

Profile Summary (Total time: 103.195 s)

Generated 11-Jun-2024 24:39:47 using performance time.

Function Name	Calls	Total Time (s) [↓]	Self Time* (s)	Total Time Plot (dark band = self time)
mainFLUID	1	103.195	0.155	
SolverNavierStokes	1	101.028	89.095	
assemblyC	119	11.846	5.168	
AssemblyUGlobal	119	6.652	6.652	
addpath	6	0.725	0.015	
path	6	0.708	0.613	
ReadMeshFileStr_MULT	2	0.555	0.028	
ReadInputDataFile_v	1	0.457	0.015	
ComputeKGF	1	0.416	0.016	
ReadUntCount	6	0.324	0.324	
AssemblyMethodBCB	1	0.252	0.059	
ReadInputDataFile_p	1	0.169	0.006	
leer_fichero_colum	6	0.162	0.162	
AssemblyBGlobal	1	0.138	0.138	
GidPostProcess2DV	1	0.137	0.011	
GidMesh2DFE	2	0.113	0.112	
general\private\parsedirs	12	0.089	0.088	
ComputeBelemALL	1	0.082	0.037	
AssemblyNGlobalV	1	0.055	0.055	
genpath	20	0.052	0.045	
ConvertBlockDiag	2	0.043	0.006	
num2str	202	0.042	0.011	
GidPostProcess2DP	1	0.035	0.004	
ListOfNodesLINE	5	0.032	0.004	
AssemblyNIB	1	0.032	0.023	
GidResults2DFEV	1	0.032	0.030	
NodesFacesLinesGID	5	0.028	0.021	
ComputeElementShapeFun	6	0.027	0.009	
ConvertCmatSparseMatrix	2	0.026	0.026	
num2str>handleNumericPrecision	154	0.026	0.002	
FdisCOMP	1	0.024	0.005	
ComputeNelemALLV	1	0.024	0.016	
num2str>convertUsingRecycledSprintf	154	0.024	0.024	
QtransfBvect	18	0.023	0.023	
unique	17	0.013	0.009	
FdisElem	223	0.013	0.008	
string_strcat	1	0.013	0.006	
DefineElastMatGLO	1	0.012	0.011	
GidResults2DFEP	1	0.011	0.010	
IndicesCtang	2	0.011	0.011	
RemoveREpeatedConnectivities	2	0.010	0.002	
ComputeNelemALL	1	0.009	0.002	
WriteAuxFdNamesNEW	2	0.009	0.004	
ReadUntilToken	16	0.009	0.005	
Quadrilateral9NinPoints	3	0.008	0.005	

AssemblyNGlobalP	1	0.008	0.008	
strcat	8	0.008	0.008	
ObtInfMsh	6	0.008	0.004	
cell2mat	16	0.008	0.008	
fullfile	19	0.007	0.005	
cell.strcat	1	0.007	0.006	
inverseTRANSvectorize	9	0.007	0.007	
FindInArgOUT	8	0.007	0.005	
ReadNodesMsh	1	0.006	0.005	
Quadrilateral9NInPointsPressure	2	0.006	0.004	
ChangeCoordBnd	669	0.005	0.005	
int2str	48	0.005	0.005	
determinant(VECTORIZE)	9	0.005	0.005	
strtok	76	0.005	0.002	
DetermineWeightsST	9	0.005	0.005	
split	6	0.005	0.004	
VarArgInInput	2	0.005	0.001	
unique>uniqueR2012a	17	0.004	0.004	
ElemBnd	2	0.004	0.004	
Linear3NInPoints	1	0.003	0.003	
strtok>doStrtok	76	0.003	0.003	
...^2).*(y-1/2).x.*(x+1).*(-y).,(1-x.^2).*(y+1/2).x.*(x-1).*(-y).,(1-x.^2).*(-2*y)]	27	0.003	0.003	
COORDallELEM	1	0.002	0.002	
str2num	12	0.002	0.001	
EndStrInCell	8	0.002	0.002	
general\private\catdirs	6	0.002	0.002	
fullfile>ensureTrailingFilesep	19	0.002	0.001	
setfield	4	0.002	0.002	
cellstr	1	0.001	0.001	
...+1).*(1-y.^2)/2.,(1-x.^2).*(y+1)/2.x.*(x-1).*(1-y.^2)/2.,(1-x.^2).*(1-y.^2)]	27	0.001	0.001	
str2num>protected_conversion	12	0.001	0.001	
fullfile>addTrailingFileSep	19	0.001	0.001	
squeeze	16	0.001	0.001	
fullfile>refinePath	19	0.001	0.001	
strfun\private\isTextStrict	6	0.001	0.001	
pathsep	38	0.001	0.001	
kron	1	0.001	0.001	
...ressure>@(x,y)0.25*[(1-x).*(1-y).,(1+x).*(1-y).,(1+x).*(1+y).,(1-x).*(1+y)]	18	0.001	0.001	
...Pressure>@(x,y)0.25*[-(1-y).,(1-y).,(1+y).-(1+y).-(1-x).-(1+x).,(1+x).,(1-x)]	18	0.000	0.000	
blanks	8	0.000	0.000	
path>isValidInput	12	0.000	0.000	
Linear3N	3	0.000	0.000	

*Self time is the time spent in a function excluding any time spent in child functions. The time includes any overhead time resulting from the profiling process.