The HEASARC Graphical User Interface

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An OSF/Motif-based graphical user interface has been developed to
facilitate the use of the database and data analysis software packages
available from the High Energy Astrophysics Science Archive Research
Center (HEASARC). It can also be used as an interface to other,
similar, routines. A small number of tables are constructed to
specify the possible commands and command parameters for a given set
of analysis routines. These tables can be modified by a designer to
affect the appearance of the interface screens. They can also be
dynamically changed in response to parameter adjustments made while
the underlying program is running. Additionally, a communication
protocol has been designed so that the interface can operate locally
or across a network. It is intended that this software be able to run
on a variety of workstations and X terminals.