

Srs Document Example

As Service-Oriented Computing (SOC) gains a wider global acceptance, the need for understanding its life cycle becomes inevitable, not only for developers, but also for users. *Service Life Cycle Tools and Technologies: Methods, Trends and Advances* compiles the latest research on SOC life cycles, detailing methodologies and applications in this emerging field. The development of service-oriented applications not only depends on constructing service providers, but also composition and delivery. Service requesters, service providers, and developers, alike, will benefit from the views and models in a service life cycle. This volume offers research that has been conducted in both industry and academia to address issues in the SOC domain, including service discovery, service composition, and service management. It serves as a vital reference for those on either side of the service field.

An introduction to software engineering with the emphasis on a case study approach in which a project is developed through the course of the book illustrating the different activities of software development. The sequence of chapters is essentially the same as the sequence of activities performed during a typical software project. Similarly, the author carefully introduces appropriate metrics for controlling and assessing the software process. Intended for students who have had no previous training in software engineering, this book is suitable for a one semester course.

Download Ebook Srs Document Example

As requirements engineering continues to be recognized as the key to on-time and on-budget delivery of software and systems projects, many engineering programs have made requirements engineering mandatory in their curriculum. In addition, the wealth of new software tools that have recently emerged is empowering practicing engineers to improve their requirements engineering habits. However, these tools are not easy to use without appropriate training. Filling this need, *Requirements Engineering for Software and Systems, Second Edition* has been vastly updated and expanded to include about 30 percent new material. In addition to new exercises and updated references in every chapter, this edition updates all chapters with the latest applied research and industry practices. It also presents new material derived from the experiences of professors who have used the text in their classrooms. Improvements to this edition include: An expanded introductory chapter with extensive discussions on requirements analysis, agreement, and consolidation An expanded chapter on requirements engineering for Agile methodologies An expanded chapter on formal methods with new examples An expanded section on requirements traceability An updated and expanded section on requirements engineering tools New exercises including ones suitable for research projects Following in the footsteps of its bestselling predecessor, the text illustrates key ideas associated with requirements engineering using extensive case studies and three common example systems: an airline baggage handling system, a point-of-sale system for a large pet store chain, and a system for

Download Ebook Srs Document Example

a smart home. This edition also includes an example of a wet well pumping system for a wastewater treatment station. With a focus on software-intensive systems, but highly applicable to non-software systems, this text provides a probing and comprehensive review of recent developments in requirements engineering in high integrity systems.

The best way to learn software engineering is by understanding its core and peripheral areas.

Foundations of Software Engineering provides in-depth coverage of the areas of software engineering that are essential for becoming proficient in the field. The book devotes a complete chapter to each of the core areas. Several peripheral areas are also explained by assigning a separate chapter to each of them. Rather than using UML or other formal notations, the content in this book is explained in easy-to-understand language. Basic programming knowledge using an object-oriented language is helpful to understand the material in this book. The knowledge gained from this book can be readily used in other relevant courses or in real-world software development environments. This textbook educates students in software engineering principles. It covers almost all facets of software engineering, including requirement engineering, system specifications, system modeling, system architecture, system implementation, and system testing.

Emphasizing practical issues, such as feasibility studies, this book explains how to add and develop software requirements to evolve software systems. This book was written after receiving feedback from several professors

Download Ebook Srs Document Example

and software engineers. What resulted is a textbook on software engineering that not only covers the theory of software engineering but also presents real-world insights to aid students in proper implementation. Students learn key concepts through carefully explained and illustrated theories, as well as concrete examples and a complete case study using Java. Source code is also available on the book's website. The examples and case studies increase in complexity as the book progresses to help students build a practical understanding of the required theories and applications. *Software Quality Assurance in Large Scale and Complex Software-intensive Systems* presents novel and high-quality research related approaches that relate the quality of software architecture to system requirements, system architecture and enterprise-architecture, or software testing. Modern software has become complex and adaptable due to the emergence of globalization and new software technologies, devices and networks. These changes challenge both traditional software quality assurance techniques and software engineers to ensure software quality when building today (and tomorrow's) adaptive, context-sensitive, and highly diverse applications. This edited volume presents state of the art techniques, methodologies, tools, best practices and guidelines for software quality assurance and offers guidance for future software engineering research and practice. Each contributed chapter considers the practical application of the topic through case studies, experiments, empirical validation, or systematic comparisons with other approaches already in practice.

Download Ebook Srs Document Example

Topics of interest include, but are not limited, to: quality attributes of system/software architectures; aligning enterprise, system, and software architecture from the point of view of total quality; design decisions and their influence on the quality of system/software architecture; methods and processes for evaluating architecture quality; quality assessment of legacy systems and third party applications; lessons learned and empirical validation of theories and frameworks on architectural quality; empirical validation and testing for assessing architecture quality. Focused on quality assurance at all levels of software design and development Covers domain-specific software quality assurance issues e.g. for cloud, mobile, security, context-sensitive, mash-up and autonomic systems Explains likely trade-offs from design decisions in the context of complex software system engineering and quality assurance Includes practical case studies of software quality assurance for complex, adaptive and context-critical systems

A classic treatise that defined the field of applied demand analysis, *Consumer Demand in the United States: Prices, Income, and Consumption Behavior* is now fully updated and expanded for a new generation. Consumption expenditures by households in the United States account for about 70% of America's GDP. The primary focus in this book is on how households adjust these expenditures in response to changes in price and income. Econometric estimates of price and income elasticities are obtained for an exhaustive array of goods and services using data from surveys conducted by the Bureau of Labor Statistics, providing a better

Download Ebook Srs Document Example

understanding of consumer demand. Practical models for forecasting future price and income elasticities are also demonstrated. Fully revised with over a dozen new chapters and appendices, the book revisits the original Taylor-Houthakker models while examining new material as well, such as the use of quantile regression and the stationarity of consumer preference. It also explores the emerging connection between neuroscience and consumer behavior, integrating the economic literature on demand theory with psychology literature. The most comprehensive treatment of the topic to date, this volume will be an essential resource for any researcher, student or professional economist working on consumer behavior or demand theory, as well as investors and policymakers concerned with the impact of economic fluctuations.

Solid requirements engineering has increasingly been recognized as the key to improved, on-time, and on-budget delivery of software and systems projects. This textbook provides a comprehensive treatment of the theoretical and practical aspects of discovering, analyzing, modeling, validating, testing, and writing requirements for systems of all kinds, with an intentional focus on software-intensive systems. It brings into play a variety of formal methods, social models, and modern requirements for writing techniques to be useful to the practicing engineer. This book was written to support both undergraduate and graduate requirements engineering courses. Each chapter includes simple, intermediate, and advanced exercises. Advanced exercises are suitable as a research assignment or

Download Ebook Srs Document Example

independent study and are denoted by an asterisk. Various exemplar systems illustrate points throughout the book, and four systems in particular—a baggage handling system, a point of sale system, a smart home system, and a wet well pumping system—are used repeatedly. These systems involve application domains with which most readers are likely to be familiar, and they cover a wide range of applications from embedded to organic in both industrial and consumer implementations. Vignettes at the end of each chapter provide mini-case studies showing how the learning in the chapter can be employed in real systems.

Requirements engineering is a dynamic field and this text keeps pace with these changes. Since the first edition of this text, there have been many changes and improvements. Feedback from instructors, students, and corporate users of the text was used to correct, expand, and improve the material. This third edition includes many new topics, expanded discussions, additional exercises, and more examples. A focus on safety critical systems, where appropriate in examples and exercises, has also been introduced. Discussions have also been added to address the important domain of the Internet of Things. Another significant change involved the transition from the retired IEEE Standard 830, which was referenced throughout previous editions of the text, to its successor, the ISO/IEC/IEEE 29148 standard.

This book is designed for use as an introductory software engineering course or as a reference for programmers. Up-to-date text uses both theory applications to design reliable, error-free software.

Download Ebook Srs Document Example

Includes a companion CD-ROM with source code third-party software engineering applications.

This new edition of the book, is restructured to trace the advancements made and landmarks achieved in software engineering. The text not only incorporates latest and enhanced software engineering techniques and practices, but also shows how these techniques are applied into the practical software assignments. The chapters are incorporated with illustrative examples to add an analytical insight on the subject. The book is logically organised to cover expanded and revised treatment of all software process activities. **KEY FEATURES** • Large number of worked-out examples and practice problems • Chapter-end exercises and solutions to selected problems to check students' comprehension on the subject • Solutions manual available for instructors who are confirmed adopters of the text • PowerPoint slides available online at www.phindia.com/rajibmall to provide integrated learning to the students **NEW TO THE FIFTH EDITION** • Several rewritten sections in almost every chapter to increase readability • New topics on latest developments, such as agile development using SCRUM, MC/DC testing, quality models, etc. • A large number of additional multiple choice questions and review questions in all the chapters help students to understand the important concepts **TARGET AUDIENCE** • BE/B.Tech (CS and IT) • BCA/MCA •

Download Ebook Srs Document Example

M.Sc. (CS) • MBA

Incomplete or missed requirements, omissions, ambiguous product features, lack of user involvement, unrealistic customer expectations, and the proverbial scope creep can result in cost overruns, missed deadlines, poor product quality, and can very well ruin a project. Project Scope Management: A Practical Guide to Requirements for Engineering, Prod

This book aims at providing the necessary knowledge in understanding the concepts of software testing and software quality assurance so that you can take any internationally recognized software testing / quality assurance certification examination and come out with flying colors. Also, equipped with this knowledge, you can do a great job as a testing and quality assurance professional in your career and contribute in developing reliable software for different applications, which in turn improves the quality of life of everyone on this earth.·

Introduction· Software Development Life Cycle and Quality Assurance· Fundamentals of Testing· Testing Levels and Types· Static Testing Techniques· Dynamic Testing and Test Case Design Techniques· Managing the Testing Process· Software Testing Tools· Code of Ethics for Software Professionals

Computer Architecture/Software Engineering

A comprehensive reference manual to the Certified

Download Ebook Srs Document Example

Software Quality Engineer Body of Knowledge and study guide for the CSQE exam.

Learn proven, real-world techniques for specifying software requirements with this practical reference. It details 30 requirement “patterns” offering realistic examples for situation-specific guidance for building effective software requirements. Each pattern explains what a requirement needs to convey, offers potential questions to ask, points out potential pitfalls, suggests extra requirements, and other advice. This book also provides guidance on how to write other kinds of information that belong in a requirements specification, such as assumptions, a glossary, and document history and references, and how to structure a requirements specification. A disturbing proportion of computer systems are judged to be inadequate; many are not even delivered; more are late or over budget. Studies consistently show one of the single biggest causes is poorly defined requirements: not properly defining what a system is for and what it’s supposed to do. Even a modest contribution to improving requirements offers the prospect of saving businesses part of a large sum of wasted investment. This guide emphasizes this important requirement need—determining what a software system needs to do before spending time on development. Expertly written, this book details solutions that have worked in the past, with guidance

Download Ebook Srs Document Example

for modifying patterns to fit individual needs—giving developers the valuable advice they need for building effective software requirements

"If you're looking for solid, easy-to-follow advice on estimation, requirements gathering, managing change, and more, you can stop now: this is the book for you."--Scott Berkun, Author of *The Art of Project Management*

What makes software projects succeed? It takes more than a good idea and a team of talented programmers. A project manager needs to know how to guide the team through the entire software project. There are common pitfalls that plague all software projects and rookie mistakes that are made repeatedly--sometimes by the same people! Avoiding these pitfalls is not hard, but it is not necessarily intuitive. Luckily, there are tried and true techniques that can help any project manager. In *Applied Software Project Management*, Andrew Stellman and Jennifer Greene provide you with tools, techniques, and practices that you can use on your own projects right away. This book supplies you with the information you need to diagnose your team's situation and presents practical advice to help you achieve your goal of building better software. Topics include: Planning a software project Helping a team estimate its workload Building a schedule Gathering software requirements and creating use cases Improving programming with refactoring, unit testing, and version control Managing an outsourced project Testing software Jennifer Greene and Andrew Stellman have been building software together since 1998. Andrew comes from a programming background and has managed teams of requirements analysts, designers, and developers. Jennifer has a testing background and has managed teams of architects, developers, and testers. She has led multiple large-scale outsourced projects. Between the two of them, they

Download Ebook Srs Document Example

have managed every aspect of software development. They have worked in a wide range of industries, including finance, telecommunications, media, nonprofit, entertainment, natural-language processing, science, and academia. For more information about them and this book, visit stellman-greene.com

Disha's bestseller Professional Knowledge for IBPS/SBI Specialist IT Officer Exam is the thoroughly revised and updated 3rd edition of the book. In the new edition the past solved papers of 2012-17 from IBPS and SBI exams have been integrated in the starting of the book to help aspirants get an insight into the examination pattern and the types of questions asked in the past years exams. The book contains 11 chapters and each chapter provides theory as per the syllabi of the recruitment examination. The chapters in the book provides exercises to help aspirants practice the concepts discussed in the chapters. Each chapter in the book contains ample number of questions designed on the lines of questions asked in previous years' Specialist IT Officer Exams. The book covers 2000+ useful questions for Professional Knowledge. The new edition also contains 10 Practice Sets Professional Knowledge (IT) designed exactly as per the latest pattern to boost the confidence of the students. As the book contains enough study material as well as questions, it for sure will act as the ideal and quick resource guide for IBPS/SBI and other nationalised Bank Specialist Officers' Recruitment Examination.

This is the digital version of the printed book (Copyright © 2005). If you develop software without understanding the requirements, you're wasting your time. On the other hand, if a project spends too much time trying to understand the requirements, it will end up late and/or over-budget. And products that are created by such projects can be just as unsuccessful as those that fail to meet the basic

Download Ebook Srs Document Example

requirements. Instead, every company must make a reasonable trade-off between what's required and what time and resources are available. Finding the right balance for your project may depend on many factors, including the corporate culture, the time-to-market pressure, and the criticality of the application. That is why requirements management—gathering requirements, identifying the "right" ones to satisfy, and documenting them—is essential. Just Enough Requirements Management shows you how to discover, prune, and document requirements when you are subjected to tight schedule constraints. You'll apply just enough process to minimize risks while still achieving desired outcomes. You'll determine how many requirements are just enough to satisfy your customers while still meeting your goals for schedule, budget, and resources. If your project has insufficient resources to satisfy all the requirements of your customers, you must read Just Enough Requirements Management.

Practical Support for Lean Six Sigma Software Process Definition: Using IEEE Software Engineering Standards addresses the task of meeting the specific documentation requirements in support of Lean Six Sigma. This book provides a set of templates supporting the documentation required for basic software project control and management and covers the integration of these templates for their entire product development life cycle. Find detailed documentation guidance in the form of organizational policy descriptions, integrated set of deployable document templates, artifacts required in support of assessment, organizational delineation of process documentation.

Each and every chapter covers the contents up to a reasonable depth necessary for the intended readers in the field. The book consists in all about 1200 exercises based on the topics and sub-topics covered. Keeping in view the

Download Ebook Srs Document Example

emerging trends in newly emerging scenario with new dimension of software engineering, the book specially includes the following chapters, but not limited to these only. This book explains all the notions related to software engineering in a very systematic way, which is of utmost importance to the novice readers in the field of software Engineering.

The aim of the book is to lay the foundation in using the popular commercial tools for developing data warehouse in a very short time. With illustrative examples and case studies, the complete process of data warehouse development is explained using Informatica, Cognos, Business Objects and DataStage tools.

The Next Generation Information Technologies and Systems (NGITS) workshop series is a biannual event held in Israel since 1993. Like its predecessors, NGITS'99 brings together active members of the international research community interested in information technology and knowledge based systems. Many of the base technologies in the traditional areas of database management systems, information retrieval, and resource optimization, are being deployed nowadays in novel systems and applications that flourish with the astonishing increase in computational power, storage capacity, communication, and - of course - the advent of the world-wide web. These new fronts, in turn, present an ever growing set of challenges to the technologies, such as data availability, information integrity, and knowledge extraction, fuelling an exciting set of activities. Our workshop clearly reflects this trend, offering a rich sample of the state of the art at the close of the millennium and a glimpse of what is to come in the next one. In response to the call for papers, we received 34 high quality submissions, 22 of which were carefully selected by the Program Committee for presentation at the workshop and inclusion in these proceedings. These

Download Ebook Srs Document Example

include 17 full length papers as well as 5 short papers (that will be accompanied by demonstrations during the workshop). In addition, it is our pleasure to feature two invited talks, given by Professor J. Ullman of Stanford University and IBM Fellow C. Mohan.

"Software Testing: Principles and Practices is a comprehensive treatise on software testing. It provides a pragmatic view of testing, addressing emerging areas like extreme testing and ad hoc testing"--Resource description page.

The new edition of Disha's bestseller Professional Knowledge for IBPS & SBI Specialist IT Officer Exam 4th edition is updated with 2018 Solved Paper, new questions in each test + 5 New Practice Sets. The book contains 11 chapters and each chapter provides theory as per the syllabi of the recruitment examination. The chapters in the book provides exercises to help aspirants practice the concepts discussed in the chapters. Each chapter in the book contains ample number of questions designed on the lines of questions asked in previous years' Specialist IT Officer Exams. The book covers 2000+ useful questions for Professional Knowledge. The new edition also contains 15 Practice Sets designed exactly as per the latest pattern to boost the confidence of the students.

Web search has significantly evolved in recent years. For many years, web search engines such as Google and Yahoo! were only providing search

Download Ebook Srs Document Example

service over text documents. Aggregated search was one of the first steps to go beyond text search, and was the beginning of a new era for information seeking and retrieval. These days, web search engines support aggregated search over a number of verticals, and blend different types of documents (e.g. images, videos) in their search results. Moreover, web search engines have started to crawl and search the hidden web. Federated search (federated information retrieval or distributed information retrieval) has played a key role in providing the technology for aggregated search and crawling the hidden web. The application of federated search is not limited to the web search engines. There are many scenarios such as digital libraries in which information is distributed across different sources/servers. Peer-to-peer networks and personalized search are two examples in which federated search has been successfully used for searching multiple independent collections. Federated Search provides a comprehensive summary of the research done to date, looks at some of the challenges still to be faced, and suggests some directions for future research on this important and current topic.

Software Engineering and Testing
Jones & Bartlett
Learning

The thoroughly Revised & Updated new 6th edition of Professional Knowledge for IBPS & SBI Specialist

Download Ebook Srs Document Example

IT Officer Exam 6th edition is updated as per the new pattern and with latest Solved Paper, new questions in each test + 5 New Practice Sets. The book contains 12 chapters and each chapter provides theory as per the syllabi of the recruitment examination. The chapters in the book provides exercises to help aspirants practice the concepts discussed in the chapters. Each chapter in the book contains ample number of questions designed on the lines of questions asked in previous years' Specialist IT Officer Exams. The book covers 2500+ useful questions for Professional Knowledge. The new edition also contains 15 Practice Sets designed exactly as per the latest pattern to boost the confidence of the students.

Disha's bestseller Professional Knowledge for IBPS/SBI Specialist IT Officer Exam is the thoroughly revised and updated 2nd edition of the book. In the new edition the past solved papers of 2012-16 from IBPS and SBI exams have been integrated in the starting of the book to help aspirants get an insight into the examination pattern and the types of questions asked in the past years exams. The book contains 11 chapters and each chapter provides theory as per the syllabi of the recruitment examination. The chapters in the book provides exercises to help aspirants practice the concepts discussed in the chapters. Each chapter in the book contains ample number of questions

Download Ebook Srs Document Example

designed on the lines of questions asked in previous years' Specialist IT Officer Exams. The book covers 2000+ useful questions for Professional Knowledge. The new edition also contains 3 Practice Sets Professional Knowledge (IT) designed exactly as per the latest pattern to boost the confidence of the students. As the book contains enough study material as well as questions, it for sure will act as the ideal and quick resource guide for IBPS/SBI and other nationalised Bank Specialist Officers' Recruitment Examination.

The book describes how to manage and successfully deliver large, complex, and expensive systems that can be composed of millions of line of software code, being developed by numerous groups throughout the globe, that interface with many hardware items being developed by geographically dispersed companies, where the system also includes people, policies, constraints, regulations, and a myriad of other factors. It focuses on how to seamlessly integrate systems, satisfy the customer's requirements, and deliver within the budget and on time. The guide is essentially a "shopping list" of all the activities that could be conducted with tailoring guidelines to meet the needs of each project.

We live in an age of electronic interconnectivity, with co-workers across the hall and across the ocean, and managing meetings can be a challenge across multiple time zones and cultures. This makes

Download Ebook Srs Document Example

documenting your projects more important than ever. In *Technical Documentation and Process*, Jerry Whitaker and Bob Mancini provide the background and structure to help you document your projects more effectively. With more than 60 years of combined experience in successfully documenting complex engineering projects, the authors guide you in developing appropriate process and documentation tools that address the particular needs of your organization. Features Strategies for documenting a project, product, or facility A sample style guide template—the foundation on which you can build documents of various types A selection of document templates Ideas for managing complex processes and improving competitiveness using systems engineering and concurrent engineering practices Basic writing standards and helpful references Major considerations for disaster planning Discussion of standardization to show how it can help reduce costs Helpful tips to manage remote meetings and other communications First-hand examples from the authors' own experience Throughout, the authors offer practical guidelines, suggestions, and lessons that can be applied across a wide variety of project types and organizational structures. Comprehensive yet to the point, this book helps you define the process, document the plan, and manage your projects more confidently. Learn how to create good requirements when

Download Ebook Srs Document Example

designing hardware and software systems. While this book emphasizes writing traditional “shall” statements, it also provides guidance on use case design and creating user stories in support of agile methodologies. The book surveys modeling techniques and various tools that support requirements collection and analysis. You’ll learn to manage requirements, including discussions of document types and digital approaches using spreadsheets, generic databases, and dedicated requirements tools. Good, clear examples are presented, many related to real-world work the author has done during his career. Requirements Writing for System Engineering advantages of different requirements approaches and implement them correctly as your needs evolve. Unlike most requirements books, Requirements Writing for System Engineering teaches writing both hardware and software requirements because many projects include both areas. To exemplify this approach, two example projects are developed throughout the book, one focusing on hardware and the other on software. This book Presents many techniques for capturing requirements. Demonstrates gap analysis to find missing requirements. Shows how to address both software and hardware, as most projects involve both. Provides extensive examples of “shall” statements, user stories, and use cases. Explains how to supplement or replace traditional requirement

Download Ebook Srs Document Example

statements with user stories and use cases that work well in agile development environments What You Will Learn Understand the 14 techniques for capturing all requirements. Address software and hardware needs; because most projects involve both. Ensure all statements meet the 16 attributes of a good requirement. Differentiate the 19 different functional types of requirement, and the 31 non-functional types. Write requirements properly based on extensive examples of good 'shall' statements, user stories, and use cases. Employ modeling techniques to mitigate the imprecision of words. Audience Writing Requirements teaches you to write requirements the correct way. It is targeted at the requirements engineer who wants to improve and master his craft. This is also an excellent book from which to teach requirements engineering at the university level. Government organizations at all levels, from Federal to local levels, can use this book to ensure they begin all development projects correctly. As well, contractor companies supporting government development are also excellent audiences for this book.

The importance of Software Engineering is well known in various engineering fields. Overwhelming response to my books on various subjects inspired me to write this book. The book is structured to cover the key aspects of the subject Software Engineering. This book provides logical method of explaining

Download Ebook Srs Document Example

various complicated concepts and stepwise methods to explain the important topics. Each chapter is well supported with necessary illustrations, practical examples and solved problems. All the chapters in the book are arranged in a proper sequence that permits each topic to build upon earlier studies. All care has been taken to make students comfortable in understanding the basic concepts of the student. Some of the books cover the topics in great depth and detail while others cover only the most important topics. Obviously no single book on this subject can meet everyone's needs, but many lie to either end of spectrum to be really helpful. At the low end there are the superficial ones that leave the readers confused or unsatisfied. Those at the high end cover the subject with such thoroughness as to be overwhelming. The present edition is primarily intended to serve the need to students preparing for B. Tech, M. Tech and MCA courses. This book is an outgrowth of our teaching experience. In our academic interaction with teachers and students, we found that they face considerable difficulties in using the available books in this growing academic discipline. The authors simply presented the subjects matter in their own style and make the subject easier by giving a number of questions and summary given at the end of the chapter.

This book constitutes the proceedings of the first Asia Pacific Requirements Engineering Symposium,

Download Ebook Srs Document Example

APRES 2014, held in Auckland, New Zealand, in April 2014. The 16 papers presented were carefully reviewed and selected from 30 submissions. The focus of the papers is on the following topics: novel ideas, methods, tools, and techniques for improving and enhancing Requirement Engineering products and processes.

Publisher Fact Sheet A concise, hands-on approach to managing & improving the critical requirements process in software development.

Provides information on how to create custom maps from tools available over the Internet.

[Copyright: d5c9f34b26e8b7fb7c856025a1297d32](#)