Appendix A Troubleshooting

Overview

This appendix contains a list of error messages contained within NCSA Reformat/XReformat that you can review while troubleshooting.

In general, messages are divided into three classes: informational, warnings, and errors. Informational messages appear to confirm that the program has completed the designated operation. Warnings indicate that the operation may have failed in part because of a condition beyond the application's control (e.g., file permissions set incorrectly, bad data in an input file, etc.). Error messages usually indicate that a bug exists n the program, and that you should terminate the application. Please report such cases to NCSA (refer to the Bugs page for our address).

The listings below are arranged in alphabetical order and also appear in the `help.txt` included on your distribution tape.

Warning Messages

Message	Description/Meaning/Remedy
Bad color specified in data specification that the program data file.	The data file contains a color file. cannot interpret. Try another
Background color equal to color (using black white). to white, the foreground to	The foreground and the foreground background were set to the same and color. The background will be set black.
Can't allocate requested color table. Try quitting from	There is no more space in the color. another application.
Can't find application database file. ist. Try re-installing it. See more information on this.	The file /usr/lib/X/app-resource defaults/Reformat does not ex- the README and the Makefile for
Can't open input file. Check and protection. grant read permission.	The input file could not be read. name It does not exist or is does not
Can't open output file.Check protection.	The output file could not be name and written. Perhaps the current di-

rectory is unwriteable, or the	file system is full.
Conversion operation failed. program cannot be more has failed. Make sure age.	For some reason (about which the specific) the conversion operation the file actually contains an im-
Couldn't find default font in merged resource database. `.Xdefaults file`. Specify to the `.Xdefaults file`.	The user did not specify a font, and there is no specification in the one on the command line or add one
Couldn't find default geometry resource database. in the .Xdefaults file. Specify	A geometry string was not in merged specified on the command line or one.
Couldn't open specified file. the permissions are	A file could not be opened.Perhaps wrong or the file system is full.
Data in the file does not match specified file type. not of the correct type. type.	The conversion routines can the sometimes tell when a data file is Specify one that is, or change the
File already exists. Overwrite sion denied. No action The user refused to allow the a result, no conversion took	A file with the same name as permis- the output file already exists. taken. program to overwrite the file. As place.
File does not contain a pecting to find a palette in the input file.	A conversion routine was palette. ex- input file, but didn't. Check the
File system error. Check file and protections. put file is readable, and that written to.	There was a problem with a name file. Check to be sure that the in- the output directory can be
Image is too complex. Too color planes. age contains more than 256	HDF supports a palette of 256 many colors for 8-bit images. This im- colors.
Input file correct type, but version. format. In that case the the file, but cannot	There may exist multiple, non-wrong compatible versions of a given file conversion routines can recognize interpret the data.
Input file name doesn't make sense.(Possibly NULL?) spaces or special characters.	The input file name is nonsensical. Check for extra
Input file type not specified. type of data is stored in the input input file type list.	The user did not indicate what file. Click on one of the types in the
Invalid background color. ground does not exist on	The color specified for the back- this X server.

Invalid foreground color. does not exist on	The color specified for the foreground this X server.
Invalid background color. ground does not exist on	The color specified for the back- this X server.
Output file is corrupted! Please report this to NCSA. email about this.	Somehow, bad data was written to the output file. Please send
Output file name doesn't make sense.(Possibly NULL?) spaces or special characters.	The output file name is nonsensical. Check for extra
Output file type not specified. type of data is to be stored in the types in the output file type list.	The user did not indicate what output file. Click on one of the
That action/use is not yet a feature. have not yet been types cannot be converted to	Some actions that the user supported interface might imply are possible implemented. For example, all file all other types.
The dimensions of the image specify an area of zero size. likely corrupted. Try it with that file type.	One or both of the dimensions of the image is zero. The data file is other utilities that understand
There is no colormap in the file. pixel data to actual colors. In fault gray-scale palette.	The input file does not contain input any information relating the this case, Reformat generates a de-
The input file appears to be corrupted. mined) but the data does with other utilities or that file type.	The file is the correct type and version (as far as can be deter- not make sense. Check the file applications that understand
Too many colors. can fit into an HDF	The image requires more colors than palette.
Unable to determine file type. limited set of rules which are put files. This message determined, and the user has	The conversion routines have a used to "guess" the type of the in- appears when that type cannot be not specified a type.
Unrecognized command line specified on the command line line again, and	One or more of the options option. is ill-formed. Check the command examine the documentation.

Error Messages

Message	Description/Meaning/Remedy

Internal error. This never pens. (Please report this NCSA).	This is an indication of a bug hap- in the program. Please let us error to know about this.
Input in incorrect format routine were not what the indication of a bug.	The parameters passed to a routine was expecting. Again, an
No more dynamic memory. of the memory available, yet maybe the swap space on the	NCSA Reformat has consumed all wants more. Could be a bug, but machine should be increased.
Null pointer unexpected. where none was expected. If definitely indicates a bug.	A null pointer was encountered there are no memory problems, this
This machine is not powerful enough to run this program. function properly. Try chine.	There is not enough memory or support hardware for Reformat to running it on a more powerful ma-