saclh(1)

Name

saclh - print some or all header values from a SAC file

Synopsis

saclh [**-vV**] [**--help**] [**-h**=*<headerList>*[,*<headerList>*...]]... [*<sacfileList>*...]

Description

print some or all header values from a SAC file

View source code here.

SAC Manual

SAC file format

Options

-h, --headers=*<headerList>*[,*<headerList>*...]
    Headers to print

--help
    display a help message

-v, --verbose
    Verbose

-V, --version
    Print version and exit

Arguments

[*<sacfileList>*...]
    SAC files

Examples

Print the all headers for a SAC file.

```
> saclh CO.JSC.00.HHZ.M.2021.061.000000.SAC

CO.JSC.00.HHZ.M.2021.061.000000.SAC
--------------------------------

    delta =        0.01    depmin =      -12345    depmax =       -12345     scale =
503735424    odelta =      -12345
        b =      0.0004         e =     59.9904         o =      -12345         a =
-12345       fmt =      -12345
       t0 =      -12345        t1 =      -12345        t2 =      -12345        t3 =
-12345        t4 =      -12345
       t5 =      -12345        t6 =      -12345        t7 =      -12345        t8 =
-12345        t9 =      -12345
        f =      -12345      resp0 =      -12345      resp1 =      -12345      resp2 =
-12345     resp3 =      -12345
    resp4 =      -12345      resp5 =      -12345      resp6 =      -12345      resp7 =
-12345     resp8 =      -12345
    resp9 =      -12345       stla =     34.2818       stlo =    -81.2597       stel =
103       stdp =           0
     evla =      -12345       evlo =      -12345       evel =      -12345       evdp =
-12345       mag =      -12345
    user0 =      -12345      user1 =      -12345      user2 =      -12345      user3 =
-12345     user4 =      -12345
    user5 =      -12345      user6 =      -12345      user7 =      -12345      user8 =
-12345     user9 =      -12345
     dist =      -12345         az =      -12345        baz =      -12345      gcarc =
-12345        sb =      -12345
   sdelta =      -12345     depmen =      -12345      cmpaz =           0     cmpinc =
0  xminimum =      -12345
 xmaximum =      -12345   yminimum =      -12345   ymaximum =      -12345    unused6 =
-12345   unused7 =      -12345
  unused8 =      -12345    unused9 =      -12345   unused10 =      -12345   unused11 =
-12345  unused12 =      -12345
   nzyear =        2021     nzjday =          61     nzhour =           0      nzmin =
0     nzsec =           0
   nzmsec =           8      nvhdr =           6      norid =      -12345      nevid =
-12345      npts =        6000
   nsnpts =      -12345      nwfid =      -12345     nxsize =      -12345     nysize =
-12345  unused15 =      -12345
   iftype =           1       idep =      -12345     iztype =      -12345  unused16 =
-12345     iinst =      -12345
   istreg =      -12345     ievreg =      -12345     ievtyp =      -12345      iqual =
-12345    isynth =      -12345
  imagtyp =      -12345    imagsrc =      -12345   unused19 =      -12345   unused20 =
-12345  unused21 =      -12345
 unused22 =      -12345   unused23 =      -12345   unused24 =      -12345   unused25 =
-12345  unused26 =      -12345
    leven =           1     lpspol =      -12345     lovrok =      -12345     lcalda =
-12345  unused27 =      -12345
    kstnm =     JSC        kevnm =                    -12345                  khole =    00
       ko =     -12345        ka = =      -12345        kt0 =     -12345        kt1 =
```

```
-12345
     kt2 =    -12345      kt3 = =   -12345          kt4 =   -12345          kt5 =
-12345
     kt6 =    -12345      kt7 = =   -12345          kt8 =   -12345          kt9 =
-12345
      kf =    -12345    kuser0 = =   -12345        kuser1 =   -12345        kuser2 =
-12345
   kcmpnm =     HHZ      knetwk = =    CO          kdatrd =   -12345         kinst =
Velocity
```

Print the a and kstnm headers for a SAC file.

```
> saclh -h b,kstnm CO.JSC.00.HHZ.M.2021.061.000000.SAC
CO.JSC.00.HHZ.M.2021.061.000000.SAC:      b =     0.0004     kstnm =   JSC
```