

Journées 2013 Systèmes de référence spatio-temporels

Authoritative Tools & Standard Models

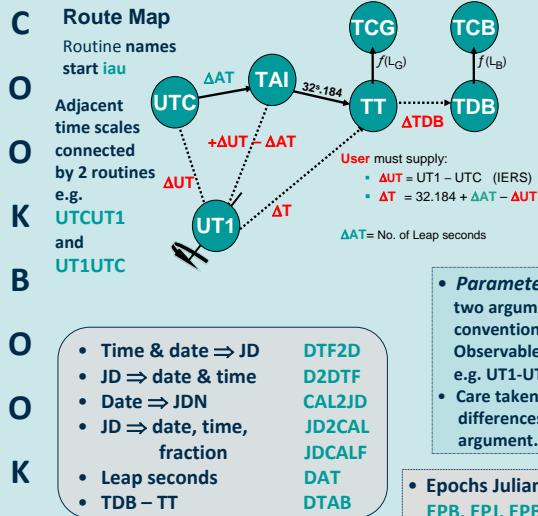
Paris Observatory
2013 September 16-18

SOFA is an IAU Division A Working Group that provides a library of building blocks of fundamental astronomy routines (186) in Fortran & ANSI C. The SOFA library is authoritative, constructed with great care, practical, accessible and supported.

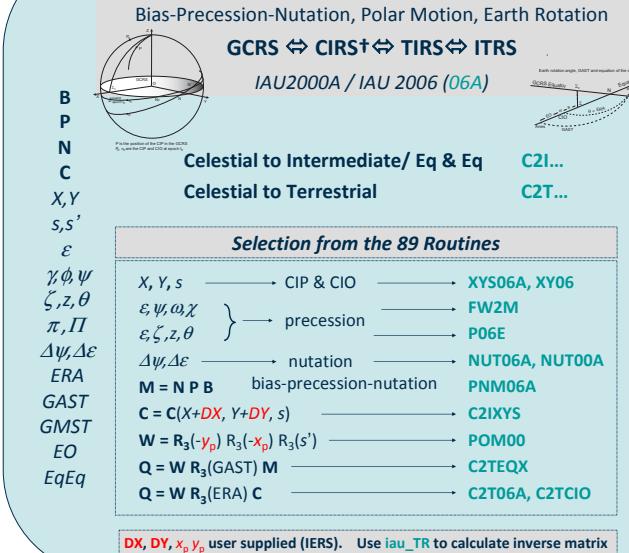
59 canonical routines delivering IAU Standards, such as IAU 2006 precession, IAU 2000A nutation and other IAU Resolutions, at for example, IAU's in 1976, 1980, 1994, 2000, 2006.

<http://www.iausofa.org>

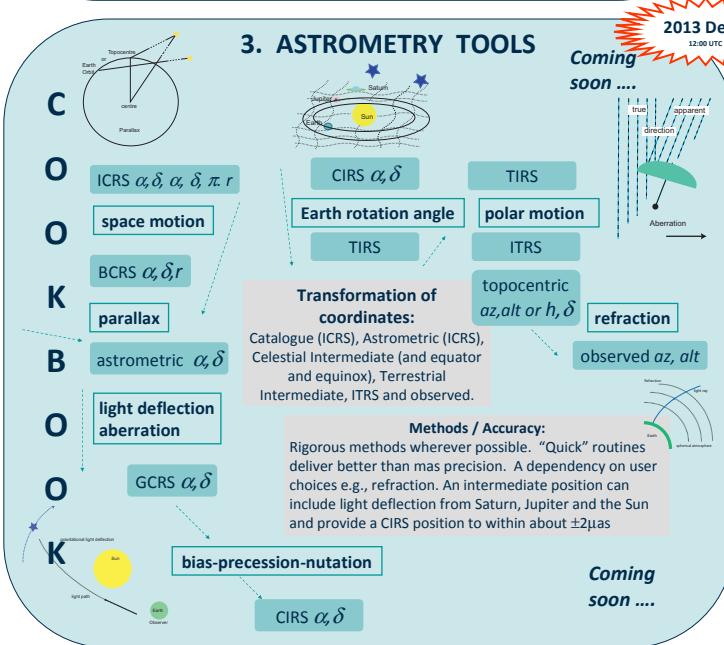
1. TIME SCALE & CALENDAR TOOLS



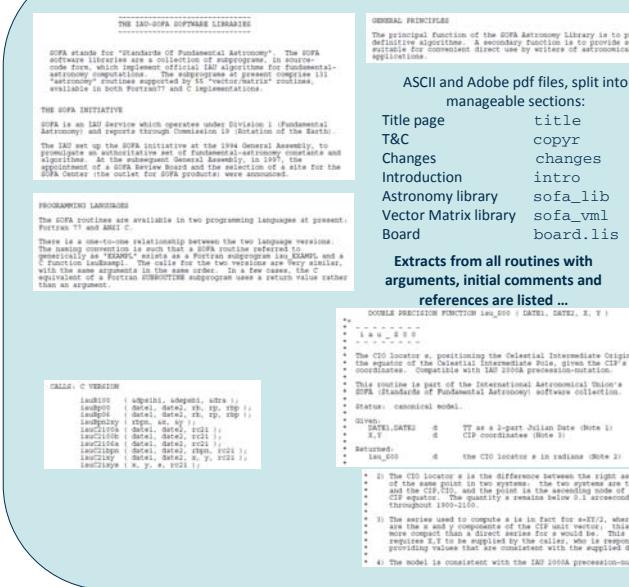
2. TOOLS FOR EARTH ATTITUDE



3. ASTROMETRY TOOLS



4. THE MANUAL



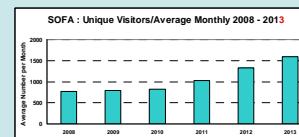
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ANSI C 2463
Fortran 2034



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