

Namelist "Statistical_Fields_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.

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

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