Preface

This release letter describes the content of the Cray Research UNICOS 10.0.0.2 update revision to the UNICOS 10.0 major release. It gives a broad overview of new features, enhancements, and changes in the UNICOS 10.0.0.2 release, as well as compatibilities and differences with the previous, UNICOS 10.0.0.1, release.

Conventions

The following conventions are used throughout this document:

Convention	Meaning
`command`	This fixed-space font denotes literal items such as commands, files, routines, path names, signals, messages, and programming language structures.
`manpage`(x)	Man page section identifiers appear in parentheses after man page names. The following list describes the identifiers:

1	User commands
1B	User commands ported from BSD
2	System calls
3	Library routines, macros, and opdefs
4	Devices (special files)
4P	Protocols
5	File formats
7	Miscellaneous topics
7D	DWB-related information
8	Administrator commands

Some internal routines (for example, the `_assign_asgcmd_info`() routine) do not have man pages associated with them.

Convention	Meaning
variable	Italic typeface denotes variable entries and words or concepts being defined.

user input	This bold, fixed-space font denotes literal items that the user enters in interactive sessions. Output is shown in nonbold, fixed-space font.
[ ]	Brackets enclose optional portions of a command or directive line.

The following machine naming conventions may be used throughout this document:

Term	Definition
Cray PVP systems	All configurations of Cray parallel vector processing (PVP) systems.

The default shell in the UNICOS and UNICOS/mk operating systems, referred to in Cray Research documentation as the *standard shell*, is a version of the Korn shell that conforms to the following standards:

- Institute of Electrical and Electronics Engineers (IEEE) Portable Operating System Interface (POSIX) Standard 1003.2–1992

- X/Open Portability Guide, Issue 4 (XPG4)

The UNICOS and UNICOS/mk operating systems also support the optional use of the C shell.

Definitions of Audiences

Chapters 2 and 3 of this release letter list types of users most affected by the described feature or compatibility issue. The following definitions are used for these audiences:

Term	Definition
End user	Those who use the UNICOS operating system, products, applications, or network software.
Programmer	Those who write or modify system or application code for the purpose of solving computer system, scientific, or engineering problems.
Administrator	Those who perform system administration tasks such as installation, configuration, and basic troubleshooting.

System analyst	Those who perform advanced troubleshooting, tuning, and customization.
Operator	Those who perform operational functions or administer the Cray Research system through an operator workstation.

Distribution of This Release Letter

A copy of this release letter is included with the UNICOS 10.0.0.2 update release package; you can also order it separately through the Cray Research Distribution Center. You can access this release overview electronically. ASCII and PostScript files are available on the following systems:

* The Cray Research CRInform system, which is an online information and problem-solving system for Cray Research customers. For more information, see Section 5.3, page 26.

* The Cray Research `craypark` system in the `/home/craypark/release_docs` directory. The `craypark` system is available to Cray Research service personnel.

If you do not have acces to these systems but would like a copy of the files, contact your Cray Research representative.

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