

Third Party Conversion Software for the JPL Ephemeris

C-versions of the software

There are various contributed C-versions of the reading routines. All responsibility for these resides with their authors, and all questions pertaining to their use must be directed to the authors themselves.

The first is from Kourosch Arfa-Kaboodvand at the Technical University of Darmstadt; it is in the file, "/ftp/pub/ephem/export/C-versions/kourosch", and is described by the README in that file.

The second comes from David Hoffman. It also has a "README" and is found in the file, "/ftp/pub/ephem/export/C-versions/hoffman".

There is also a set of C-based software by Dr. Piotr Dybczynski of the Astronomical Observatory in Poznan, Poland. He has developed C versions of ASC2EPH and TESTEPH programs which are fully compatible with Fortran on PC-based machines so they can use the same binary files under both DOS and LINUX. He has also developed software for converting the JPL Unix binary files into DOS/LINUX ones. For further information about this C-version contact: Dr. Piotr A. Dybczynski; Internet: dybol@phys.amu.edu.pl ftp: //ftp.astro.amu.edu.pl, IP: 150.254.66.60

FITS version of the software

There is a FITS version of the ephemeris software, now available from Arnold Rots of NASA's Goddard Space Flight Center. The directory contains a 00README along with the ephemerides in FITS format plus ANSI standard C code. The ftp site is ftp://heasarc.gsfc.nasa.gov/xte/calib_data/clock/bary