Appendix D: Availability of GMT and related code

All the source code, support data, *PostScript* and PDF versions of all documentation, and Unix (including HTML) manual pages can be obtained by anonymous ftp from several mirror sites. We also maintain a GMT page on the World Wide Web (URL: http://www.soest.hawaii.edu /gmt). See this page for a list of active ftp sites. For instructions on how to obtain GMT, send mail to listserver@soest.hawaii.edu containing the single message

information gmtgroup

The listserver will then automatically send you information including the cshell-script install_gmt which you may run to obtain all necessary files and complete the installation. gmtgroup is actually a mailing list to which users of GMT can subscribe. Users on this mailing-list will be notified about bug fixes and upgrades (See Chapter 7).

The GMT tar archives are available both in gzip and bzip2 format. If neither of these utilities are installed on your system, you should know that the former program is available from GNU[1] while the latter can be obtained from its author[2]. bzip2 compresses much better than gzip: for example, the full resolution coastline database is only ~29 Mb in bzip format compared to a hefty ~44 Mb in gzip. These files have the .bz2 suffix.

The GMT archives are as follows:

GMT3.1_progs.tar.{gz,bz2}:	Contains all source code and *PostScript* patterns.
GMT3.1_lib.tar.{gz,bz2}:	Contains the intermediate, low, and crude resolutions of the coastline database. Required with _progs.tar for minimal setup needed to run GMT.
GMT3.1_doc.tar. {gz,bz2}:	Contains all GMT documentation (man files, Cookbook and Technical Reference, web pages, tutorial and short course material).
GMT3.1_full.tar. {gz,bz2}:	Contains the optional full-resolution coastline database.
GMT3.1_high.tar. {gz,bz2}:	Contains the optional high-resolution coastline database.
GMT3.1_scripts.tar. {gz,bz2}:	Contains all the shellscripts and support data used in the Cookbook section.
GMT3.1_suppl.tar. {gz,bz2}:	Contains several programs written by us and GMT users elsewhere. (See Appendix A for more details).
GMT_win32bin.zip:	ZIP archive with all binaries for Win32 platforms and default distribution of coastline data.

The netCDF library that makes up the backbone of the grdfile I/O operations can be obtained from Unidata. A compressed tar file can be accessed (in binary mode) from the file netcdf.tar.Z in the anonymous FTP directory of unidata.ucar.edu (Internet 128.117.140.3). The software distribution includes a *PostScript* file of the netCDF User's Guide, and there is also online documentation from their web site. [A mailing list, netcdfgroup@unidata.ucar.edu, is available for discussion of the netCDF interface and announcements about netCDF bugs, fixes, and enhancements. To subscribe, send a request to netcdfgroup-adm@unidata.ucar.edu]. Precompiled libraries for WIN32 are also available (and are needed with GMT_win32bin.zip).

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[1] www.gnu.org
[2] www.muraroa.demon.co.uk