

P29119-2

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Type of Project: New IEEE Standard

PAR Request Date: 01-Aug-2011

PAR Approval Date: 10-Sep-2011

PAR Expiration Date: 31-Dec-2015

Status: PAR for a New IEEE Standard

1.1 Project Number: P29119-2

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Software and Systems Engineering--Software Testing--Part 2: Test Process

3.1 Working Group: Working Group for Life Cycle Processes (C/S2ESC/WG_LCP)

Contact Information for Working Group Chair

Name: James Moore

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Software & Systems Engineering Standards Committee (C/S2ESC)

Contact Information for Sponsor Chair

Name: Paul Croll

Email Address: pcroll@csc.com

Phone: 540-644-6224

Contact Information for Standards Representative

None

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 01/2012

4.3 Projected Completion Date for Submittal to RevCom: 02/2014

5.1 Approximate number of people expected to be actively involved in the development of this project: 15

5.2 Scope: This standard covers software testing processes, for use by any organization, project or smaller testing activity (e.g. a maintenance testing activity). Testing processes (both prescriptive and exploratory), that support all software development lifecycle models, including (but not limited to) waterfall, spiral and agile models of development are supported by this standard.

This part, ISO/IEC 29119-2 Test Process, comprises test process descriptions and diagrams that define the software testing processes for use by any organization, project, team or individual. It is assumed that configuration management of all assets required for testing, including testware, is handled by a separate (parallel) process. Therefore, it is not within the scope of this standard.

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 purpose of this project is to support the harmonization of the software and systems engineering standards of IEEE and ISO/IEC JTC 1/SC 7 so that users are free to choose standards from either collection without fear of contradiction. Joint development of this multi-part standard, based, in part on IEEE 829 and IEEE 1008 (see 7.1), will refresh the technology of IEEE software testing standards as well as harmonize with ISO/IEC standards.

5.6 Stakeholders for the Standard: Software engineers, systems engineers, and the organizations that employ them or buy products created by them.

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?: Yes

If Yes please explain: This is one part of a multi-part project that will supersede two IEEE standards.

and answer the following

Sponsor Organization: CS/S2ESC

Project/Standard Number: See below

Project/Standard Date:

Project/Standard Title: IEEE Std 829-2008, IEEE Standard for Software and System Test Documentation
IEEE Std 1008-1987, IEEE Standard for Software Unit Testing

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: Yes

Organization: ISO/IEC JTC 1

Technical Committee Name: Software and systems engineering

Technical Committee Number: SC 7

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8.1 Additional Explanatory Notes (Item Number and Explanation): The new multi-part series, IEEE 29119 parts 1 through 4, in its entirety will replace IEEE 829 and IEEE 1008.