapters cover the current methodologies for evaluation accessible design criteria inclusive practices in web and app development and policies and interventions across different types of websites this book is ideally intended for web developers designers software engineers it specialists social organizations governments practitioners researchers academicians and students in the usability and accessibility of websites for disabled individuals

the handbook of human factors in design covers basic human factors issues relating to screen design input devices and information organization and processing as well as addresses newer features which will become prominent in the next generation of technologies these include multimodal interfaces wireless capabilities and agents t

information architecture is about organizing and simplifying information designing and integrating information spaces systems and creating ways for people to find and interact with information content its goal is to help people understand and manage information and make right decisions accordingly in the ever changing social organizational and technological contexts information architects not only design individual information spaces e g individual websites software applications and mobile devices but also tackle strategic aggregation and integration of multiple information spaces across websites channels modalities and platforms not only they create predetermined navigation pathways but also provide tools and rules for people to organize information on their own and get connected with others information architects work with multi disciplinary teams to determine the user experience strategy based on user needs and business goals and make sure the strategy gets carried out by following the user centered design ucd process via close collaboration with others drawing on the author s extensive experience as hci researchers user experience design practitioner and information architecture instructors this book provides a balanced view of the ia discipline by applying the ia theories design principles and guidelines to the ia and ux practices it also covers advanced topics such as enterprise ia global ia and mobile ia in addition to new and experienced ia practitioners this book is written for undergraduate and graduate level students in information architecture information sciences human computer interaction

information systems and related disciplines table of contents information architecture concepts information architecture and 2 0 ia research design and evaluation organization and navigation systems user information behavior and design implications interaction design enterprise ia and ia in practice global information architecture mobile information architecture the future of information architecture

annotation this book constitutes the proceedings of the 5th international conference on hybrid artificial intelligent systems held in san sebastian spain in june 2010

th the 5 international conference on hybrid artificial intelligence systems hais 2010 has become a unique established and broad interdisciplinary forum for researchers and practitioners who are involved in developing and applying symbolic and sub symbolic techniques aimed at the construction of highly robust and reliable problem solving techniques and bringing the most relevant achievements in this field overcoming the rigid encasing imposed by the arising orthodoxy in the field of arti cial intelligence which has led to the partition of researchers into so called areas or fields interest in hybrid intelligent systems is growing because they give freedom to design innovative solutions to the ever increasing complexities of real world pr lems noise and uncertainty call for probabilistic often bayesian methods while the huge amount of data in some cases asks for fast heuristic in the sense of suboptimal and ad hoc algorithms able to give answers in acceptable time frames high dim sionality demands linear and non linear dimensionality reduction and feature extr tion algorithms while the imprecision and vagueness call for fuzzy reasoning and linguistic variable formalization nothing impedes real life problems to mix diffc ties presenting huge quantities of noisy vague and high dimensional data therefore the design of solutions must be able to resort to any tool of the trade to attack the problem combining diverse paradigms poses challenging problems of computational and methodological interfacing of several previously incompatible approaches this is thus the setting of hais conference series and its increasing success is the proof of the vitality of this exciting field

this book offers up to date insights into the theory and practice of corporate social responsibility csr and sustainability management gathering contributions by a team of international scholars it shares perspectives from a variety of academic disciplines including management and tourism as well as accounting higher education research and supply chain management guided by the credo of achieving responsible business for uncertain times and

a sustainable future the authors present their latest reflections on and possible solutions for sustainable and responsible business practices all of the contributions presented here are critical evidence based and solution oriented making the book both practical and insightful reading for academics and practitioners alike

this anthology deals with the changing state of the arts and the incorporation and relevance of the aesthetic dimension in daily life in general the articles are not restricted to the arts but emphasis is given to aesthetics at work including art interaction new aesthetical forms new aesthetical activities media and expressions including aesthetical dimensions in current economical and technological development all the aesthetical tendencies that contribute to our world today the book represents a decisive development in existing theories of art taking a serious look at the expanding field of aesthetics the contributors represent aesthetic studies musicology art history literature and media together they have published widely within the aesthetics field and they all take part in the development of an aesthetics program at the university of oslo

written by uw librarians who were integral to this project this issue of library technology reports provides an overview of the development usability testing methods and implementation of this service find out how worldcat local has resulted in a more seamless discovery and delivery user experience and what that can mean to your own users

studienarbeit aus dem jahr 2008 im fachbereich bwl informationswissenschaften informationsmanagement note 1 0 universit t hildesheim stiftung software systems engineering sprache deutsch abstract die ausarbeitung zum thema prioritizing usability befasst sich mit der problemstellung einen Überblick über usability usability und methoden und verfahren zum usability engineering zu geben ziel ist es einleitende informationen für die systematische entwicklung von flexiblen benutzerschnittstellen in der entwicklung bereitzustellen um in das thema einher einzuführen ist es erforderlich übliche fachtermini zu kl ren und voneinander abzugrenzen für die erfolgreiche gestaltung von anwendungen ist es notwendig usability aspekte zu kennen und bereits vor der entwicklung in das design einzuplanen diese arbeit gibt keine ad hoc anleitung wie und an welcher stelle bestimmte elemente auf einer website platziert werden müssen sondern greift ergebnisse aus der usability forschung auf und beleuchtet diese eine priorisierung der usability probleme bildet die brücke von der planung zur entwicklung und evaluation allgemeine software evaluations

methoden und verfahren lassen sich für anwendungen verwenden und geben verbes serungsmöglichkeiten des usability bevor die seite online geht mit der rasanten entwick lung des internets haben sich bereits eigene methoden zur evaluation von internetseiten ent wickelt mit hilfe dieser methoden ist es möglich evaluationstests verteilt über das internet durchzuführen die beachtung der usability aspekte innerhalb der planungsphase und der einsatz von methoden und verfahren in w hrend und nach der entwicklung führen syste matisch zu guter benutzbarkeit von anwendungen und sollen in dieser arbeit vorge stellt werden schlagwörter usability usability engineering jakob nielsen usability aspekte usabil ity testing heuristische evaluation guidelines checklisten experten walkthrough think ing aloud quick card sorting blindtext greeking log file analyse remote usability testing

with an increasing accessibility to social networking tools the development of 2 0 and the emergence of virtual worlds social computing crosses cultural boundaries to join people in the digital landscape social computing concepts methodologies tools and applications uncovers the growing and expanding phenomenon of human behavior social constructs and communication in online environments this multiple volume publication presents the latest research on social change evolving networks media and interaction with technology to offer audiences a comprehensive view of the impact of social computing on the way cultures think act and exchange information

since the first edition of the site usability handbook was published in 2000 there have been numerous changes in the technology world after the dot com bubble burst corporate training and education budgets were cut severely and investment in new technology businesses slowed down but today things have turned around again and behind the scenes at technology companies usability specialists are still quietly working to make the electronic world easier to manage this second edition provides the new insights and guidance needed to help make usability an effective and enjoyable journey every word from the first edition of this book has been revised or at least heavily reconsidered and in many cases whole sections have been removed or rewritten entirely while other sections are completely new to this edition the casual and conversational tone of the fi rst edition has also changed because the current wave of usability specialists embodies a much higher degree of training and knowledge of basic science the goals of the book however have not changed to train those concerned with usability how to understand it as one piece of the large technology puzzle that is affecting and shaping the human and natural worlds usability is an art and a science

but it is also an obligation we have to society accessibility and usability form the foundation of human enabling technology that is technology that serves us rather than technology that we serve everything from understanding the human factors of design and how to generate user centered designs to accessibility usability metrics heuristic evaluation and testing are detailed whether you are a usability professional seeking methods for transforming data into change or a web designer seeking guidance for making your sites easier to navigate you'll find information and practical tools you can apply to your own sites today

information literacy has been identified as a necessary skill for life work and citizenship as well as for academic study for all of us living in today's information society this international collection brings together practitioner and research papers from all sectors of information work it includes case studies and good practice guides including how librarians and information workers can facilitate information literacy from pre school children to established researchers digital literacy and information literacy for citizens

this book uncovers the growing and expanding phenomenon of human behavior social constructs and communication in online environments reflecting on social change evolving networks media and interaction with technology and more provided by publisher

diplomarbeit aus dem jahr 2009 im fachbereich informatik software note 1.0 universität bremen sprache deutsch abstract gegenstand dieser arbeit ist die untersuchung aktueller software evaluationsmethoden insbesondere von usability tests auf die eignung der besonderen verhaltensweisen von webseiten die ajax einsetzen dazu wird ein Überblick über nahezu sämtliche bekannten software evaluationsmethoden gegeben und diese methoden mit zwei verfahren im detail auf die eignung überprüft im ersten verfahren erfolgt eine bewertung der möglichen informationen die mit einer evaluationsmethode gewonnen werden können auf die relevanz für die bewertung von ajax basierten webseiten das zweite verfahren bewertet gemeinsame eigenschaften der verschiedenen methoden wie den anfallenden aufwand bei der auswertung im ergebnis zeigt sich dass bisher keine der verfügbaren methoden für usability tests den anforderungen für die evaluation ajax basierter webseiten gerecht werden kann javascript proxy basierte methoden erreichen jedoch recht gute bewertungen darüber hinaus eignet sich das ergebnis dieser arbeit der bestimmung der effektivität der untersuchten methoden zum schluss der arbeit wird ein entwurf für eine methodenkombination skizziert welche sich für den Einsatz der evaluation von ajax basierten

webseiten eignen könnte

despite the astronomical number of hours invested in developing sites it is quite clear that the vast majority of them are difficult to use to address this issue the author developed a pattern language which he named the usability pattern language or wu which enables these solutions to be linked into sequences this book is the result of that workshop showing the millions of professionals how to avoid common errors and create better sites

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