Profile Summary (Total time: 124.917 s)

Function Name	Calls	Total Time (s) ⬇	Self Time* (s)	Total Time Plot (dark band = self time)
mainFLUID	1	124.917	0.127	
SolverNavierStokes	1	122.705	110.115	
assemblyC	90	12.467	5.344	
AssemblyUGlobal	90	7.103	7.103	
ReadMeshFileStr_MULT	2	0.677	0.022	
addpath	6	0.549	0.015	
path	6	0.532	0.449	
ReadInputDataFile_v	1	0.530	0.006	
ComputeKGF	1	0.490	0.008	
ReadUntCount	22	0.406	0.406	
AssemblyMethodBCB	1	0.335	0.071	
leer_fichero_colum	14	0.218	0.218	
AssemblyBGlobal	1	0.200	0.200	
ReadInputDataFile_p	1	0.194	0.004	
GidPostProcess2DV	1	0.187	0.008	
GidMesh2DFE	2	0.147	0.146	
AssemblyNGlobalV	1	0.084	0.084	
ComputeBelemALL	1	0.077	0.037	
general\private\parsedirs	12	0.076	0.076	
GidResults2DFEV	1	0.065	0.063	
GidPostProcess2DP	1	0.051	0.003	
ConvertBlockDiag	2	0.048	0.002	
genpath	20	0.043	0.038	
AssemblyNIB	1	0.042	0.031	
string.strcat	1	0.034	0.006	
ComputeNelemALLV	1	0.033	0.021	
num2str	161	0.033	0.009	
ConvertCmatSparseMatrix	2	0.033	0.033	
ListOfNodesLINE	5	0.028	0.003	
cell.strcat	1	0.028	0.026	
QtransfBvect	18	0.027	0.027	
NodesFacesLinesGID	5	0.025	0.020	
ComputeElementShapeFun	6	0.021	0.009	
num2str>handleNumericPrecision	119	0.020	0.002	
num2str>convertUsingRecycledSprintf	119	0.018	0.018	
FdisCOMP	1	0.016	0.004	
GidResults2DFEP	1	0.015	0.013	
DefineElastMatGLO	1	0.015	0.014	
IndicesCtang	2	0.013	0.013	
ComputeNelemALL	1	0.010	0.003	
AssemblyNGlobalP	1	0.010	0.010	
FdisElem	320	0.010	0.005	
strcat	8	0.009	0.009	
ReadUntilToken	40	0.008	0.004	
unique	22	0.008	0.005	

ObtInfMsh	14	0.007	0.002	
Quadrilateral9NInPoints	3	0.007	0.005	
inverseTRANSvectorize	9	0.006	0.006	
RemoveREpeatedConnectivities	2	0.006	0.002	
cell2mat	17	0.006	0.006	
strtok	212	0.006	0.002	
fullfile	19	0.005	0.003	
DetermineWeightsST	9	0.005	0.005	
WriteAuxFdNamesNEW	2	0.005	0.002	
ChangeCoordBnd	960	0.005	0.005	
FindInArgOUT	8	0.004	0.003	
int2str	42	0.004	0.004	
strtok>doStrtok	212	0.004	0.004	
determinantVECTORIZE	9	0.004	0.004	
Quadrilateral9NInPointsPressure	2	0.003	0.002	
VarArgInInput	2	0.003	0.001	
ElemBnd	2	0.003	0.003	
str2num	28	0.003	0.001	
ReadNodesMsh	1	0.003	0.003	
COORallELEM	1	0.003	0.003	
unique>uniqueR2012a	22	0.002	0.002	
general\private\catdirs	6	0.002	0.002	
cellstr	1	0.002	0.002	
split	6	0.002	0.002	
…^2).*(y-1/2),x.*(x+1).*(-y),(1-x.^2).*(y+1/2),x.*(x-1).*(-y),(1-x.^2).*(-2*y)]	27	0.002	0.002	
str2num>protected_conversion	28	0.002	0.002	
kron	1	0.002	0.002	
Linear3NInPoints	1	0.001	0.001	
FndStrInCell	8	0.001	0.001	
fullfile>ensureTrailingFilesep	19	0.001	0.000	
pathsep	38	0.001	0.001	
setfield	4	0.001	0.001	
squeeze	16	0.001	0.001	
fullfile>refinePath	19	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	
…_+1).*(1-y.^2)/2,(1-x.^2).*y.*(y+1)/2,x.*(x-1).*(1-y.^2)/2,(1-x.^2).*(1-y.^2)]	27	0.001	0.001	
fullfile>addTrailingFileSep	19	0.001	0.001	
blanks	8	0.000	0.000	
…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	
strfun\private\isTextStrict	6	0.000	0.000	
Linear3N	3	0.000	0.000	
path>isValidInput	12	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.