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Guide to the POSIX Open System s Environment

Section 1: General

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1.1 Scope

This guide identifies parameters for an open system environment using the POSIX operating system/application interface as the platform. These parameters are determined in three basic ways:

(1) By specifying building blocks identified as components

Currently these components are: system services, networking, human/computer interaction (HCI), graphics, system security and privacy, database, data interchange, and language requirements. This guide identifies the standards required within each component to achieve the goals of a POSIX open system.

(2) By identifying intra- and intercomponent issues

These issues involve the relationships that should exist between and among the different components. It is in the attempt to lay out and address these relationships that the concept of profiles (see 2.2.2 and Section 6) arises.

(3) By identifying voids

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