

P1062

Submitter Email: wisseman_stan@bah.com
Type of Project: Revision to IEEE Standard 1062-1993
PAR Request Date: 10-Mar-2008
PAR Approval Date: 19-May-2008
PAR Expiration Date: 31-Dec-2012
Status: PAR for a Revision to an existing IEEE Standard

1.1 Project Number: P1062
1.2 Type of Document: Recommended Practice
1.3 Life Cycle: Full Use

2.1 Title: Recommended Practice for Software Acquisition **Old Title:** IEEE Recommended Practice for Software Acquisition

3.1 Working Group: RP for Software Acquisition Working Group (C/S2ESC/1062_WG)

Contact Information for Working Group Chair

Name: Marcus Hervey
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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
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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: 01/2010

4.3 Projected Completion Date for Submittal to RevCom: 01/2011

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2 Scope: This recommended practice describes a set of useful quality considerations that can be selected and applied during one or more steps in a software acquisition process. The recommended practices can be applied to software that runs on any computer system regardless of the size, complexity, or criticality of the software. The software supply chain may include integration of commercial-off-the-shelf (COTS), custom, or open source software. Each organization or individual using this recommended practice will need to identify the specific quality and activities that need to be included within their acquisition process. Security will be included as a quality attribute considered during the acquisition process.

Old Scope:

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

5.4 Purpose: This recommended practice is designed to help organizations and individuals incorporate quality, including security, considerations during the definition, evaluation, selection, and acceptance of supplier software for operational use. It will also help determine how supplier software should be evaluated, tested, and accepted for delivery to end users. This recommended practice is intended to satisfy the following objectives:

Old Purpose:

Promote consistency within organizations in acquiring software from software suppliers.

Provide useful practices on including quality (including security) considerations during acquisition planning.

Provide useful practices on evaluating and qualifying supplier capabilities to meet user requirements.

Provide useful practices on evaluating and qualifying supplier software.

Assist individuals or organizations judging the quality of supplier software for referral to end users.

5.5 Need for the Project: The current standard needs to reflect issues associated with the software supply chain, refresh on types of software in use, and address security issues in the acquisition process.

5.6 Stakeholders for the Standard: The acquisition community, commercial software vendors, custom application developers, and integrators.

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 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: No

b. Joint Development

Is it the intent to develop this document jointly with another organization?: No

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):