

Namelist "Statistical_Field_Listing"

This data set defines the statistical fields of the physical quantities that the user want to record as results of simulation.

The recording rate is defined with the variable "Field_Recording_Rate" that belongs to the namelist "Simulation_Management".

The files of statistical fields are formatted in binary. They are named on the form res_XXXXXX_yyyy.d. 'yyyy' is the subdomain number for simulations based on the MPI domain-decomposition approach, 'XXXXXX' is the file number.

Don't forget to set the boolean data "End_of_Data_Block" at the end of the namelist. The value is ".false." by default. A ".true." value means the end of the data set when several namelists are used to define several records of statistical fields.

Name_of_Field

- Type : String of six characters (maximum)
- This data names the physical quantity to record. This name must match with the lookup table of the code which is composed of 18 pre-selected physical quantities.
- In order to record any new statistical field, please contact the developer (yann.fraigneau@limsi.fr_to_removed).

Recording_Enabled

- Type : Boolean value
- The record of the statistical field is activated (if .true.)

End_of_Data_Block

- Type: Boolean value
- This means the end of the data set when ".true." is set.

From:

<https://sunfluidh.limsi.fr/> - Documentation du code de simulation numérique SUNFLUIDH

Permanent link:

https://sunfluidh.limsi.fr/sunfluidh:statistical_fields_listing_namelist_setup?rev=1479051456

Last update: **2016/11/13 16:37**

