

Utility cp2mvs V1.0

This z/OS UNIX utility cp2mvs allows to copy data into an MVS data set or a member of an MVS PDS or PDSE data set. Different than standard cp it allocates the PDS as shared by default. If a PDS is accessed already shared standard cp fails while cp2mvs is able to run successfully as shown next from a z/OS UNIX shell environment.

Using cp2mvs from a z/OS UNIX shell environment

PDSE 'HERING.TEST.PDS5' is already allocated shared somewhere else.

```
$> cp .setup "'hering.test.pds5(dsetup)'"
cp: FSUM6259 target file "'hering.test.pds5(dsetup)'" : EDC5061I An error
occurred when attempting to define a file to the system.
$> cp2mvs
Syntax: cp2mvs ussfile mvs_dsn [ mvs_disp ]
ussfile - Source z/OS UNIX file - cannot contain blanks
mvs_dsn - Target z/OS MVS data set
          Name without single quotes will be prefixed with the userid.
          For UNIX enclose single quoted names in a pair of double quotes.
          Specify dd:ddname to address a ddname.
mvs_disp - MVS DISP for temp. allocations; default depends.
$> cp2mvs .setup "'hering.test.pds5(dsetup)'"
$>
```

Using a ddname in a BPXBATCH job

If you can do the copy processing in a job, following an alternative based on a specific technique to specify the target location.

```
//COPY      EXEC PGM=BPXBATSL,PARM='PGM /bin/sh -c $STDIN|sh'
//STDIN      DD DATA,DLM=##
cp -v .setup "'dd:mvsdsn(dsetup)'"
RC=$?; if test $RC -ne 0; then echo Rc=$RC; exit 1; else exit 0; fi
##
//STDENV     DD DATA,DLM=##
STDIN=/bin/cat //dd:STDIN
_BPX_SHAREAS=MUST
_EDC_ADD_ERRNO2=1
##
//MVSDSN     DD DSN=HERING.TEST.PDS5,DISP=SHR
//STDOUT      DD SYSOUT=*,LRECL=260,RECFM=VB
```

Notes...

- The job is provided according to ccsid 1047.
- The setting _BPX_SHAREAS=MUST is needed to assure that we keep staying in the initial asid when cp is running. Otherwise we would loose the ddname MVSDSN and cp would fail.

Following the output in case of a successful run.

```
.setup -> HERING.TEST.PDS5(dsetup) : text
```