

The Open Group

Platform Forum

Base Working Group New Work Item Plan

Version 1.1 June 9 2004

1.1. Summary

This document records the list of work items for the Base Working Group for the period 2004-2005. It should be noted that these are proposed items to be investigated and that there may be cases where no consensus can be reached. This document is thus subject to change and further revision.

1.2. Work Items

Reference	Category	Title	Comments
1.2.1	Maintenance	Maintenance of the Single UNIX Specification Version 3	This activity involves addressing defect reports and interpretations raised against the Single UNIX Specification, its constituent technical standards (which include POSIX 1003.1-2001) and the UNIX certification program. Part of this activity is carried out in conjunction with the Austin Group.
1.2.2	New API Extensions	Development of a Thread-aware Locale option group based on Ulrich Drepper's original proposal.	<p>It has been agreed that this is a common problem that all vendors have, and that there is sufficient customer pull to warrant a new work item. Some concern has been aired that the current draft is invention, and thus we are not sure if is ready for immediate standardization. Support exists for this item and the Base Working group has agreed to add it to the work plan.</p> <p>A Base document exists and criteria.</p>

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1.2.3	New API Extensions	Extended Interfaces option group, based on glibc interfaces	<p>The purpose is application capture based on existing industry practise.</p> <p>Support exists for this item and the Base Working group has agreed to add it to the work plan.</p> <p>The next stage of looking at this will need to consider the status of individual items.</p> <p>A Base document exists and criteria.</p>
1.2.4	Harmonization	<p>LSB Harmonization:</p> <p>What, if any, of the differences noted between POSIX and the LSB can be addressed by changes to POSIX to incorporate the alternative behavior.</p>	<p>The LSB is an emerging standard in the Linux space. This effort is part of the continued objective to harmonize between UNIX systems and Linux.</p> <p>Support exists for this item and the Base Working group has agreed to add it to the work plan.</p> <p>A Base document exists and criteria</p>

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1.2.5	New API Extensions	ACL option based on implementations based on POSIX.1e and POSIX.2c	<p>This item proposes an investigation into the ACL parts of the former POSIX.1e and POSIX.2c drafts. It is proposed that since these are being widely implemented, it would be useful to extract these sections and produce an "ACL" option.</p> <p>Support exists for this item and the Base Working group has agreed to add it to the work plan.</p> <p>Base documents exist and criteria</p>
1.2.6	New API Extensions	IDN (international domain name) support in getaddrinfo/getnameinfo	<p>This item is being discussed in the industry and is thus speculative at the moment.</p> <p>If agreement were reached, the Base WG would be interested in considering the output as a new work item.</p>

1.3. Further Information

Further information on the new work items can be obtained from the Single UNIX Specification Plato work area (members-only area). For information on how to join the Base Working Group and/or propose additional work items contact Andrew Josey at The Open Group.