ESLProfileStart

%ESLProfileStart function

Function	The function enables/disables profiling of the ESL script execution.
Declaration	```%ESLProfileStart(BOOL in init) ```

Parameters	**init** | @TRUE - enables the acquisition of debugging information. @FALSE - disables the acquisition of debugging information and writes the intermediate data.

Description

At the moment of calling the function **%ESLProfileStart**(@TRUE), all lines executed in all running ESL scripts begins to record.

After calling the function **%ESLProfileStart**(@FALSE), data of the scripts is to be recorded in the file *Esl. script_name_instance_id.profiler* (e.g. *Esl.e.myscript_1250.profiler*) in the subdirectory **\Log** of the [installation directory](#) and the acquisition of debugging information is stopped.

The **%ESLProfileStart** function can be called again with the @TRUE parameter and the debugging information can be acquired again.

Format of written data:

line; count; line duration; action duration; action status; line text; ActionType; Use Pragma ;DataSize ;Use PragmaRPC; DataSizeRPC

line	The row number.
count	The number of row repetitions.
line duration	The total duration of row execution.
action duration	The duration when inactive action waits for execution of the required activity.
action status	Signalizes the status of action used.
line text	The text of the executed line.
ActionType	It is defined if a synchronous action %HI_* is executed on the line..
Use Pragma	It is defined if the action [PRAGMA](#) was used.
DataSize	The size of data that have not been copied among the procedures in one ESL script when using PRAGMA.
Use Pragma RPC	It is defined if PRAGMA was used for RPC procedures.
DataSize RPC	The size of data that have not been copied among RPC procedures of ESL scripts on the same event handler if PRAGMA was used for RPC procedures.

If some of the scripts is terminated or picture is closed before calling of the **%ESLProfileStart**(@FALSE) the file **.profiler* will be generated immediately.
This mechanism works only for the scripts that were initiated when the debug variable *DBG.ACTIONS. ENABLE_PROFILE_INFO* had been running. It is disabled by default.
At the start of process it may be activated by parameter */E+DBG.ACTIONS.ENABLE_PROFILE_INFO* on the command line, or when the process is run by [D2000 System Console](#).

ⓘ **Related pages:**

[ESL extended functions](#)
[Function arguments - types](#)