

Procedure INCLUDE

1 Goal

It is a question of inserting a succession of orders which will be carried out *almost* such as they are written. There is no possibility of passing from the arguments, and thus any possibility of instantiation of variables.

2 Syntax

```
INCLUDE      (  ♦ / UNIT = U      ,                [I]
               / DATA = file      [TXM]
               ♦ INFORMATION =     / 1      ,                [DEFECT]
               / 2      ,
               )
```

3 Operands

Except the site of the file included, operation is strictly identical with UNIT or DATA.

3.1 Operand UNIT

UNIT = U

Logical unit of the file to be included. It is essential to explicitly assign this number to a file within the interface `astk`. This file will be recopied in the repertoire of execution under the name `fort.u`.

Notice

One cannot use INCLUDE with a logical unit associated with a file name with `DEFI_FICHIER`. If necessary, one can use `DONNEE=fichier`.

3.2 Operand DATA

DATA = file

This keyword, rather intended to be used in the CAS-test, makes it possible to include a file stored in the repertoire of "external data".

The site of this repertoire is given with the installation. In general it is about a named repertoire `datg` in the repertoire of the version.

The file included will be thus: `chemin_vers_datg/file`

This operation with an off-set file, makes it possible to diffuse the file `.comm` of a test except a small portion who will contain for example data not divulguables.

3.3 Operand INFORMATION

◇ INFORMATION = / 1, [DEFECT]
/ 2,

1 pas d' impression of the contents of the file included.

2 impression of the contents of the file included, in the file 'MESSAGE'

Note:

It is possible that the file called also contains procedures INCLUDE. There is no limit on the number of INCLUDE in cascade.

4 Example of use

- Main file of orders:

```
BEGINNING ()
INCLUDE (UNITE=91, INFORMATION = 2)
Mo = AFPE_MODELE ( GRID = my,
                  AFPE = _F ( TOUT=' OUI',
                              PHENOMENE=' MECANIQUE',
                              MODELISATION=' 3D' ) )

INCLUDE (UNITE=92, INFO= 1)
END ()
```

- Command file attached to unit 91

```
my = LIRE_MALLAGE ()
```

- Command file attached to unit 92

```
lbew = DEFI_FONCTION ( NOM_PARA = 'INST',
                     VALE = ( 0.0 , -0.19949,
                               0.01000, -0.25487,
```

```
    # etc...  
  ) )
```