

*AHELP for CIAO 3.4*

## dmpaste

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## Synopsis

Add new columns to a table.

## Syntax

```
dmpaste infile pastefile outfile [clobber] [verbose] [kernel]
```

## Description

``dmpaste'` copies `infile` to `outfile`, pasting on extra columns from the `pastefile`, which may be a single file or a stack of files. Column names in the `pastefile` cannot duplicate names in the input file. All files must have the same number of rows. Analogous to the unix ``paste'` command.

## Example 1

```
dmpaste "data1.fits[EVENTS]" "data2.fits[EVENTS][cols tg_r,tg_d]"
data3.fits
```

This pastes extra columns `tg_r`, `tg_d` from `data2.fits` onto the columns already present in `data1.fits`, making a new file `data3.fits`.

## Example 2

```
dmpaste "data1.fits[EVENTS]" data2.fits data3.fits
```

This pastes all the columns from `data2.fits` onto the `data1.fits` table.

## Example 3

```
dmpaste "data1.fits[EVENTS][cols -pha]" "data2.fits[EVENTS][cols pha]"
data3.fits
```

Replace the pha column in data1.fits by the one in data2.fits.

## Parameters

name	type	ftype	def	min	max	reqd
<u>infile</u>	file	input				yes
<u>pastefile</u>	file	input				yes
<u>outfile</u>	file	output				yes
<u>clobber</u>	boolean		no			
<u>verbose</u>	integer		0	0	5	
<u>kernel</u>	string		default			

## Detailed Parameter Descriptions

**Parameter=infile (file required filetype=input)**

*Input file name*

The input file used as the basis for the new file. The output file will contain all columns from the input file and the header from the input file.

**Parameter=pastefile (file required filetype=input)**

*Input paste file list*

All the columns in pastefile will be pasted on to infile. If pastefile is a stack, the columns from all the files in the stack will be used.

**Parameter=outfile (file required filetype=output)**

*output file name.*

The output file containing a version of infile with the extra columns appended.

**Parameter=clobber (boolean default=no)**

*Clobber existing files?*

Used to specify whether to clobber output file if it already exists.

**Parameter=verbose (integer default=0 min=0 max=5)**

Amount of diagnostic chatter, 0 (least) to 5 (most).

**Parameter=kernel (string default=default)**

*Output format*

Used to specify output file kernel, by default the same as the input file format.

## Bugs

See the [bugs page for this tool](#) on the CIAO website for an up-to-date listing of known bugs.

## See Also

*dm*

[dmcols](#), [dmfiltering](#), [dmopt](#)

*tools*

[dmappend](#), [dmarfadd](#), [dmgroup](#), [dmgti](#), [dmjoin](#), [dmmerge](#), [dmsort](#), [dmtcalc](#), [dmtype2split](#)

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URL:  
<http://cxc.harvard.edu/ciao3.4/dmpaste.html>  
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