

**NAME**

bp-save-history - save bpipe field history

**DESCRIPTION**

**bp-save-history** operates on **bpipe** formatted data streams.

It saves history by transforming scalar fields into one dimensional arrays (stacks), and duplicating the current value of the field onto the stack. If a field is already a one-dimensional array, it does not increase its dimensionality.

Note that if the intrinsic datum stored in a field has non-zero dimensionality, **bp-save-history** cannot handle it, and will exit with error. It assumes that all one-dimensional arrays are history stacks of zero dimension data.

**PARAMETERS**

**bp-save-history** uses an IRAF-compatible parameter interface.

The following parameters are available:

**input** *file*

Input ray stream. If the filename is the string `stdin`, it reads the UNIX standard input stream.

**output** *file*

Output ray stream. If the filename is the string `stdout`, it writes to the UNIX standard output stream.

**fields** *float*

A comma separated list of fields to save. If **fields** is set to **%all**, all fields are saved.

**version** *boolean*

Print out **bp-save-history**'s version and exit.

**help** *boolean*

Print out help and exit.

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