

# ***Product Standard***

**Operating System and Languages:  
UNIX 95**

*The Open Group*

*Copyright © January 1998, The Open Group*

All rights reserved.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the copyright owners.

Motif,<sup>®</sup> OSF/1,<sup>®</sup> UNIX,<sup>®</sup> and the "X Device",<sup>®</sup> are registered trademarks and IT DialTone<sup>™</sup> and The Open Group<sup>™</sup> are trademarks of The Open Group in the U.S. and other countries.

Product Standard

Operating System and Languages: UNIX 95

Document Number: X98XU

Published in the U.K. by The Open Group, January 1998.

Any comments relating to the material contained in this document may be submitted to:

The Open Group  
Apex Plaza  
Forbury Road  
Reading  
Berkshire RG1 1AX  
U.K.

Or by email to:

[OGSpecs@opengroup.org](mailto:OGSpecs@opengroup.org)

---

# ***Product Standard***

---

## **NAME**

UNIX 95

## **LABEL FOR LOGO**

UNIX

## **DESCRIPTION**

This Product Standard provides a consolidated platform for the support of a wide range of applications originally developed for one of the class of operating systems that were derived from the UNIX Operating System code and/or interfaces originally developed by AT&T (the code is now owned by Santa Cruz Operation). These derived operating systems each tended to include vendor-specific extensions which when used by the applications significantly reduced their portability to other systems. The UNIX 95 Product Standard incorporates the most widely used of these extensions into a single platform definition, and facilitates portability of these existing applications across conformant systems from many system vendors.

The UNIX 95 Product Standard includes all the Base 95 Product Standards as a subset.

## **CONFORMANCE REQUIREMENTS**

A single configuration of the system shall meet all of the conformance requirements defined in the following Product Standards, with the X/Open\_UNIX\_Extension Feature Group mandatory in the case of Commands and Utilities:

- Internationalized System Calls and Libraries Extended
- Commands and Utilities V2 (with mandatory conformance to the X/Open\_UNIX\_Extension Feature Group (the *cc* and *c89* extensions)
- C Language
- Transport Service (XTI)
- Sockets
- Internationalized Terminal Interfaces

Except where it would imply the use of language features that require both X/Open Common Usage C and ISO C semantics, a single source program written in X/Open Common Usage C or in ISO C shall be able to use all the services provided by the Portability Interfaces of all those Product Standards.

**OPERATIONAL ENVIRONMENT**

Not applicable.

**PORTABILITY ENVIRONMENT**

Refer to the Product Standards listed in **Conformance Requirements**.

**OVERRIDING STANDARDS**

Refer to the Product Standards listed in **Conformance Requirements**.

**INDICATORS OF COMPLIANCE**

Refer to the Product Standards listed in **Conformance Requirements**.

**MIGRATION**

As the Base 95 definitions are included in the UNIX 95 Product Standard as a pure subset, the situation with respect to migration from an XPG3 Base or a Base system to a UNIX 95 system is identical to that of migrating to a Base 95 system. There are no issues regarding migration from a Base 95 system.