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 4.1r2 library. For each interface 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(type1 *parameter1*, type2 *parameter2*, ... , typeN *parameterN*)

| | |
|---|---|
| *parameter1* | Definition of the first parameter |
| *parameter2* | Definition of the second parameter |
| . . . | |
| *parameterN* | Definition of the Nth parameter |

| | |
|---|---|
| **Purpose** | Section containing the functionality of the routine. |
| **Return value** | Section describing the return value, if any. |
| **Description** | This optional section describes the proper use of the routine, the specification of the parameters, and any special circumstances surrounding the use of the routine. This section also identifies any prerequisite routines and provides appropriate references. |
| FORTRAN | This section provides a synopsis of the equivalent FORTRAN-77 routine or routines. |