

This manual documents the UNICOS Shared File System (SFS) feature. This manual provides general information for system administrators who manage the operation of any Cray Research computer system running the UNICOS operating system.

Related publications

For detailed information on UNICOS installation procedures, see the following Cray Research, Inc. (CRI) publications:

- *UNICOS Installation Guide for the CRAY EL Series*, publication SG-5201
- *UNICOS Installation/Configuration Menu System User's Guide*, publication SG-2412

For detailed information on UNICOS system administration, see the following Cray Research, Inc. (CRI) publications:

- *General UNICOS System Administration*, publication SG-2301
- *UNICOS Resource Administration*, publication SG-2302
- *UNICOS Configuration Administrator's Guide*, publication SG-2303
- *UNICOS Networking Facilities Administrator's Guide*, publication SG-2304
- *UNICOS NQS and NQE Administrator's Guide*, publication SG-2305
- *Kerberos Administrator's Guide*, publication SG-2306
- *UNICOS Tape Subsystem Administrator's Guide*, publication SG-2307

Ordering Cray Research publications

The *User Publications Catalog*, publication CP-0099, describes the availability and content of all Cray Research hardware and software documents that are available to customers. Cray Research customers who subscribe to the Cray Inform (CRInform) program can access this information on the CRInform system.

To order a document, either call the Distribution Center in Mendota Heights, Minnesota, at +1-612-683-5907, or send a facsimile of your request to fax number

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Customers who subscribe to the CRInform program can order software release packages electronically by using the `Order Cray Software` option.

Customers outside of the United States and Canada should contact their local service organization for ordering and documentation information.

Conventions

The following conventions are used throughout this document:

<u>Convention</u>	<u>Meaning</u>																				
<code>command</code>	This fixed-space font denotes literal items such as commands, files, routines, path names, signals, messages, and programming language structures.																				
<code>manpage(x)</code>	Man page section identifiers appear in parentheses after man page names. The following list describes the identifiers: <table> <tbody> <tr> <td>1</td> <td>User commands</td> </tr> <tr> <td>1B</td> <td>User commands ported from BSD</td> </tr> <tr> <td>2</td> <td>System calls</td> </tr> <tr> <td>3</td> <td>Library routines, macros, and opdefs</td> </tr> <tr> <td>4</td> <td>Devices (special files)</td> </tr> <tr> <td>4P</td> <td>Protocols</td> </tr> <tr> <td>5</td> <td>File formats</td> </tr> <tr> <td>7</td> <td>Miscellaneous topics</td> </tr> <tr> <td>7D</td> <td>DWB-related information</td> </tr> <tr> <td>8</td> <td>Administrator commands</td> </tr> </tbody> </table> <p>Some internal routines (for example, the <code>ddcnt1()</code> routine) do not have man pages associated with them.</p>	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
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<i>variable</i>	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 line.
- ... Ellipses indicate that a preceding command-line element can be repeated.

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

<u>Term</u>	<u>Definition</u>
Cray PVP systems	All configurations of Cray parallel vector processing (PVP) systems, including the following: CRAY C90 series CRAY C90D series CRAY EL series (including CRAY Y-MP EL systems) CRAY J90 series CRAY J90se series CRAY T90 series CRAY Y-MP E series CRAY Y-MP M90 series
Cray MPP systems	All configurations of the CRAY T3E series
All Cray Research systems	All configurations of Cray PVP and Cray MPP systems that support this release

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.

Cray UNICOS Version 9.0 is an X/Open Base 95 branded product.

Reader comments

If you have comments about the technical accuracy, content, or organization of this document, please tell us. You can contact us in any of the following ways:

- Send us electronic mail from any system connected to the Internet, using the following Internet address:

`publications@timbuk.cray.com`

- Contact your Cray Research representative and ask that a Software Problem Report (SPR) be filed. Use PUBLICATIONS for the group name, PUBS for the command, and NO-LICENSE for the release name.
- Call our Software Publications Group in Eagan, Minnesota, through the Customer Service Call Center, using either of the following numbers:
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