

Operator TO DESTROY

1 Goal

Destroying concepts users or directly JEVEUX objects .

After destruction, the concept cannot thus be called upon naturally more behind a simple key word of the following commands.

The use of this procedure allows a later re-use of the names of the destroyed concepts. The destruction of concepts (which results in the destruction of the JEVEUX objects constituting data structures) makes it possible to prepare a reduction of the obstruction of the files associated with the "TOTAL" base. The mechanism of retassage is dealt with by the manager of memory during work. However, another mechanism of retassage can be started by the user using the key word RETASSAGE = "OUI" within procedure FIN [U4.11.02].

2 Syntax

```
TO DESTROY
(
  /◇CONCEPT = _F (
    ◆NOM = lco, [l_co]
  ),
  /◇OBJET= _F (
    ◆CHAINE = lco, [l_TXM]
    ◆POSITION = ipos, [I]
    ◇CLASSE = /"G", [DEFAULT]
              / "V",
  ),
  ◇INFO = 1,
          /2,
)
)
```

3 Operands

3.1 Key word CONCEPT

/ \diamond CONCEPT =

Means that one destroys concepts users.

3.1.1 Operand NOM

\blacklozenge NOM = lco

List of the names of concept to be destroyed.

3.2 Key word OBJET

/ \diamond OBJET =

Means that one destroys JEVEUX objects while reaching directly by a character string located at the position `ipos` contained in the names of the objects. This makes it possible to destroy objects stored in base JEVEUX and associated with inaccessible names of concept.

3.2.1 Operand CHAINE

\blacklozenge CHAINE = lco

Character string presents in the names of the JEVEUX objects to destroy.

3.2.2 Operand POSITION

\diamond POSITION = ipos

Position of the character string in the names of the JEVEUX objects to be destroyed.

3.2.2.1 Operand CLASSE

\diamond CLASSE =

Makes it possible to select the base on which the objects will be destroyed. By default the value is "G", it corresponds to the global database , "V" corresponds to VOLATILE data base .

3.3 Operand INFO

\diamond INFO = information

If `INFO=2`, the list of the destroyed objects are printed in the message file .

4 Example

One creates a list of realities of name F

```
f=DEFI_LISTE_REEL ( ... )
```

One destroys the concept of name F

```
TO DESTROY (CONCEPT = _F (NOM = F, ), )
```

One can re-use the name F for another concept

```
f=DEFI_FONCTION (...)
```

5 Remarks

This procedure must be used with prudence, indeed certain data structures (field at node-classification, field by element-models, etc...) the ones are based on the others, it is thus dangerous to destroy the associated concept.

When a concept is removed, its name is destroyed space of names python and the related jeux objects (prefixed by the name of the concept) are destroyed in the global database.

During computations with the loops with a large number of iterations (parametric study...), it can be very advantageous to destroy the concepts not employed again from one iteration to another in order to preserve the size of the global database.