NAME

cat_clim_ecmwf.sh - build ECMWF climatology file

SYNOPSYS

```
cat_clim_ecmwf.sh
```

DESCRIPTION

Build ECMWF climatology file of relative humidity ++using mean daily file by year and reduce geographical domain ++to [60 ° W, 50 ° E] [30 ° S, 45 ° N].

EXAMPLES

To build ECMWF climatology :

```
$ cat_clim_ecmwf.sh
```

FILES

original location

/usr/home/fplod/incas/varamma/varamma_ws/src/cat_clim_ecmwf.sh sur aedon.locean-ipsl.upmc.fr

COMMENTS

If yearmin and yearmax are the same one can compare input and output files like this:
  For yearmin=yearmax=2000

```
$ cdo diffv ${VARAMMA_ID}/++_ng.nc \
           ${VARAMMA_OD}/ecmwf.day.mean_climato_ng.nc
```

There must be a difference because 2000 is a leap year.
For yearmin=yearmax=2001

```
$ cdo diffv ${VARAMMA_ID}/ecmwf.day.mean_2001_ng.nc \
           ${VARAMMA_OD}/ecmwf.day.mean_climato_ng.nc
```

There must be no difference on values of ecmwf and info fields ++ à vérifier

SEE ALSO

EVOLUTIONS

++ unset
  ++ option debug/verbose
  ++ gestion log
  ++ vérification accès filein
  ++ pb levels operationel vs reanalyse
  ++ 29 février
  $Id: cat_clim_ecmwf.sh 2 2008-12-18 16:56:52Z pinsard $

- fplod 2008-11-20T09:36:58Z aedon.locean-ipsl.upmc.fr (Darwin)
  - creation from /homedata/eymard/scripts/script_cat_clim_ECMWF3d