
Subject: VMS PVwave 3.10 - ASSOC variables and FORTRAN
Posted by [Hugh D.R. Evans](#) on Wed, 29 Jul 1992 09:34:48 GMT
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Hello,

I am trying to establish several ASSOC variables for unformatted FORTRAN files under VMS.

The fortran files have sequential organisation and variable length records (maximum length 82 bytes).

The equivalent PVwave record structure used is:

```
point = {orbit_point,      $
         Time: DOUBLE( 0.0), $
         long: DOUBLE( 0.0), $
         lat : DOUBLE( 0.0), $
         height: DOUBLE( 0.0), $
         POS : DBLARR( 3),    $
         VEL : DBLARR( 3)    $
        }
```

By opening the file (as specified in the manual) using:

WAVE> openu,1,'filename',/segmented ; the use/ommission of /seg has no effect.

WAVE> s = ASSOC(1,point)

WAVE> print,s

% Invalid file organization for ASSOC.

% Execution halted at \$MAIN\$.

The manual does mention that *UNIX* unformatted fortran files are incompatible with the ASSOC function, but no mention is made of the *VMS* unformatted fortran files.

Any help with this problem would be greatly appreciated.

Many Thanks,
Hugh

ESTEC * Inet: hevans@estwm8.dnet.estec.esa.nl
P.O. Box 299 * or hevans@estec.esa.nl
2200 AG Noordwijk * SPAN: ESTCS1::HEVANS
The Netherlands * BITNET: HEVANS@ESTEC
