

Profile Summary (Total time: 2.645 s)

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Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
ik_example	1	2.645	0.115	
IK_fast	1	2.530	0.031	
fminsearch	1	2.489	0.069	
IK_fast>@(X)fitness(i,X)	1201	2.416	0.017	
IK_fast>fitness	1201	2.399	0.082	
tr2rpy	1201	1.997	0.066	
tb_optparse	1201	1.920	0.282	
isprop	1201	1.410	0.022	
isprop>hasProp	1201	1.388	1.388	
FK	1201	0.317	0.030	
FK>H	7206	0.279	0.070	
verLessThan	1201	0.220	0.035	
ver	1	0.152	0.000	
ver>locGetSingleToolboxInfo	1	0.152	0.098	
transl	14412	0.074	0.074	
trotz	7206	0.073	0.043	
trotx	7206	0.062	0.038	
verLessThan>getParts	1202	0.032	0.032	
rotz	7206	0.029	0.029	
rotx	7206	0.024	0.024	
cell.intersect	1	0.014	0.002	
ver>locGetContentsListFromPath	1	0.014	0.007	
ver>locParseContentsFiles	1	0.013	0.009	
cell.strcat	2	0.011	0.009	
isrot	1201	0.011	0.011	
cell.intersect>cellintersectlegacy	1	0.011	0.005	
optimset	1	0.010	0.009	
deg2rad	7206	0.008	0.008	
tb_optparse>@(x)char(x)	7206	0.008	0.008	
ver>locGetMatlabToolboxLocation	2	0.007	0.002	
cell.unique	2	0.005	0.002	
toolboxdir	1	0.005	0.004	
rad2deg	1201	0.004	0.004	
cell.unique>celluniquelegacy	2	0.003	0.002	
optimget	8	0.003	0.002	
cellstr	5	0.002	0.002	
strtok	1	0.002	0.000	
fullfile	3	0.002	0.001	
strtok>doStrtok	1	0.002	0.002	
ver>locParseLineFromFile	2	0.001	0.001	
partialMatchString	3	0.001	0.001	
cell.unique>localcat	4	0.001	0.001	
optimget>optimgetfast	8	0.001	0.001	

ver>locRemoveUnwantedEntries	1	0.001	0.001	
fcnchk	1	0.001	0.001	
optimfun/private/uselargeoptimstruct	1	0.001	0.001	
fgetl	2	0.000	0.000	
optimset>checkfield	1	0.000	0.000	
ver>locCleanDate	1	0.000	0.000	
fullfile>ensureTrailingFileSep	2	0.000	0.000	
ver>locRemoveUnwantedFixPointEntries	1	0.000	0.000	
fullfile>refinePath	3	0.000	0.000	
fullfile>addTrailingFileSep	2	0.000	0.000	
ver>@()fclose(fid)	1	0.000	0.000	
general/private/checkRenamedToolboxFolders	1	0.000	0.000	
pathsep	1	0.000	0.000	
optimset>functionOrCellArray	1	0.000	0.000	
ver>locInitializeVerStruct	1	0.000	0.000	
optimfun/private/optimoptiongetfields	1	0.000	0.000	
optimset>onDeprecationPathOptionCheck	1	0.000	0.000	
webwindowmanager>webwindowmanager.delete	1	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.