

Profile Summary

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Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
stackedAEExercise	1	3243.454 s	8.059 s	
minFunc	1	3223.589 s	9.333 s	
...tconfig,lambda,trainData,trainLabels)	422	2668.177 s	0.261 s	
stackedAECost	422	2667.916 s	2417.083 s	
WolfelLineSearch	400	2667.647 s	2.814 s	
lbfgsC (MEX-file)	399	304.801 s	304.801 s	
stackedAECost>sigmoid	844	245.600 s	245.600 s	
lbfgsUpdate	399	233.649 s	233.649 s	
loadMNISTImages	2	5.559 s	5.559 s	
isLegal	1242	4.441 s	4.441 s	
stack2params	423	2.738 s	2.510 s	
params2stack	425	2.622 s	2.622 s	
feedForwardAutoencoder	2	2.546 s	2.006 s	
stackedAEPredict	2	2.152 s	1.773 s	
display_network	1	1.016 s	0.347 s	
feedForwardAutoencoder>sigmoid	2	0.539 s	0.539 s	
imagesc	1	0.532 s	0.063 s	
newplot	1	0.469 s	0.003 s	
newplot>ObserveAxesNextPlot	1	0.465 s	0.006 s	
cla	1	0.458 s	0.040 s	
graphics\private\clo	1	0.418 s	0.192 s	
stackedAEPredict>sigmoid	4	0.368 s	0.368 s	
polyinterp	21	0.311 s	0.303 s	
addpath	2	0.280 s	0.048 s	

int2str	1692	0.228 s	0.228 s	
path	2	0.219 s	0.175 s	
setdiff	2	0.218 s	0.023 s	
setdiff>setdifflegacy	2	0.195 s	0.155 s	
axis	1	0.108 s	0.036 s	
mean	3	0.085 s	0.085 s	
axis>LocSetImage	1	0.072 s	0.002 s	
axis>LocSetTight	1	0.070 s	0.001 s	
axis>LocSetTight1	1	0.070 s	0.053 s	
minFunc_processInputOptions	1	0.063 s	0.028 s	
loadMNISTLabels	2	0.054 s	0.054 s	
general\private\parsedirs	4	0.044 s	0.044 s	
ismember	1	0.040 s	0.009 s	
minFunc_processInputOptions>toUpper	1	0.033 s	0.029 s	
ismember>ismemberlegacy	1	0.031 s	0.031 s	
colormap	1	0.026 s	0.026 s	
objbounds	1	0.014 s	0.010 s	
general\private\catdirs	2	0.013 s	0.012 s	
findall	2	0.006 s	0.004 s	
roots	3	0.005 s	0.005 s	
isprop	1	0.004 s	0.004 s	
polyval	6	0.003 s	0.003 s	
setfield	3	0.003 s	0.003 s	
objbounds>localGetImageBounds	1	0.003 s	0.001 s	
objbounds>localComputeImageEdges	2	0.002 s	0.002 s	
minFunc_processInputOptions>getOpt	28	0.002 s	0.002 s	
gray	1	0.001 s	0.001 s	
...all>showHiddenHandlesToFindAllHandles	2	0.001 s	0.001 s	

getfield	5	0.001 s	0.001 s	
newplot>ObserveFigureNextPlot	1	0.001 s	0.001 s	
objbounds>allAxes	1	0.001 s	0.001 s	
pathsep	6	0.001 s	0.001 s	
onCleanup>onCleanup.delete	2	0.001 s	0.000 s	
axis>allAxes	1	0.000 s	0.000 s	
...tconfig,lambda,trainData,trainLabels)	1	0.000 s	0.000 s	
filesep	4	0.000 s	0.000 s	
onCleanup>onCleanup.onCleanup	2	0.000 s	0.000 s	
...set(rootobj,'ShowHiddenHandles', Temp)	2	0.000 s	0.000 s	
...set(rootobj,'ShowHiddenHandles', Temp)	2	0.000 s	0.000 s	
graphics\private\clo>find_kids	1	0.000 s	0.000 s	

Self time is the time spent in a function excluding the time spent in its child functions. Self time also includes overhead resulting from the process of profiling.