NAME
    fits−dump−hdr − dump FITS keywords

SYNTAX
    fits-dump-hdr *options filename*

DESCRIPTION
    fits-dump-hdr reads a header from a FITS file and outputs it in a variety of formats.

OPTIONS AND ARGUMENTS
    Options are specified using a getopt style interface. Long names are available when preceded with double
    hyphens "−−", in which case only the minimal number of characters are required. Options which take
    values may be separated from those values with the "=" character.

    −−fmt *format*
        The output format. run

            fits-dump-hdr --fmt=list

        to list the available formats.

    −−ext|−e *extension*
        The extension to dump, either an integer or an extension name.

    −−key|−k *spec*
        Specify a keyword pattern or filter. This option may be repeated, and allows one to build up a
        complex set of filters.

        fits-dump-hdr process the −−*key* options in sequence, building up a list of header keywords.
        Specifying a pattern adds it to the list. Filters are used to remove items from the list.

        If the first −−**key** option specifies a filter, the list is initialized with all of the possible header keywords.
        Otherwise, keywords are added by specifying keyword patterns.

        A pattern may have one of the following forms:

        keyword
            The exact name of the keyword. Case is not significant.

                -k tstart -k TSTOP

        glob
            A wildcard expression (also known as a glob) as used by shells.

                -k 'tst*'

        /regular expression
            A Perl regular expression.

                -k '/tst.*'

        A filter is a pattern which begins with a − or +. If −, items which match the pattern are removed. If a
        +, items which match the pattern are kept (all others are removed).

        Keywords are case insensitive. By default all interesting keywords are shown. See also
        --show-uninteresting.

    −−show−uninteresting | −U
        By default "uninteresting" (i.e. COMMENT and HISTORY) keywords are not output if the output
        keyword list is initially populated with all of the keywords in the FITS header. Specifying this option
        enables output of these keywords.

    −−lc
        Lower-case the keyword names upon output.

−−pfx *string*
> A string with which to prefix output keywords.

−−output|−o *output file*
> Where to write the output. By default it is written to the standard output stream.
>
> If the file name contains a `%` it is assumed to be a `sprintf` compatible format and is used to create a new file for every HDU, with the zero-based HDU index as the formatted data. For example
>
> ```
> foo_%0d.rdb
> ```
>
> Would generate
>
> ```
> foo_01.rdb foo_02.rdb ...
> ```

−−version
> Output **fits-dump-hdr**'s version information and exit.

−−help
> Output abbreviated help information and exit.

−−man
> Output the full manual and exit.

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