

**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|rdb_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 `rdb` 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).

`rdb_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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## **VERSION**

This documents version 1.1.2 of **spline\_convert\_format**.

## **AUTHOR**

T. Gaetz