

# bufr\_copy

## DESCRIPTION

Copies the content of BUFR files printing values of some keys. If the name of the output\_bufr\_file contains a key enclosed in square brackets, its value will be used.

## USAGE

bufr\_copy [options] bufr\_file bufr\_file ... output\_bufr\_file

## OPTIONS

**-f**

Force. Force the execution not to fail on error.

**-p key[:{s|d|i}],key[:{s|d|i}],...**

Declaration of keys to print. For each key a string (key:s), a double (key:d) or an integer (key:i) type can be requested. Default type is string.

**-s key[:{s|d|i}]=value,key[:{s|d|i}]=value,...**

Key/values to set. For each key a string (key:s), a double (key:d) or an integer (key:i) type can be defined. By default the native type is set.

**-P key[:{s|d|i}],key[:{s|d|i}],...**

As -p adding the declared keys to the default list.

**-w key[:{s|d|i}]=value,key[:{s|d|i}]=value,...**

Where clause. Only BUFR messages matching the key/value constraints are copied to the output\_bufr\_file. For each key a string (key:s), a double (key:d) or an integer (key:i) type can be defined. Default type is string. Note: only one -w clause is allowed.

**-V**

Version.

**-W width**

Minimum width of each column in output. Default is 10.

**-g**

Copy GTS header.

**-7**

Does not fail when the message has wrong length

**-X offset**

Input file offset in bytes. Processing of the input file will start from "offset".

**-v**

Verbose.

## bufr\_copy examples

1. To copy only the SYNOP messages from a file

```
> bufr_copy -w dataCategory=0 in.bufr out.bufr
```

2. To copy only the non-SYNOP messages from a file

```
> bufr_copy -w dataCategory!=0 in.bufr out.bufr
```

3. Use the square brackets to insert the value of a key in the name of the output file.

```
> bufr_copy in.bufr 'out_[dataCategory].bufr'
```