

PACKAGE ID - 001044CY00100 BASELIB

KWIC TITLE - A Library of Basic System Functions

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LIMITATION CODE -UNL **AUDIENCE CODE** - UNL

COMPLETION DATE - 01/11/1988 **PUBLICATION DATE** - 11/01/1988

DESCRIPTION - BASELIB is a support library for developing high-level library software. Its design is adaptable to other applications (utility routines, compilers, loaders, large application systems, etc.). BASELIB functions perform commonly-used system and I/O requests available in LTSS operating systems. BASELIB routines are machine dependent; they are closely tied to the machine and operating system for which they were programmed. However, an attempt was made to maintain compatibility and consistency across machines at the BASELIB calling level to provide a common base for moving large software systems across machines. It allows the programmer to structure higher level software in a machine independent fashion. Miscellaneous routines are included to perform character and string manipulation, number conversion, and output-file name generation.

PACKAGE CONTENTS - Media Directory; Software Abstract; LCSD404 Rev. 4;
Media Includes Source Code;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 1 CD Rom

COMPUTER - CRAY1

OPERATING SYSTEMS - CTSS

PROGRAMMING LANGUAGES - CAL (86%) and LRLTRAN (14%)

SOURCE CODE AVAILABLE (Y/N) - Y

REFERENCES - A. Getchell, BASELIB A Set of Basic System Functions for the CDC 7600 and Cray Computers, LCSD-404 Rev.4, August 14, 1986.

ABSTRACT STATUS - Abstract first distributed November 1983. Cray1 version submitted May 1983.

SUBJECT CLASS CODE - P

KEYWORDS -
COMPUTER PROGRAM DOCUMENTATION
B CODES
DISPLAY DEVICES

E S T S C
ENERGY SCIENCE & TECHNOLOGY SOFTWARE CENTER
SOFTWARE ABSTRACT

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EXECUTIVE CODES

EDB SUBJECT CATEGORIES -
990200

SPONSOR - DOE/DP

PACKAGE TYPE - AS - IS