HDF User's Guide

Version 4.1r2 • June 1998

Copyright Notice and Statement for NCSA Hierarchical Data Format (HDF) Software Library and Utilities

Disclaimer

NCSA Contacts

Mail user feedback, bug reports, and questions to:

NCSA Scientific Data Technologies
HDF Group
152 Computing Applications Bldg.
605 E. Springfield Ave.
Champaign, IL 61820-5518

Send electronic correspondence and bug reports to the following:

hdfhelp@ncsa.uiuc.edu

Hardcopy Source

Hardcopies of HDF documentation can be obtained through Fortner Software LLC. They have a Web page where orders may be placed:

http://www.fortner.com/docs/order_form.html

Orders may also be placed by contacting Fortner Software directly at

Fortner Software LLC
100 Carpenter Dr.
Sterling, VA 20164-4464
Sales and Customer Service : [800] 252.6479 or [703] 478.0181
Facsimile : [703] 689.9593

Internet access

HDF is available without charge from the HDF Group's anonymous FTP server:

hdf.ncsa.uiuc.edu

It is also accessible through the HDF Group's World Wide Web home page:

http://hdf.ncsa.uiuc.edu/

Table of Contents

List of Tables

List of Examples

Introduction to HDF

HDF Fundamentals

Scientific Data Sets (SD API)

Vdatas (VS API)

Vgroups (V API)

8-Bit Raster Images (DFR8 API)

24-bit Raster Images (DF24 API)

General Raster Images (GR API)

Palettes (DFP API)

Annotations (AN API)

Single-file Annotations (DFAN API)

Single-File Scientific Data Sets (DFSD API)

Error Reporting

HDF Performance Issues