

NAME

spline_convert_format - converts between spline deformation file formats

SYNOPSIS

```
spline_convert_format [I<option>=I<value>]
```

Options:

```
input    input file
output    output file
output_format  ascii|fits|new_binary|old_binary|rdm_dfm
```

DESCRIPTION

spline_convert_format reads a spline deformation file and converts it to another (possibly the same) format. The RMS spline deformation amplitude is written to standard error.

OPTIONS

spline_convert_format uses an IRAF-compatible parameter interface.

input *input file*

This parameter specifies the name of the file/stream for the input spline deformation file. If the filename is the string `stdin`, it reads UNIX standard input. The file format is auto-recognized; the file format can be the `ascii` format, the `old_binary` format, the `new_binary` format, or a spline FITS file. Currently, the input file can NOT be an `rdm` file.

output *output file*

This parameter specifies the name of the file/stream for the output spline deformation file. If the filename is the string `stdout`, it writes to UNIX standard output. The format of the output file is specified by the option **output_format**.

output_format: *string*

This parameter specifies the format of the output file.

`ascii`

old `ascii` spline file format.

`old_binary`

old binary spline file format (Fortran unformatted file).

`new_binary`

new binary spline file format (C binary stream).

`rdm_dfm`

/RDB table; the columns are the array indices indicating theta and z, the theta and z coordinates, and the deformation amplitude.

`fits`

FITS spline file

help *yes|no*

Print out a simple help message and exit.

version *yes|no*

Print out **spline_convert_format**'s version and exit.

debug *list*

A list of debug flags. None available yet.

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AUTHOR

T. Gaetz