

---

## 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.  
Only the results of the orders are *exported* in the principal command set, not the other objects. For example, a function Python defined in a formula could not be used in a formula.

Precaution: It is disadvised using the order TO DESTROY in a INCLUDE. Indeed, the total analysis of the command file by the supervisor before the execution itself of those can pose problem after suppression of a concept.

## 2 Syntax

---

```
INCLUDE      (  ♦ /  UNIT = U      ,                [I]
                /  DATA = file      [TXM]
                ♦  INFORMATION =    /  0      ,
                  /  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 = / 0,  
    / 1,          [DEFECT]  
    / 2,  
  
0    pas d' impression of the contents of the file included.  
1    impression of the contents of the file included, in the file 'MESSAGE'  
2    identical to 1 (this value exists by convention)
```

## 4 Example of use

---

- Main file of orders:

```
BEGINNING ()  
INCLUDE (UNITE=91, INFORMATION = 1)  
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_MAILLAGE ()
```

- Command file attached to unit 92

```
lbew = DEFI_FONCTION ( NOM_PARA = 'INST',  
                      VALE = ( 0.0 , -0.19949,  
                               0.01000, -0.25487,  
                               # etc...  
                      ) )
```