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Guidelines for the Documentation of Computer Software for Real Time and Interactive Systems Documenting Software Architectures Perspectives on Software Documentation Agile Documentation Writing Software Documentation Documentation of Software Products Software Validation, Verification, Testing, and Documentation Docs for Developers The Soft Side of Software Documenting the Software Development Process Guidelines for the Documentation of Software in Industrial Computer Systems Guideline for Software Documentation Management Guide to the Design and Preparation of Documentation for Users of Application Software How to Write a Computer Manual Documenting Software Architectures Living Documentation Practical Support for ISO 9001 Software Project Documentation Documenting Software Architectures : Views and Beyond Software Development Analysis Documentation Guide to the design and preparation of on-screen documentation for users of application software Perspectives on Software Documentation Information Processing - Guidelines for the Management of Software Documentation Arc42 by Example Software Documentation Docs for Developers Guideline for software documentation Practical Support for CMMI-SW Software Project Documentation Using IEEE Software Engineering Standards Docs Like Code Software Implementation Documentation Software Development Design Documentation How to Document Your Software Not Your Typical Prose Formal Specification and Documentation Using Z American National Standard for Documentation of Computer Software Documenting Software Architectures 15289-2011 Systems and Software Engineering -- Content of Life-cycle Information Products (documentation). AS/NZS 4258:1994 Software Manual Production Simplified Software Documentation Through Automatic Summarization of Source Code Artifacts How to Communicate Technical Information

Guidelines for the Documentation of Computer Software for Real Time and Interactive Systems 1990 software architecture the conceptual glue that holds every phase of a project together for its many stakeholders is widely recognized as a critical element in modern software development practitioners have increasingly discovered that close attention to a software system s architecture pays valuable dividends without an architecture that is appropriate for the problem being solved a project will stumble along or most likely fail even with a superb architecture if that architecture is not well understood or well communicated the project is unlikely to succeed documenting software architectures second edition provides the most complete and current guidance independent of language or notation on how to capture an architecture in a commonly understandable form drawing on their extensive experience the authors first help you decide what information to document and then with guidelines and examples in various notations including uml show you how to express an architecture so that others can successfully build use and maintain a system from it the book features rules for sound documentation the goals and strategies of documentation architectural views and styles documentation for software interfaces and software behavior and templates for capturing and organizing information to generate a coherent package new and improved in this second edition coverage of architectural styles such as service oriented architectures multi tier architectures and data models guidance for documentation in an agile development environment deeper treatment of documentation of rationale reflecting best industrial practices improved templates reflecting years of use and feedback and more documentation layout options a new comprehensive example available online featuring documentation of a based service oriented system reference guides for three important architecture documentation languages uml aadl and sysml

Documenting Software Architectures 2010-10-05 this book is designed to address the randomness of the literature on software documentation as anyone interested in software documentation is aware the field is highly synthetic information about software documentation may be found in engineering computer science training technical communication management education and so on perspectives on software documentation contains a variety of perspectives all tied together by the shared need to make software products more usable

Perspectives on Software Documentation 2020-11-25 software documentation forms the basis for all communication relating to a software project to be truly effective and usable it should be based on what needs to be known agile documentation provides sound advice on how to produce lean and lightweight software documentation it will be welcomed by all project team members who want to cut out the fat from this time consuming task guidance given in pattern form easily digested and cross referenced provides solutions to common problems straightforward advice will help you to judge what details should be left in and what left out when communication face to face would be better than paper or online how to adapt the documentation process to the requirements of individual projects and build in change how to organise documents and make them easily accessible when to use diagrams rather than text how to choose the right tools and techniques how documentation impacts the customer better than offering pat answers or prescriptions this book will help you to understand the elements and processes that can be found repeatedly in good project documentation and which can be shaped and designed to address your individual circumstance the author uses real world examples and utilises agile principles to provide an accessible practical pattern based guide which shows how to produce necessary and high quality documentation

Agile Documentation 2005-01-14 part of the new allyn bacon series in technical communication writing software documentation features a step by step strategy to writing and describing procedures this task oriented book is designed to support both college students taking a course and professionals working in the field teaching apparatus includes complete programs for students to work on and a full set of project tracking forms as well as a broad range of examples including windows style pages and screens and award winning examples from stc competitions

Writing Software Documentation 1998 learn to integrate programming with good documentation this book teaches you the craft of documentation for each step in the software development lifecycle from understanding your users needs to publishing measuring and maintaining useful developer documentation well documented projects save time for both developers on the project and users of the software projects without adequate documentation suffer from poor developer productivity project scalability user adoption and accessibility in short bad documentation kills projects docs for developers demystifies the process of creating great developer documentation following a team of software developers as they work to launch a new product at each step along the way you learn through examples templates and principles how to create measure and maintain documentation tools you can adapt to the needs of your own organization what you ll learn create friction logs and perform user research to understand your users frustrations research draft and write different kinds of documentation including readmes api documentation tutorials conceptual content and release notes publish and maintain documentation alongside regular code releases measure the success of the content you create through analytics and user feedback organize larger sets of documentation to help users find the right information at the right time who this book is for ideal for software developers who need to create documentation alongside code or for technical writers developer advocates product managers and other technical roles that create and contribute to documentation for their products and services

Documentation of Software Products 1977 shows how to produce clear readable documentation so that your company s expensive computer system can be used efficiently and to the fullest explains the benefits of high quality computer documentation then goes on to the mechanics of producing documentation that is clear and concise yet user friendly with the help of intelligently designed illustrations and graphics the goal a more intimate and productive relationship between your people and the computer system can be realized by applying the principles found in the soft side of software to produce computer documentation that works

Software Validation, Verification, Testing, and Documentation 1986 a structured approach to systems development that views the creation of documentation as a combined effort of systems planners analysts programmers and technical writers includes alternatives for each of the documents presented and a chapter on integrating a systems development methodology with case annotation copyrighted by book news inc portland or

Docs for Developers 2021-10-01 computer software text data processing office equipment instructions for use handbooks documents design technical writing technical documents data representation layout typography document maintenance

The Soft Side of Software 1986-01-20 how to communicate technical information ò discusses easy to follow and user friendly ways of organizing information ò demonstrates how to use the art to communicate context multiple options and results ò offers new ways to present

Documenting the Software Development Process 1992 this book addresses how to meet the specific documentation requirements in support of the iso 9001 software process definition documentation and improvement which is an integral part of every software engineering effort provides a set of templates that support the documentation required for basic software project control and management the book provides specific support for organizations that are pursuing software process improvement efforts

Guidelines for the Documentation of Software in Industrial Computer Systems 1985 computer software instructions for use technical writing technical documents handbooks design management data organization data representation data processing software engineering techniques computer programs

Guideline for Software Documentation Management 1984 two unmistakable trends in software documentation emerge from the academic literature of the last few years the first trend is toward usability as the standard for all software documentation the second trend is toward online presentation as the primary preferred medium for software documentation as we shall see this medium allows a number of new interface elements to fall under the broad umbrella of software documentation in fact the evidence of these trends tends to suggest that we need to broaden our definition of software documentation it is toward this broadening that this book inclines this book is designed to address the randomness of the literature on software documentation perspectives on software documentation contains a variety of perspectives all tied together by the shared need to make software products more usable

Guide to the Design and Preparation of Documentation for Users of Application Software 1993-05-15 document the architecture of your software easily with this highly practical open source template key features get to grips with leveraging the features of arc42 to create insightful documents learn the concepts of software architecture documentation through real world examples discover techniques to create compact helpful and easy to read documentation book description when developers document the architecture of their systems they often invent their own specific ways of articulating structures designs concepts and decisions what they need is a template that enables simple and efficient software architecture documentation arc42 by example shows how it s done through several real world examples each example in the book whether it is a chess engine a huge crm system or a cool web system starts with a brief description of the problem domain and the quality requirements then you ll discover the system context with all the external interfaces you ll dive into an overview of the solution strategy to implement the building blocks and runtime scenarios the later chapters also explain various cross cutting concerns and how they affect other aspects of a program what you will learn utilize arc42 to document a system s physical infrastructure learn how to identify a system s scope and boundaries break a system down into building blocks and illustrate the relationships between them discover how to describe the runtime behavior of a system know how to document design decisions and their reasons explore the risks and technical debt of your system who this book is for this book is for software developers and solutions architects who are looking for an easy open source tool to document their systems it is a useful reference for those who are already using arc42 if you are new to arc42 this book is a great learning resource for those of you who want to write better technical documentation will benefit from the general concepts covered in this book

How to Write a Computer Manual 1984 what is the total cost related to deploying software documentation including any consulting or professional services how is the value delivered by software documentation being measured do software documentation rules make a reasonable demand on a users capabilities do we cover the five essential competencies communication collaboration innovation adaptability and leadership that improve an organization s ability to leverage the new software documentation in a volatile global economy are we assessing software documentation and risk this amazing software documentation self assessment will make you the accepted software documentation domain auditor by revealing just what you need to know to be fluent and ready for any software documentation challenge how do i reduce the effort in the software documentation work to be done to get problems solved how can i ensure that plans of action include every software documentation task and that every software documentation outcome is in place how will i save time investigating strategic and tactical options and ensuring software documentation opportunity costs are low how can i deliver tailored software documentation advise instantly with structured going forward plans there s no better guide through these mind expanding questions than acclaimed best selling author gerard blokdyk blokdyk ensures all software documentation essentials are covered from every angle the software documentation self assessment shows succinctly and clearly that what needs to be clarified to organize the business project activities and processes so that software documentation outcomes are achieved contains extensive criteria grounded in past and current successful projects and activities by experienced software documentation practitioners their mastery combined with the uncommon elegance of the self assessment provides its superior value to you in knowing how to ensure the outcome of any efforts in software documentation are maximized with professional results your purchase includes access to the 249 value software documentation self assessment dashboard download which gives you your dynamically prioritized projects ready tool and shows your organization exactly what to do next your exclusive instant access details can be found in your book

Documenting Software Architectures 2003 learn to integrate programming with good documentation this book teaches you the craft of documentation for each step in the software development lifecycle from understanding your users needs to publishing measuring and maintaining useful developer documentation well documented projects save time for both developers on the project and users of the software projects without adequate documentation suffer from poor developer productivity project scalability user adoption and accessibility in short bad documentation kills projects docs for developers demystifies the process of creating great developer documentation following a team of software developers as they work to launch a new product at each step along the way you learn through examples templates and principles how to create measure and maintain documentation tools you can adapt to the needs of your own organization you will create friction logs and perform user research to understand your users frustrations research draft and write different kinds of documentation including readmes api documentation tutorials conceptual content and release notes publish and maintain documentation alongside regular code releases measure the success of the content you create through analytics and user feedback organize larger sets of documentation to help users find the right information at the right time

Living Documentation 2019 software process definition documentation and improvement should be an integral part of every software engineering organization this book addresses the specific documentation requirements in support of the cmmi sw by providing detailed documentation guidance in the form of detailed organizational policy examples an integrated set of over 20 deployable document templates examples of over 50 common work products required in support of assessment activities examples of organizational delineation of process documentation this book provides a set of ieee software engineering standards based templates that support the documentation required for all activities associated with software development projects the goal is to provide practical support for individuals responsible for the development and documentation of software processes and procedures the objective is to present the reader with an integrated set of documents that support the requirements of the cmmi sw levels 2 and 3 this book is meant to both complement and extend the information provided in jumpstart cmm cmmi software process improvement using ieee software engineering standards jumpstart provides a detailed mapping of both the cmm and the cmmi sw to the ieee standards set and provides a logical basis for the material contained within this text it is hoped that this book will provide specific support for organizations pursuing software process definition and improvement for organizations that do not wish to pursue cmmi accreditation this document will show how the application of ieee standards can facilitate the development of sound software engineering practices it also comes with a cd rom

Practical Support for ISO 9001 Software Project Documentation 2006-10-13 looking for a way to invigorate your technical writing team and grow that expertise to include developers designers and writers of all backgrounds when you treat docs like code you multiply everyoneÕs efforts and streamline processes through collaboration automation and innovation second edition now available with updates and more information about version control for documents and continuous publishing

Documenting Software Architectures : Views and Beyond 2010 covers various types of documentation including charts program specifications file descriptions data dictionaries screen images program listings user s manuals report samples

Software Development Analysis Documentation 1990-06-01 internal software documentation the documentation included with the code directly presents the specific requirements design and use of the local code segments internal documentation specifically comments addresses future technical audiences and serves to remind the software engineer of earlier decisions writing to your future self isn t as easy as you think it s part didactic part egotistical but mostly an essential communication tool while computer languages have intuitive and clear syntax they were made for the compilers and not the developer therefore they still need some human interpretation of what it is doing and not what it is writing readable code is an art that has been extensively written about but often these studies have overlooked the documentation of code the writing good comments which are pithy well defined summaries of functions case and conditional statements why is it so important today our world is dominated by rapidly developing technologies that are built on collaboratively developed toolkits apps developed for the iphone or the android platform for example are complex and highly modular building on my own work in creative writing and the emergent field of critical code studies i propose a software study that will examine existing practices connect these practices to the field of technical writing and the digital humanities this thesis presents a conceptual overview and history of code comments a qualitative analysis of comments using provalis research s qda miner software package as used in practice and the interpretation of results from a survey of how programmers think about their coding practices comparing the applied versus perceived software annotation habits i highlight the inconsistencies and lack of understanding of the problem in the computing industry

Guide to the design and preparation of on-screen documentation for users of application software 1996 abstract this report represents a milestone of a work in progress that work is a comprehensive handbook on how to produce high quality documentation for software architectures the handbook tentatively entitled documenting software architectures will be published in early 2002 by addison wesley longman as part of the sei series on software engineering since this report is a snapshot of current work the material described here may change before the handbook is published the theme of the report is that documenting an architecture entails documenting the set of relevant views of that architecture and then completing the picture by documenting information that transcends any single view the audience for documenting software architectures is the community of practicing architects apprentice architects and developers who receive architectural documentation

Perspectives on Software Documentation 1991 program understanding is necessary for most software engineering tasks both internal and external documentation help during this process since they might summarize valuable information about the software system including its purpose programmers assumptions and intentions and design decisions unfortunately software documentation is often missing or is outdated manually creating new documentation and updating the existing documentation as software evolves are demanding tasks our end research goal is supporting developers during software re documentation the central thesis of this dissertation is that automatic approaches can be used to extract summarize and process relevant information from existing software artifacts to generate different types of software documentation useful in software evolution and maintenance we investigate automated software re documentation via the generation of summaries of complex source code artifacts specifically we propose leveraging different techniques and sources of information to

generate summaries of different code artifacts considering the challenges that each one represents our focus is on the generation of documentation of methods classes and code changes towards this dissertation goal we present and empirically evaluate approaches for i automatically generating text based summaries of classes based on code analysis and natural language processing techniques ii automatically generating release notes by combining code summarization techniques software repository mining and code analysis and iii automatically generating code usage examples of methods by combining software repository mining and code analysis we expect that the proposed automated summarization approaches will facilitate evolving and maintaining software systems by reducing the effort and time devoted by developers when re documenting software and by aiding developers when understanding source code
Information Processing - Guidelines for the Management of Software Documentation 1991 in how to communicate technical information you will learn how to write printed and online computer documentation that is simple clear interesting and user friendly technical writers jonathan price and henry korman map out easy to follow methods and include practical tips to help you create hardware and software documentation that is accessible to both beginning and experienced end users how to communicate technical information discusses easy to follow and user friendly ways of organizing information demonstrates how to use the art to communicate context multiple options and results offers new ways to present both quick start options for experienced users and installation instructions presents effective new methods for supplying computer based training cbt including sophisticated graphic and hypertext tours and demonstrations includes information on online help that suggests methods for integrating this feature into your documentation throughout the book the authors share the techniques they present in their popular seminars as they provide straightforward and interesting ways of organizing information price and korman also suggest practical methods for developing good writing styles 0805368299b04062001
Arc42 by Example 2019-10-04
Software Documentation 2018-01-13
Docs for Developers 2021
Guideline for software documentation 2006
Practical Support for CMMI-SW Software Project Documentation Using IEEE Software Engineering Standards 2005-11-11
Docs Like Code 2018-01-13
Software Implementation Documentation 1986
Software Development Design Documentation 1986
How to Document Your Software 1984
Not Your Typical Prose 2016
Formal Specification and Documentation Using Z 1996
American National Standard for Documentation of Computer Software 1995
Documenting Software Architectures 2001
15289-2011 Systems and Software Engineering -- Content of Life-cycle Information Products (documentation). 1994
AS/NZS 4258:1994 1982
Software Manual Production Simplified 2016
Software Documentation Through Automatic Summarization of Source Code Artifacts 1993
How to Communicate Technical Information

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