Section 2

HDF Routine Reference

2.1 Reference Section Overview

This section of the Reference Manual contains a listing of every routine contained in the HDF version 4.1r1 library. The pages are organized alphabetically according to the C routine name. Each page addresses one C routine, and the related Fortran-77 routines, and takes the following form:

Routine_Name

return_type function_name(type *parameter1*, type *parameter2*)

parameter1	Definition of the first parameter
parameter2	Definition of the second parameter
. . .	
parameterN	Definition of the Nth parameter

Purpose	Section containing a short description of the routine.
Return value	Section describing the return value, if any, and error conditions.
Description	This optional section details any special circumstances surrounding the use of the routine, identifies any routines that must precede it, and describes any known complications related to the use of it.
Example	This optional section consists of one or more examples of the use of the routine. The examples are generally not complete programs are intended for illustrative purposes only. For complete programs, and further descriptions of the routine, refer to the *HDF User's Guide*.
FORTRAN	This section provides a synopsis of the equivalent Fortran-77 routine or routines.