P23026

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Type of Project: Revision to IEEE Standard 2001-2002
PAR Request Date: 20-Jun-2012
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Status: PAR for a Revision to an existing IEEE Standard
Root Project: 2001-2002

1.1 Project Number: P23026
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Systems and software engineering - Engineering and management of websites for systems, software, and services information
Changes in title: Recommended Systems Practice and for software the engineering internet - Web Engineering Site and Engineering, management Web of Site websites Management for and systems, Web software, Site and Life services Cycle information

3.1 Working Group: WG23026 Engineering and management of web sites (C/S2ESC/23026)
Contact Information for Working Group Chair
Name: Annette Reilly
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None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Software & Systems Engineering Standards Committee (C/S2ESC)
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Name: Paul Croll
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None

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 12/2012
4.3 Projected Completion Date for Submittal to RevCom: 02/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 10
Changes in scope: Define This recommended International practices Standard (IS) defines system engineering and management requirements for World the Widelife Web cycle page of websites including strategy, design, engineering, testing and validation, and management and sustainment for Intranet and Extranet environments.
This IS applies to those using web technology to present information and communications and technology (ICT) information, such as user documentation for systems and software, life-cycle documentation for systems and software engineering projects, and documentation of policies, plans, and procedures for IT service management. This IS provides requirements for website owners and website providers, managers responsible for establishing guidelines for website development and operations, for software developers and operations and maintenance staff who may be external or internal to the website owner's organization. It applies to websites for public access and for limited access, such as for users, customers, and subscribers seeking information on IT products and services.
The goal of this standard is to improve the usability of informational websites and ease of maintenance of managed Web operations in terms of:
This IS focuses on vendor- and product-independent considerations. It does not include specifications for application development tools, programming languages, metadata tags, or protocols for web page design based on World Wide Web Consortium (W3C(R)) and related industry guidelines. It does not address tools or systems used for management or storage of information content (data, documents) that may be presented on websites. This International Standard does not address the design and architecture of software supporting the Internet.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This document will not include a purpose clause.

5.5 Need for the Project: The increase in use of the World Wide Web for every type of communication, and the accelerating development of new technical protocols, products, and services, for website development and hosting, have both simplified and complicated the engineering and management of websites. Because of the ready availability of commercial website providers, it has become simpler for Information and Communications Technology (ICT) enterprises of all sizes to launch websites to present technical information. The growth in global communities of interest in software, systems, and services has expanded the creation of information from many sources. To a large extent, use of digital communications, particularly those accessible through the Internet or intranets, has supplanted printed publications for conveying technical information. This increase in use of the World Wide Web for every type of communication, and the accelerating development of new technical protocols, products, and services, for website development and hosting, have both simplified and complicated the engineering and management of websites. Because of the ready availability of commercial website providers, it has become simpler for Information and Communications Technology (ICT) enterprises of all sizes to launch websites to present technical information. The growth in global communities of interest in software, systems, and services has expanded the creation of information from many sources. To a large extent, use of digital communications, particularly those accessible through the Internet or intranets, has supplanted printed publications for conveying technical information.

Other factors have also affected the design and operation of websites since the original publication of ISO/IEC 23026-IEEE Std 2001-2002. The increasing sophistication of information security threats to technical enterprises and their information, as well as concerns for the privacy of Internet users, have markedly complicated the process of delivering ICT information over the Web. This revision of ISO/IEC 23026 therefore has increased emphasis on information security and privacy concerns. The diversity of websites for commercial marketing and social networking purposes reflect different interests and media choices from those websites that deliver ICT reference information. This revision of ISO/IEC 23026 applies primarily to websites whose purpose is to deliver information about ICT systems, software, and services. It includes increased emphasis on the human factors concerns for making information easily retrievable and usable for the intended audience. It recommends practices for websites based on World Wide Web Consortium (W3C(R)) and related industry guidelines, which have changed significantly since the original version of this standard. It continues to address the entire life cycle of website strategy, design, and ongoing sustainment that are the responsibility of the website owner.

5.6 Stakeholders for the Standard: This IS applies to those using web technology to present information and communications and technology (ICT) information, such as user documentation for systems and software, life-cycle documentation for systems and software engineering projects, and documentation of policies, plans, and procedures for IT service management. This IS provides requirements for website owners and website providers, managers responsible for establishing guidelines for website development and operations, for software developers and operations and maintenance staff who may be external or internal to the website owner’s organization. It applies to websites for public access and for limited access, such as for users, customers, and subscribers seeking information on IT products and services.
Intellectual Property
6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
Is it the intent to develop this document jointly with another organization?: Yes
   Organization: ISO/IEC JTC1
   Technical Committee Name: Systems and software engineering
   Technical Committee Number: SC7
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8.1 Additional Explanatory Notes (Item Number and Explanation): 1.1 Standard number: Upon completion of the joint revision project, IEEE 2001 is to be withdrawn and replaced by the revised ISO/IEC/IEEE 23026.