

Once you approve and submit the following information, changes may only be made through the NesCom Administrator.

Draft PAR Confirmation Number:	
Submittal Email: ajosey@opengroup.org	
Type of Project: Revision to an Existing Standard 1003.1-2001	
1.1 Project Number: P1003.1	
1.2 Type of Document: Standard for	
1.3 Life Cycle: Full	
1.4 Is this project in ballot now? No	
2.1 Title of Standard: Information Technology - Portable Operating System Interface (POSIX®)	Old Title: IEEE Information Technology - Portable Operating System Interface (POSIX®)
3.1 Name of Working Group: Austin Joint Working Group	
Contact information for Working Group Chair Andrew Josey Email: ajosey@opengroup.org Phone: 44 118 9508311 x2250	
Contact Information for Working Group Vice Chair Email: Phone:	
3.2 Sponsoring Society and Committee: IEEE Computer Society/Portable Applications (C/PA) Contact information for Sponsor Chair: Lowell G Johnson Email: lgjohnson@rangenet.com Phone: 218-827-2450 Contact information for Standards Representative: Email: Phone:	
3.3 Joint Sponsor:/ () Contact information for Sponsor Chair: Email: Phone: Contact information for Standards Representative:	

Email:

Phone:

4.1 Type of Ballot: Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** 2006-10**4.3 Projected Completion Date for Submittal to RevCom:** 2008-04**5.1 Approximate number of people expected to work on this project:** 100

5.2 Scope of Proposed Standard: The revision will include new work items for additions to the specification, to reflect current practice and knowledge, as proposed by the IEEE, The Open Group or ISO SC22 by July 31st 2006. The revision will review the use of fixed path filenames within the standard, for example the at, batch and crontab utilities that presently have a requirement for use of the directory /usr/lib/. The revision will address issues arising from ISO TR 24715:2006, "Conflicts between POSIX and the LSB". The revision will review features, marked Legacy or obsolescent in the Base documents, and consider them for withdrawal. The revision will consider the options within the standard, and whether its possible to reduce the number of them. Issues raised by Austin Group Interpretations against IEEE Std 1003.1-2001 will be addressed in the revision. Issues raised by Defect Reports as recorded in the Austin Group Aardvark reports and SD/5 (technical issues log) by June 2007 will be addressed in the revision Changes to the standard will be made to make it self-consistent with any new material merged.

Old Scope: 1003.1-1990 and its supplements + 1003.2-1992 plus its supplements + SUSv2 XSH5 + XCU5 + XBD5 + Portability Considerations from 1003.1/1003.2 plus additional rationale and notes from 1003.1 and 1003.2 + amendments to 1003.1/.2 - legacy features - obsolescent features + XNS5.2 & resolutions passed by OGTGnet concerning the included sections of XNS + issues raised by IEEE/ISO Interps against .1/.2 and resolutions passed by OGTGbase concerning the included sections of SUSv2 + harmonization of options vs. feature groups + resolution of XCU text marked OF,OP,PI and UN (on a case by case basis). See the long scope for further detailed information.

5.3 Is the completion of this standard is dependent upon the completion of another standard: No
If yes, please explain:

5.4 Purpose of Proposed Standard: The purpose of the proposed standard is to revise 1003.1-2001 to include additional interfaces that have become widely adopted and to address known issues with the existing standard.

Old Purpose: Provide a single standard addressing the needs of users of all the documents being revised and supported by as much of the overall industry as possible. Address problems discovered during the lifetimes of the current documents. The current standards are approaching ten years or more in age; and this is the promised revision, whose scope is being expanded by including accepted practice based on the contents of the

Single UNIX Specification.

5.5 Need for the Project: This document is supported widely in the industry and these changes will address problems identified during the lifetime of the current document and benefit the users of IEEE Std 1003.1. New features to be introduced will also reflect latest practice in the industry.

5.6 Stakeholders for the Standard: The IT industry at large, as these are foundation standards for many operating systems.

Intellectual Property

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes

If yes, state date: 2006-06-01

If no, please explain:

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

If yes, please explain:

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

If yes, please explain:

7.1 Are there other standards or projects with a similar scope? No

If yes, please explain:

and answer the following: Sponsor Organization:

Project/Standard Number:

Project/Standard Date: 0000-00-00

Project/Standard Title:

7.2 Future Adoptions

Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? Yes

If Yes, the following questions must be answered:

Technical Committee Name and Number: ISO/IEC JTC1 TC1 SC22

Other Organization Contact Information:

Contact person: Sally Seitz

Contact Email address: sseitz@ansi.org

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No

If yes, please explain:

7.4 Additional Explanatory Notes: (Item Number and Explanation)

None.

8.1 Sponsor Information:

If the scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

Submit to NesCom

Save and Come Back Later

Contact the [NesCom Administrator](#)