Title: Procedure FIN
Translated by: Dharmit Thakore
Revision: P1

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Procedure `FIN`

Usage

Finish the work started by one of the commands 'DEBUT' or 'POURSUITE'..

The call to this procedure is compulsory. The command file just needs to have an ending with the following:

```
FIN();
```

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Syntax

```
FIN (
     ◇FORMAT_HDF = /  'NON',                          [DEFAULT]
                   /  'OUI',
     ◇UNITE =      /  6,                              [DEFAULT]
                   /  numfic,                         [I]
     ◇RETASSAGE =  /  'OUI',
                   /  'NON',                          [DEFAULT]
     ◇INFO_RESU =  /  'OUI',                          [DEFAULT]
                   /  'NON',
     );
```

Operands

Command FIN saves all the concepts that are calculated during the execution in the file glob.1 (and possibly glob.2,... if necessary), as well as all the python objects which are in the context of execution in the file pick.1. These objects will be available for a POURSUITE of computation, if required.

Note:
   Python objects of the type classified and type function are not saved in the pick.1

Operand FORMAT_HDF

```
     ◇FORMAT_HDF = /  'NON',                          [DEFAULT]
                   /  'OUI',
```

This operand allows to write GLOBALE data base in a file with format HDF (Hierarchical Data Format). HDF file can be read on various 32 bit and 64 bit platforms. The base file will be built originally (the length of the records will be preserved).

Operand UNITE

```
     ◇UNITE =      /  6,                              [DEFAULT]
                   /  numfic,                         [I]
```

This operand allows to redefine the logical unit of printing of information produced by INFO_RESU.

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Operand RETASSAGE

```
◇RETASSAGE =  /  'OUI',
              /  'NON',                          [DEFAULT]
```

This operand causes the retassage of base GLOBALE before writing on the associated file. This makes it possible to preserve smaller bases (removed from the objects associated with the concepts destroyed by the user)

This retassage is carried out as follows by the command:
- closing of the bases
- opening of base GLOBALE
- opening of base VOLATILE
- re-copies non-empty record by non-empty record of base GLOBALE on basis of VOLATILE
- renaming by the code of this base VOLATILE for backups as it i were conventional base GLOBALE

Operand INFO_RESU

```
◇INFO_RESU =  /  'OUI',                         [DEFAULT]
              /  'NON',
```

Allows printing of information relating to the contents of all the data structures result stored in GLOBALE data base in the file defined under the keyword FICHIER

Example of Printing result from command FIN

the example below is extracted from file MESSAGE associated with the case test TTNL02A.

```
# -------------------------------------------------------------------------
# ORDERS NO: 0026 CONCEPT OF TYPE:
# ------------- -----------------
FIN (RETASSAGE='NON',
 INFO_RESU='OUI',
 FORMAT_HDF='NON',
 UNITE=6,
 )
======>
STRUCTURE OF CONCEPT TEMPE CALCULE FOR 15 SEQUENCE NUMBERS
LISTE OF SYMBOLIC NAMES:
! ----------! ----------------! ---------------!
! NUME_ORDRE !      TEMP       !    HYDR_ELGA   !
! --------- ! ----------------! ---------------!
!     0     !     TEMP_R      !     HYDR_R     !
!     1     !     TEMP_R      !               !
!        …!              … !               !
!     9     !     TEMP_R      !               !
!     10    !     TEMP_R      !     HYDR_R     !
```

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```
!    28     !      TEMP_R    !                 !
!        …!                …  !                 !
!    118    !      TEMP_R    !                 !
! --------- ! ---------------! ---------------!
```

LISTE OF THE NAMES OF VARIABLES OF ACCES:

 INST OF TYPE R

LISTE OF THE NAMES OF PARAMETERS:

```
! ----------! --------------! --------------! -------------! --------------!
! NUME_ORDRE !   MODELE    !   CHAMPMAT   !  CARAELEM   !   EXCIT      !
! --------- ! --------------! --------------! -------------! --------------!
!     0     !    K8       !    K8        !    K8       !    K24       !
!     1     !    K8       !    K8        !    K8       !    K24       !
!        …!            … !            … !           … !            … !
!    118    !    K8       !    K8        !    K8       !    K24       !
! --------- ! --------------! --------------! -------------! --------------!
```