

Profile Summary (Total time: 29761.329 s)

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Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
<code>minimizeFlxPin10mm</code>	1	29761.329	0.064	
<code>gamultiobj</code>	1	29761.062	0.017	
<code>globaloptim\private\gamultiobj\solve</code>	1	29760.900	0.084	
<code>parallel_function</code>	603	29706.155	0.298	
<code>globaloptim\private\objAndConVectorizer</code>	600	29704.025	0.083	
<code>parallel_function>distributed_execution</code>	603	29697.599	2.457	
<code>remoteParfor>remoteParfor.getCompleteIntervals</code>	7214	29687.086	16.504	
<code>globaloptim\private\stepGamultiobj</code>	599	29661.891	0.264	
<code>java.util.concurrent.LinkedBlockingQueue (Java method)</code>	43478	29642.177	29642.177	
<code>globaloptim\private\gamultiobj\MakeState</code>	1	56.521	0.024	
<code>setOptimFcnHandleOnWorkers</code>	1	26.892	0.011	
<code>PoolArrayManager>PoolArrayManager.getOrAutoCreateWithCleanup</code>	604	26.691	0.016	
<code>gcp</code>	3	26.564	0.004	
<code>parpool</code>	1	26.357	0.006	
<code>doParpool</code>	1	26.335	0.004	
<code>...tractClusterPool.AbstractClusterPool>AbstractClusterPool.hBuildPool</code>	1	25.942	0.009	
<code>AbstractClusterPool.AbstractClusterPool>iStartClient</code>	1	23.021	0.005	
<code>AbstractInteractiveClient>AbstractInteractiveClient.start</code>	1	23.008	0.031	
<code>getJavaFutureResult</code>	624	21.835	0.059	
<code>java.util.concurrent.FutureTask (Java method)</code>	1228	21.782	21.770	
<code>JavaBackedSession>JavaBackedSession.waitForConnections</code>	1	20.863	0.018	
<code>JavaBackedSession>JavaBackedSession.waitForSessionCreation</code>	1	20.841	0.018	
<code>remoteParfor>remoteParfor.displayOutput</code>	42875	16.604	11.410	
<code>globaloptim\private\gadsplot</code>	601	13.193	4.795	
<code>minimizeFlxPin</code>	2	11.543	0.021	
<code>minimizeFlxPin>Lok</code>	3	11.445	0.013	
<code>globaloptim\private\createAnonymousFcn>@(x)fcn(x,FcnArgs{:})</code>	1	11.417	0.002	
<code>minimizeFlxPin10mm>min1</code>	1	11.416	0.000	
<code>minimizeFlxPin>fortz</code>	3	11.371	0.026	
<code>festo4</code>	799	11.328	7.583	
<code>fzero</code>	67	10.417	0.062	
<code>minimizeFlxPin>@(r)festo4(D,(rest-(mL(i)-r))/rest/KMAX,P)*mif-keff*r</code>	726	10.334	0.014	
<code>...s.toolbox.distcomp.pmode.parfor.ParforControllerImpl (Java method)</code>	54918	8.250	8.250	
<code>parallel_function>@(initData,F)createEngine(M,initData,F)</code>	603	7.572	0.012	
<code>PoolOptions>PoolOptions.createEngine</code>	603	7.560	0.047	
<code>remoteParfor>remoteParfor.remoteParfor</code>	603	7.513	0.123	
<code>remoteParfor>remoteParfor.buildParforController</code>	603	7.297	0.410	
<code>remoteParfor>remoteParfor.deserialize</code>	19832	7.050	2.015	
<code>remoteParfor>remoteParfor.addInterval</code>	19832	6.095	1.920	
<code>deserialize</code>	19844	5.041	3.766	
<code>globaloptim\private\loadAndPlot>@(OnePlotFor</code>	601	2.712	0.011	

globaloptim\private\gausplot\callOtherFunction	601	3.712	0.041
gaplotpareto	601	3.671	0.065
JavaBackedSession>JavaBackedSession.isSessionRunning	24863	3.440	3.053
remoteParfor>remoteParfor.serialize	20435	3.062	0.212
serialize	20437	2.855	0.528
AbstractClusterPool.AbstractClusterPool>iPostLaunchSetup	1	2.737	0.011
title	601	2.473	1.938
Future>Future.fetchOutputs	2	2.295	0.001
Future>Future.fetchOutputsImpl	2	2.294	0.008
Future>Future.wait	2	2.246	0.003
Future>@(o)waitScalar(o,predicate,waitGranularity,deadline)	2	2.243	0.001
JavaBackedFuture>JavaBackedFuture.waitScalar	2	2.242	0.015
...lbox.distcomp.pmode.taskqueue.FevalBroadcastTask (Java method)	44	2.201	2.201
PathInfo>PathInfo.getSerializedClearPathInfo	1590	2.123	0.164
...ersManager.SubplotListenersManager>@(o,e)subplotLayout(ax,e,fig)	601	2.063	1.333
globaloptim\private\gammultiobjHybrid	1	2.031	0.065
remoteParfor>iDisplayStringArray	31468	1.922	1.922
...thworks.toolbox.distcomp.pmode.DrainableOutputImpl (Java method)	31468	1.776	1.776
getJavaFutureInterruptibly	603	1.721	0.342
subplot	601	1.644	0.512
globaloptim\private\rankAndDistance	601	1.481	0.327
PathInfo>PathInfo.PathInfo	1591	1.342	0.193
isPathFrozen	1592	1.334	0.106
distcompserialize64 (MEX-file)	20437	1.290	1.290
isPathFrozen>@(x)feature('DirectoryIsFrozen',x)	2122	1.210	1.210
...pmode.parfor.ParforControllerImpl\$IntervalResultImpl (Java method)	59496	1.176	1.176
distcompMakeByteBufferHandles (MEX-file)	20437	1.036	1.036
fzero>localFirstFcnEval	67	1.022	0.005
remoteParfor>remoteParfor.complete	603	1.002	0.016
remoteParfor>remoteParfor.awaitCompletionDisplayingOutput	603	0.963	0.266
Job.Job>Job.submit	1	0.951	0.001
sfit.subsref	799	0.831	0.040
parallel_function>distributed_execution/consume_reduce	19826	0.813	0.813
Job.Job>Job.preSubmit	1	0.792	0.002
sfit.subsref>iParenthesesReference	799	0.783	0.034
sfit.feval	799	0.744	0.077
com.mathworks.toolbox.distcomp.pmode.Session (Java method)	26084	0.740	0.740
hold	1202	0.697	0.403
distcompserialize (MEX-file)	1591	0.665	0.665
fitype.evaluate	799	0.655	0.485
CJSSupport>CJSSupport.getProperties	129	0.577	0.023
FileStorage>FileStorage.getFields	132	0.546	0.181
mutationadaptfeasible	599	0.543	0.293
GetSetImpl>GetSetImpl.getImpl	80	0.541	0.030
curvefit.nlsqoptions.nlsqoptions	2397	0.540	0.540
crossoverscattered	599	0.534	0.226

<u>...dAxesInteractions>UnifiedAxesInteractions.createDefaultInteractions</u>	1204	0.519	0.224	
<u>distcompByteBufferHandles2MxArray (MEX-file)</u>	19844	0.510	0.510	
<u>CJSJobMixin>CJSJobMixin.hGetStateEnum</u>	13	0.505	0.004	
<u>Job.Job>Job.get.StateEnum</u>	12	0.504	0.001	
<u>distancecrowding</u>	12702	0.492	0.492	
<u>findall</u>	602	0.489	0.278	
<u>globaloptim\private\trimPopulation</u>	600	0.480	0.015	
<u>CJSCluster>CJSCluster.hGetJobState</u>	13	0.445	0.007	
<u>CJSJobMixin>CJSJobMixin.hGetProperty</u>	89	0.439	0.010	
<u>AbstractInteractiveClient>AbstractInteractiveClient.pRemoveOldJobs</u>	1	0.434	0.001	
<u>Job.Job>Job.attachRequiredFiles</u>	1	0.433	0.007	
<u>CJSSupport>CJSSupport.getJobProperties</u>	93	0.425	0.004	
<u>hetfun</u>	5	0.420	0.012	
<u>Job.Job>Job.get.State</u>	5	0.420	0.001	
<u>globaloptim\private\trimPopulation>frontDiversity</u>	600	0.412	0.341	
<u>globaloptim\private\isTrialFeasible</u>	44967	0.402	0.402	
<u>makeValidName</u>	601	0.400	0.053	
<u>distcompdeserialize (MEX-file)</u>	19844	0.398	0.398	
<u>argumentsParser</u>	1	0.375	0.001	
<u>argumentsParser>iGetClusterAndNumWorkers</u>	1	0.374	0.001	
<u>gaplotpareto>plotFirstFront</u>	601	0.368	0.256	
<u>com.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)</u>	19856	0.367	0.367	
<u>MATLABDrivePathMap>MATLABDrivePathMap.MATLABDrivePathMap</u>	1592	0.366	0.032	
<u>Task.Task>Task.hCalculateAndCacheDependentFiles</u>	1	0.357	0.002	
<u>...anager.SubplotListenersManager>SubplotListenersManager.disable</u>	601	0.338	0.181	
<u>...DrivePathMap>MATLABDrivePathMap.createMATLABDrivePathMap</u>	1592	0.334	0.099	
<u>CustomGetSet>iHetFunGetProperty</u>	3	0.328	0.001	
<u>FileStorage>iLoadWithRetry</u>	122	0.323	0.009	
<u>CustomGetSet>@(o)iHetFunGetFunction(o,props)</u>	3	0.323	0.000	
<u>CustomGetSet>CustomGetSet.get</u>	10	0.323	0.003	
<u>CustomGetSet>iHetFunGetFunction</u>	3	0.322	0.002	
<u>Task.Task>iCalculateDependentFiles</u>	1	0.314	0.003	
<u>parforOptions</u>	603	0.311	0.019	
<u>remoteparfor>iTimeUnitSeconds</u>	7817	0.310	0.310	
<u>AttachedFiles>AttachedFiles.calculateAttachedFiles</u>	1	0.309	0.001	
<u>calculateDependencies</u>	1	0.308	0.001	
<u>requirements</u>	1	0.307	0.007	
<u>GetSetImpl>i GetAllPropertiesVec</u>	3	0.307	0.002	
<u>makeValidName>@(n)makeValid(n,@replaceWithUnderscore)</u>	601	0.296	0.021	
<u>PoolOptions>PoolOptions.build</u>	603	0.292	0.063	
<u>AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl</u>	6008	0.288	0.288	
<u>Completion>Completion.Completion</u>	1	0.285	0.012	
<u>Local.Local>Local.getJobState</u>	6	0.283	0.003	
<u>AbstractInteractiveClient>iCreateCommunicatingJob</u>	1	0.280	0.002	
<u>makeValidName>getMakeValidFcnHandle/makeValid</u>	601	0.275	0.228	

<u>...interactiveClient>AbstractInteractiveClient.buildCheckFn/noCheck</u>	20	0.270	0.005	
<u>AbstractInteractiveClient>iThrowIfBadParallelJobStatus</u>	2	0.264	0.013	
<u>GetSetImpl>iAccessProperties</u>	7	0.260	0.002	
<u>CustomGetSet>CustomGetSet.hVectorisedGet</u>	7	0.258	0.003	
<u>CustomGetSet>CustomGetSet.doVectorisedGet</u>	7	0.255	0.003	
<u>Job.Job>Job.createMATLABDrivePathMap</u>	1	0.255	0.001	
<u>markFigure</u>	2404	0.252	0.252	
<u>Local.deriveJobStateFromTasks</u>	6	0.252	0.006	
<u>CustomGetSet>@(a,b,c)iVectorisedGetHelper(obj,a,b,c)</u>	7	0.252	0.001	
<u>CustomGetSet>iVectorisedGetHelper</u>	7	0.251	0.002	
<u>JavaBackedSession>JavaBackedSession.waitForSessionToStart</u>	3	0.243	0.002	
<u>FileFormat>iLoadMat</u>	78	0.241	0.216	
<u>...tClusterPool.AbstractClusterPool>AbstractClusterPool.hGetIsUsable</u>	1820	0.236	0.084	
<u>MATLABDriveUtils>MATLABDriveUtils.getRelativeClientPath</u>	532	0.235	0.004	
<u>subplot>datasiblings</u>	601	0.235	0.180	
<u>Local.Local>Local.hGetTaskStateEnum</u>	36	0.234	0.039	
<u>...TЛАBDriveUtils>MATLABDriveUtils.getCanonicalMATLABDriveFolder</u>	532	0.231	0.003	
<u>MATLABDriveUtils>safeCallmatlabdrive</u>	532	0.228	0.228	
<u>PoolOptions>PoolOptions.PoolOptions</u>	603	0.226	0.053	
<u>parcluster</u>	1	0.221	0.004	
<u>globaloptim\private\gamultiobj\Converged</u>	600	0.218	0.169	
<u>Cluster.Cluster>Cluster.createConcurrentJob</u>	1	0.214	0.001	
<u>Settings.Settings>Settings.hGetProperty</u>	4	0.210	0.006	
<u>objArrayDispatch</u>	1806	0.199	0.121	
<u>Local.Local>Local.getJobSchedDataIfAvailable</u>	48	0.190	0.007	
<u>Local.Local>Local.Local</u>	1	0.190	0.008	
<u>CJSTask>CJSTask.hGetProperty</u>	36	0.182	0.009	
<u>AbstractInteractiveClient>iGetJobState</u>	2	0.181	0.001	
<u>AbstractInteractiveClient>AbstractInteractiveClient.findJobsOnCluster</u>	1	0.181	0.000	
<u>Cluster.findJob</u>	1	0.181	0.003	
<u>unique</u>	1217	0.177	0.047	
<u>graph2d\private\subplot_parseargs</u>	601	0.173	0.157	
<u>...usterPool.AbstractClusterPool>AbstractClusterPool.getNumWorkers</u>	608	0.172	0.026	
<u>pctTryCreatePoolIfNecessary</u>	603	0.170	0.034	
<u>Settings.Settings>iReplaceBadDefaultProfile</u>	4	0.166	0.004	
<u>isprop</u>	1805	0.162	0.035	
<u>globaloptim\private\boxdirections</u>	8985	0.161	0.161	
<u>NamedNode>NamedNode.getName</u>	70	0.160	0.001	
<u>CustomSettingsGetSet>CustomSettingsGetSet.get</u>	70	0.158	0.004	
<u>CJSSupport>CJSSupport.getTaskProperties</u>	36	0.158	0.003	
<u>PoolArrayManager>iShouldAutoCreate</u>	1	0.157	0.007	
<u>...bstractClusterPool.AbstractClusterPool>AbstractClusterPool.buildPool</u>	1	0.155	0.006	
<u>CJSConcurrentJob>CJSConcurrentJob.submitOneJob</u>	1	0.149	0.001	
<u>ProcessPool>ProcessPool.ProcessPool</u>	1	0.149	0.002	
<u>CJSJobMixin>CJSJobMixin.submitOneJobCommon</u>	1	0.149	0.001	
<u>...erPool.AbstractClusterPool>AbstractClusterPool.AbstractClusterPool</u>	1	0.147	0.065	

<u>curvefit.nlsqoptions.loadobj</u>	2397	0.146	0.146	
<u>...SessionNotifier>JavaBackedSessionNotifier.wrapNotificationMethod</u>	2	0.144	0.002	
<u>GetSetImpl>iGetProperties</u>	73	0.144	0.002	
<u>CJSSupport>CJSSupport.setProperties</u>	13	0.141	0.007	
<u>Completion>Completion.buildInspector</u>	1	0.141	0.004	
<u>globaloptim\private\gadsplot>gadsplotagain</u>	601	0.141	0.009	
<u>JavaBackedSession>JavaBackedSession.createParforController</u>	603	0.140	0.042	
<u>...edSessionNotifier>JavaBackedSessionNotifier.sessionInfoFromJava</u>	3	0.140	0.010	
<u>CJSSupport>CJSSupport.setJobProperties</u>	12	0.140	0.008	
<u>...ClusterPool.AbstractClusterPool>AbstractClusterPool.get.Connected</u>	1215	0.139	0.007	
<u>...rrayManager>iShouldAutoCreate/nCheckDefaultProfileFromSettings</u>	1	0.134	0.003	
<u>CJSJobMixin>CJSJobMixin.h SetPropertyNoCheck</u>	11	0.133	0.007	
<u>CJSCluster>CJSCluster.hSubmitConcurrentJob</u>	1	0.133	0.001	
<u>globaloptim\private\gadsplot>mouseaction</u>	602	0.133	0.133	
<u>Local.hSubmitCommunicatingJob</u>	1	0.132	0.008	
<u>unique>uniqueR2012a</u>	1217	0.129	0.129	
<u>NamedNodesCollection>NamedNodesCollection.getAllNames</u>	4	0.129	0.003	
<u>Job.Job>Job.hGetAllAttachedFiles</u>	1	0.128	0.001	
<u>PoolArrayManager>iManipulatePoolArray</u>	608	0.128	0.024	
<u>isprop>hasProp</u>	1805	0.127	0.127	
<u>remoteParfor>remoteParfor.allIntervalsAdded</u>	603	0.127	0.054	
<u>CJSCluster>CJSCluster.CJSCluster</u>	1	0.124	0.005	
<u>CJSCluster>CJSCluster.buildConcurrentJob</u>	1	0.123	0.002	
<u>...edNodesCollection>NamedNodesCollection.get.CachedNodeNames</u>	9	0.121	0.003	
<u>Job.Job>Job.hGetAutoAttachedFiles</u>	1	0.120	0.002	
<u>argumentsParser>iPoolStartingMessage</u>	1	0.119	0.002	
<u>CJSJobMixin>CJSJobMixin.hGetStateFromTasks</u>	6	0.118	0.001	
<u>CJSJobMethods>CJSJobMethods.getJobStateFromTasks</u>	6	0.117	0.003	
<u>FileStorage>FileStorage.setFields</u>	14	0.114	0.015	
<u>...ackedSessionNotifier>JavaBackedSessionNotifier.notifyAboutToStart</u>	1	0.114	0.001	
<u>MwFileInspector>MwFileInspector.MwFileInspector</u>	2	0.113	0.003	
<u>MatlabInspector>MatlabInspector.MatlabInspector</u>	1	0.112	0.003	
<u>FileFormat>FileFormat.save</u>	18	0.111	0.001	
<u>SerializationNotifier>SerializationNotifier.createAccumulatingListener</u>	603	0.110	0.038	
<u>MwFileInspector>buildMapOfFunctionsForBuiltInTypes</u>	2	0.110	0.065	
<u>CustomSettingsGetSet>CustomSettingsGetSet.hGetProperty</u>	79	0.109	0.023	
<u>Completion>Completion.initializeRootSet</u>	1	0.109	0.005	
<u>...ons>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes</u>	1204	0.105	0.031	
<u>GetSetImpl>iGetAllProperties</u>	77	0.105	0.006	
<u>FileFormat>iSaveMat</u>	16	0.105	0.097	
<u>sfit.loadobj</u>	799	0.105	0.019	
<u>ControlManager>ControlManager.sendPVPairsToControl</u>	1204	0.102	0.102	
<u>dctReplaceDriveWithUNCPath</u>	2122	0.101	0.082	
<u>TextInteractions>TextInteractions.createAndRegisterTextControl</u>	2406	0.100	0.037	
<u>attributes</u>	120	0.097	0.025	

<u>findall>showHiddenHandlesToFindAllHandles</u>	602	0.097	0.097	
<u>Cluster.findJob>@(x)findUsingHetfun(findFcn,x)</u>	1	0.096	0.000	
<u>Cluster.findJob>findUsingHetfun</u>	1	0.096	0.000	
<u>Job.Job>Job.hSetProperty</u>	8	0.095	0.005	
<u>Cluster.Cluster>Cluster.Cluster</u>	1	0.095	0.004	
<u>selectiontournament</u>	599	0.093	0.026	
<u>Engine>Engine.divideRangeIntoIntervals</u>	603	0.090	0.022	
<u>Cluster.Cluster>Cluster.applyJobProperties</u>	1	0.088	0.002	
<u>SessionInfo>SessionInfo.SessionInfo</u>	8	0.088	0.042	
<u>NamedNodesCollection>NamedNodesCollection.getAll</u>	4	0.087	0.001	
<u>subplot>isSubplotCandidate</u>	2402	0.087	0.087	
<u>...anager.SubplotListenersManager>SubplotListenersManager.enable</u>	601	0.087	0.087	
<u>Job.Job>Job.addClientPath</u>	1	0.086	0.003	
<u>Job.Job>Job.hShouldCalculateAttachedFiles</u>	1	0.084	0.002	
<u>globaloptim\private\gacommon</u>	1	0.083	0.011	
<u>JavaBackedSession>JavaBackedSession.getPoolSize</u>	609	0.079	0.068	
<u>cell.setdiff</u>	174	0.079	0.025	
<u>optimoptions</u>	2	0.077	0.003	
<u>Job.Job>Job.get.Tasks</u>	25	0.076	0.003	
<u>dctSchedulerMessage</u>	1813	0.075	0.027	
<u>shg</u>	1	0.074	0.074	
<u>UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas</u>	1204	0.074	0.074	
<u>...fiedAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations</u>	1205	0.074	0.074	
<u>createSolverOptions</u>	2	0.074	0.006	
<u>CJSJobMixin>CJSJobMixin.getTasks</u>	25	0.074	0.002	
<u>SerializationNotifier>SerializationNotifier.createSerializationListener</u>	603	0.072	0.060	
<u>CJSSupport>CJSSupport.getTasks</u>	25	0.071	0.010	
<u>remoteparfor>remoteparfor.delete</u>	603	0.070	0.007	
<u>gobjects</u>	1809	0.069	0.067	
<u>GamultiobjOptions>GamultiobjOptions.GamultiobjOptions</u>	2	0.068	0.002	
<u>Cluster.Cluster>Cluster.hGetJobs</u>	1	0.068	0.000	
<u>remoteparfor>iErrorCheckPool</u>	603	0.068	0.007	
<u>CJSCluster>CJSCluster.getJobs</u>	1	0.068	0.001	
<u>CJSSupport>CJSSupport.getJobs</u>	1	0.067	0.001	
<u>selectiontournament>tournament</u>	599	0.067	0.067	
<u>GacommonOptions>GacommonOptions.GacommonOptions</u>	2	0.066	0.002	
<u>CJSSupport>@(x,y)obj.getJobsForCluster(x,y{1})</u>	1	0.066	0.000	
<u>CJSSupport>CJSSupport.getJobsForCluster</u>	1	0.065	0.006	
<u>checkConstraint</u>	7	0.065	0.005	
<u>initializeClient</u>	1	0.064	0.001	
<u>CJSSupport>CJSSupport.buildJob</u>	1	0.064	0.005	
<u>SingleAlgorithm>SingleAlgorithm.SingleAlgorithm</u>	2	0.064	0.002	
<u>+cluster\private\serializeOnClient</u>	1	0.064	0.000	
<u>TextInteractions>TextInteractions.getCanvas</u>	2406	0.063	0.063	
<u>remoteparfor>remoteparfor.drainIntervals</u>	603	0.063	0.041	
<u>SolverOptions>SolverOptions.SolverOptions</u>	2	0.062	0.014	

<u>defaultClusterProfile</u>	2	0.062	0.001
<u>CJSSupport>@(x,y)obj.getTasksForJob(x,y,{1})</u>	25	0.062	0.001
<u>CJSJobMethods>iDeriveJobStateFromTasks</u>	6	0.061	0.030
<u>mx_nonDominatedRank (MEX-file)</u>	601	0.061	0.061
<u>CJSSupport>CJSSupport.getTasksForJob</u>	25	0.060	0.014
<u>int2str</u>	1803	0.060	0.060
<u>Engine>divide_biharmonic</u>	603	0.060	0.049
<u>...(x)x.Support.getJobProperties(x.hGetSupportID,x.Variant,propName)</u>	6	0.058	0.002
<u>FileFormat>iLoadState</u>	41	0.057	0.050
<u>findall>@()set(rootobj,'ShowHiddenHandles',Temp)</u>	602	0.056	0.056
<u>sfit.loadobj>ilsSurfaceInterpolant</u>	799	0.055	0.024
<u>globaloptim\private\trimPopulation>distanceDiversity</u>	600	0.054	0.024
<u>axescheck</u>	1202	0.053	0.038
<u>CustomGetSet>CustomGetSet.hSetAllowNonPublic</u>	2	0.052	0.001
<u>makeValidName>getMakeValidFcnHandle</u>	601	0.051	0.051
<u>mean</u>	1702	0.051	0.041
<u>GetSetImpl>GetSetImpl.setImpl</u>	2	0.050	0.002
<u>...HandleOnWorkers>@()CleanupWorkers(pool,old_objfun,old_confun)</u>	1	0.050	0.003
<u>CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas</u>	1	0.050	0.004
<u>globaloptim\private\trimPopulation>tournament</u>	5927	0.048	0.048
<u>parallel\private\dctSchedulerMessageHandler</u>	1813	0.048	0.048
<u>globaloptim\private\validate</u>	1	0.047	0.018
<u>nanFromComplexElements</u>	799	0.047	0.047
<u>setOptimFcnHandleOnWorkers>CleanupWorkers</u>	1	0.047	0.007
<u>getJavaFutureInterruptibly>@()future.cancel(true)</u>	603	0.046	0.040
<u>checkConstraint>iCheckTiming</u>	7	0.045	0.003
<u>fittype.evaluate>I_MAX_FCN_</u>	799	0.045	0.045
<u>CJSJobMethods>CJSJobMethods.duplicateTasksOfSimultaneousJob</u>	1	0.045	0.002
<u>...nager.SubplotListenersManager>@(o,e)subplotlayoutInvalid(ax,e,fig)</u>	603	0.045	0.045
<u>Job.Job>Job.createTask</u>	1	0.044	0.001
<u>FigureUtils>FigureUtils.isEditorEmbeddedFigure</u>	1204	0.044	0.044
<u>GetSetImpl>GetSetImpl.setMultipleProperties</u>	1	0.043	0.003
<u>datetime.datetime>datetime.datetime</u>	15	0.043	0.017
<u>validateValue</u>	36	0.043	0.014
<u>globaloptim\private\gadsplot>foundfunc</u>	1803	0.042	0.042
<u>num2str</u>	1202	0.042	0.017
<u>cell.setdiff>cellsetdiffR2012a</u>	167	0.040	0.026
<u>Reflection>iPropInfo</u>	175	0.040	0.032
<u>colon_range_check</u>	603	0.039	0.022
<u>cell.unique</u>	517	0.038	0.029
<u>FevalOnAllFuture>FevalOnAllFuture.hasAnyErrors</u>	2	0.038	0.000
<u>globaloptim\private\gadsplot>change_runtime</u>	601	0.038	0.016
<u>Job.Job>Job.hCheckTimingForSet</u>	6	0.038	0.002
<u>Future>Future.get.Error</u>	2	0.038	0.001
<u>CJSConcurrentJob>CJSConcurrentJob.createTaskOnOneJob</u>	1	0.038	0.001

ProcessPool>ProcessPool.parfevalOnAll	2	0.038	0.001	
cacheWhich	13	0.038	0.005	
Completion>Completion.resolveRootSet	1	0.038	0.001	
attributes>checkAttrs	120	0.037	0.021	
globaloptim\private\gadsplot>removeDup	601	0.037	0.017	
globaloptim\private\distanceAndSpread	600	0.037	0.037	
AbstractClusterPool.parfevalOnAll	2	0.037	0.002	
CJSSupport>CJSSupport.buildTasks	2	0.037	0.004	
JavaBackedFuture>JavaBackedFuture.getError	2	0.037	0.001	
xlabel	1	0.036	0.012	
Completion>Completion.ruleActions	1	0.036	0.001	
MatlabInspector>MatlabInspector.determineType	1	0.036	0.001	
gaoptimset	2	0.036	0.022	
FutureOutputHelper>FutureOutputHelper.getError	2	0.036	0.001	
MatlabInspector>MatlabInspector.resolveType	1	0.035	0.003	
FutureOutputHelper>FutureOutputHelper.updateCache	2	0.035	0.006	
ConcurrentJob>ConcurrentJob.set.NumWorkersRange	2	0.035	0.001	
SolverOptions>SolverOptions.setProperty	7	0.034	0.011	
InteractionContainer>InteractionContainer.get.Enabled	1204	0.034	0.034	
Schema>Schema.applySetRules	1	0.034	0.003	
NamedNodesCollection>NamedNodesCollection.nameExists	4	0.033	0.001	
JavaBackedSessionNotifier>iLongToDatetime	6	0.033	0.002	
FevalQueue.FevalQueue>FevalQueue.parfevalOnAll	2	0.033	0.007	
CJSSupport>iMaybeReplaceWithUnc	1	0.033	0.005	
callWhich	6	0.033	0.033	
cell.intersect	85	0.033	0.010	
CJSJobMethods>CJSJobMethods.createTask	1	0.032	0.002	
Cluster.Cluster>Cluster.parseJobArguments	1	0.032	0.001	
SettingsNodeFacade>SettingsNodeFacade.getKeys	79	0.031	0.008	
JavaBackedSessionNotifier>JavaBackedSessionNotifier.notifyStarting	1	0.031	0.000	
CJSSupport>CJSSupport.prepareJobForSubmission	1	0.031	0.000	
+cluster\private\cjsPrepareForSubmission	1	0.031	0.001	
cell.ismember	953	0.031	0.031	
fitype.loadobj	799	0.031	0.018	
CanvasSetup>CanvasSetup.createScribeLayers	1	0.030	0.003	
subplot>addAxesToGrid	1	0.030	0.012	
minimizeFlxPin>Force	3	0.030	0.004	
FileStorage>FileStorage.getTaskSIds	25	0.029	0.002	
sortrows	600	0.029	0.027	
sliced_fcnhdl_check	3013	0.029	0.029	
FileStorage>FileStorage.getTaskInFields	5	0.028	0.003	
...eStackManager.ScribeStackManager>ScribeStackManager.getLayer	4	0.028	0.004	
FileStorage>FileStorage.getSortedTaskIDsFromDisk	26	0.027	0.004	
JavaBackedSessionNotifier>iJavaDateToDatetime	6	0.026	0.003	
GetSetImpl>GetSetImpl.errorIfInvalidProps	83	0.026	0.005	

<u>GacommmonOptions>GacommmonOptions.getPopulationSize</u>	001	0.020	0.020
<u>erase</u>	601	0.026	0.018
<u>CJSSupport>iMapCJSProperties</u>	142	0.025	0.024
<u>convertStringToCharArgs</u>	1204	0.025	0.025
<u>.onstructorArgsHelper>ConstructorArgsHelper.interpretClusterCtorArgs</u>	1	0.025	0.002
<u>MatFileInspector>MatFileInspector.MatFileInspector</u>	1	0.025	0.000
<u>MwFileInspector>MwFileInspector.determineSymbolType</u>	1	0.025	0.002
<u>Local.Local>Local.wasSubmittedByThisType</u>	6	0.025	0.001
<u>ConstructorArgsHelper>iResolveWorkUnitBuildArgs</u>	2	0.024	0.004
<u>fittype.evaluate>I_ISA_FCN</u>	799	0.024	0.024
<u>CustomSettingsGetSet>@(x)Reflection.getConstraint(obj,x)</u>	79	0.023	0.003
<u>WarningSuppressor>WarningSuppressor.WarningSuppressor</u>	94	0.023	0.023
<u>fittype.evaluate>I_ISFLAG_FCN</u>	7191	0.023	0.023
<u>cell.intersect>cellintersectR2012a</u>	85	0.023	0.016
<u>...ructorArgsHelper>ConstructorArgsHelper.resolveJobBuildArguments</u>	1	0.023	0.000
<u>FileStorage>FileStorage.getTaskRangesFromDisk</u>	26	0.023	0.015
<u>Cluster.Cluster>Cluster.set.Profile</u>	1	0.023	0.002
<u>...taskManager.ScribeStackManager>ScribeStackManager.createLayer</u>	3	0.022	0.005
<u>Completion>Completion.notShipping</u>	1	0.022	0.001
<u>Reflection>Reflection.getConstraint</u>	86	0.022	0.004
<u>MatlabSymbol>MatlabSymbol.determineMatlabType</u>	1	0.022	0.001
<u>Schema>@(files,notes)applyRemoveFcn(op,files,notes,reason,rule)</u>	1	0.022	0.001
<u>FilenameUtils>FilenameUtils.isAbsolutePath</u>	1590	0.021	0.021
<u>globaloptim\private\objAndConVectorizer>(parfor body)</u>	600	0.021	0.021
<u>FileStorage>FileStorage.createJob</u>	1	0.021	0.007
<u>Schema>applyRemoveFcn</u>	1	0.021	0.001
<u>attributes>checkInputs</u>	120	0.021	0.013
<u>fittype.evaluate>I_SIZE_FCN</u>	799	0.021	0.021
<u>Settings.findProfile</u>	1	0.021	0.002
<u>MatlabSymbol>MatlabSymbol.getTypeUsingEnvironment</u>	1	0.020	0.001
<u>FevalOnAllFuture>FevalOnAllFuture.FevalOnAllFuture</u>	2	0.020	0.002
<u>cellstr</u>	1607	0.020	0.020
<u>Reflection>Reflection.getAllPublicProperties</u>	84	0.020	0.002
<u>clf</u>	1	0.020	0.008
<u>FileStorage>FileStorage.getTaskInFieldsForSingleUngroupedTask</u>	5	0.020	0.002
<u>MatlabInspector>MatlabInspector.MFileParser</u>	6	0.019	0.019
<u>FutureOutputHelper>@(w)iInterpret(javaTask.getResult(w),taskState)</u>	12	0.019	0.003
<u>DisarmableOncleanup>DisarmableOncleanup.DisarmableOncleanup</u>	1209	0.019	0.019
<u>isPublishingTest</u>	1206	0.019	0.019
<u>...ackedSessionNotifier>JavaBackedSessionNotifier.sessionInfoToJava</u>	3	0.019	0.007
<u>Future>@(s)isTerminal(getStateEnum(s))</u>	12	0.019	0.003
<u>getUncPathFromMappedDrive (MEX-file)</u>	532	0.018	0.018
<u>FigureUtils>FigureUtils.isEditorSnapshotFigure</u>	1204	0.018	0.018
<u>JavaBackedFuture>JavaBackedFuture.JavaBackedFuture</u>	2	0.018	0.010
<u>CJSSupport>CJSSupport.buildTasksVec</u>	1	0.018	0.002
<u>States>States.fromName</u>	87	0.018	0.012

<u>FileFormat>iLoadText</u>	3	0.017	0.017	
<u>MatlabSymbol>MatlabSymbol.determineClassType</u>	1	0.017	0.001	
<u>initCaches</u>	1	0.017	0.003	
<u>FutureOutputHelper>iInterpret</u>	12	0.016	0.009	
<u>Cluster.findJob>@(x)iWorkUnitMatch(x,varargin)</u>	1	0.016	0.000	
<u>Cluster.findJob>iWorkUnitMatch</u>	1	0.016	0.001	
<u>JobInitData>JobInitData.getData</u>	1	0.016	0.001	
<u>JavaBackedSession>JavaBackedSession.getClientSessionInfo</u>	1	0.016	0.001	
<u>InteractivePoolClient>InteractivePoolClient.postStartActions</u>	1	0.016	0.001	
<u>Local.Local>iChooseDataLocation</u>	1	0.016	0.005	
<u>fileparts</u>	296	0.016	0.008	
<u>JavaBackedFuture>JavaBackedFuture.getStateEnum</u>	18	0.016	0.011	
<u>ismember</u>	13	0.016	0.009	
<u>...ics.illustration.Legend') isa(obj,'matlab.graphics.illustration.ColorBar')</u>	10241	0.016	0.016	
<u>WorkUnitFinder>WorkUnitFinder.find</u>	1	0.016	0.001	
<u>+apishared\private\getJobInitData</u>	1	0.016	0.004	
<u>PropSet>PropSet.amalgamate</u>	7	0.016	0.011	
<u>+internal\private\className</u>	1	0.016	0.000	
<u>GetSetImpl>@(n,v)Reflection.deriveAndCheckConstraint(obj,n,v)</u>	4	0.015	0.002	
<u>axescheck>@(x)(isStringScalar(x) ischar(x))&&strcmpi('parent',x)</u>	1202	0.015	0.011	
<u>remoteParfor>remoteParfor.getDispatchSizes</u>	603	0.015	0.008	
<u>JobPathHelper>JobPathHelper.getUserAddedPathEntries</u>	1	0.015	0.003	
<u>SolverOptions>SolverOptions.setAliasProperty</u>	4	0.015	0.009	
<u>incrementParallelFunctionDepth</u>	1206	0.015	0.015	
<u>+internal\private\className_impl</u>	1	0.015	0.000	
<u>+internal\private\isClassdef</u>	2	0.015	0.002	
<u>graph2d\private\labelcheck</u>	603	0.015	0.015	
<u>...sion>JavaBackedSession.startSendPathAndClearNotificationToLabs</u>	1	0.015	0.002	
<u>FileStorage>iUnique</u>	150	0.015	0.003	
<u>newplotwrapper</u>	1	0.015	0.001	
<u>ConcurrentJob>ConcurrentJob.getNumWorkersRange</u>	2	0.015	0.001	
<u>...tractClusterPool.AbstractClusterPool>AbstractClusterPool.get.Cluster</u>	2	0.014	0.002	
<u>checkSimpleConstraint</u>	10	0.014	0.003	
<u>ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer</u>	3	0.014	0.005	
<u>SettingsNodeFacade>SettingsNodeFacade.get.IsValid</u>	237	0.014	0.014	
<u>repmat</u>	99	0.014	0.013	
<u>cell.setdiff>cellsetdifflegacy</u>	7	0.014	0.007	
<u>Local.Local>Local.hJobPreSubmitCheck</u>	1	0.014	0.000	
<u>Engine>Engine.Engine</u>	603	0.014	0.014	
<u>Cluster.Cluster>Cluster.hJobPreSubmitCheck</u>	1	0.014	0.001	
<u>newplot</u>	1	0.014	0.003	
<u>...allel_function>@()matlab.internal.incrementParallelFunctionDepth(-1)</u>	603	0.014	0.006	
<u>Reflection>Reflection.deriveAndCheckConstraint</u>	4	0.013	0.003	
<u>CJSSupport>CJSSupport.CJSSupport</u>	1	0.013	0.003	
<u>FileStorage>FileStorage.getSortedJobIDsFromDisk</u>	2	0.013	0.005	

attributes>checkClass	120	0.013	0.013	
FileStorage>FileStorage.createTasksVec	1	0.013	0.002	
makeValidName>getMakeValidFcnHandle/replaceWithUnderscore	601	0.013	0.013	
ToolbarFactory>ToolbarFactory.getToolbar	1	0.013	0.001	
Completion>Completion.isExcluded	1	0.013	0.001	
cell.strcat	2	0.013	0.012	
FileStorage>FileStorage.getJobSIds	1	0.013	0.001	
JavaBackedSession>JavaBackedSession.getSessionUUID	1	0.013	0.003	
...(@isscalar,A,'scalar',fname,'expectedScalar',msgId,argname,argpos)	30	0.013	0.005	
dctPathAndClearNotificationGateway	1	0.013	0.000	
FileStorage>FileStorage.createTasks	1	0.013	0.002	
Job.Job>Job.setJobEnvironmentCredentials	1	0.013	0.001	
JavaException>JavaException.JavaException	20	0.013	0.007	
parallel\private\dctPathAndClearNotification (MEX-file)	1	0.012	0.012	
cacheIsExcluded	2	0.012	0.001	
checkConstraint>iCheckSingleValue	7	0.012	0.002	
WhyList>WhyList.isListed	2	0.012	0.002	
ConcurrentJob>ConcurrentJob.getMinNumWorkers	1	0.012	0.000	
+internal\private\isClassdef>hasClassDef	2	0.012	0.001	
JavaBackedSession>JavaBackedSession.buildInteractiveClient	1	0.012	0.002	
CJSSupport>CJSSupport.getJobSubmissionEnvVars	1	0.012	0.001	
Cluster.Cluster>Cluster.getProfile	5	0.012	0.001	
SerializationNotifier>SerializationNotifier.getInstance	603	0.012	0.012	
... oller/DesktopToolbarController>DesktopToolbarController.getInstance	1	0.012	0.001	
...edNodesCollection>NamedNodesCollection.refreshCacheIfRequired	12	0.012	0.003	
+internal\private\parseFile	4	0.012	0.012	
WorkUnitFinder>WorkUnitFinder.filterByPVPairs	1	0.011	0.002	
sfit.feval>iXYDataFromInputs	799	0.011	0.011	
opaque.char	22	0.011	0.010	
GacommonOptions>GacommonOptions.set.InitialPopulationRange	1	0.011	0.000	
parseType	1	0.011	0.002	
Settings.Settings>Settings.Settings	8	0.011	0.007	
Schema>Schema.isExcluded	1	0.011	0.001	
postPoolCreation	1	0.011	0.001	
urlencode	1	0.011	0.003	
PropSet>PropSet.extractOneProperty	12	0.011	0.006	
rng	1	0.011	0.003	
validateSimpleConstraint	10	0.011	0.006	
datetime.datetime>currentTime	11	0.011	0.006	
addLogoutListener	1	0.011	0.005	
SettingsLevel>SettingsLevel.errorIfLevelsNotGettable	79	0.011	0.008	
..._oolbarController>DesktopToolbarController/DesktopToolbarController	1	0.011	0.002	
ConstructorArgsHelper>iRetainApplicableProperties	3	0.011	0.002	
CJSCluster>CJSCluster.hBuildJob	4	0.011	0.004	
NamedNodesCollection>NamedNodesCollection.getFromName	1	0.011	0.001	
WhyList>WhyList.listedBy	3	0.011	0.011	

parallel_function>PCTInstalled	603	0.010	0.005	
CJSConcurrentJob>CJSConcurrentJob.attachFileDataToJob	1	0.010	0.000	
optimget	336	0.010	0.005	
minimizeFlxPin>seg	3	0.010	0.009	
remoteparfor>remoteparfor.maxBacklog	603	0.010	0.010	
CJSSupport>CJSSupport.attachFileDataToJob	1	0.010	0.000	
minimizeFlxPin>UD	3	0.010	0.008	
gaoptimset>checkfield	44	0.010	0.008	
SolverOptions>SolverOptions.copyForOutputAndPlotFcn	1	0.010	0.004	
serializationProfiling	617	0.010	0.010	
Cluster.Cluster>Cluster.hGetProperty	10	0.010	0.001	
...(files,destMap)applyMoveFcn(op,files,destMap,destSet,reason,rule)	4	0.010	0.001	
Cluster.Cluster>Cluster.pCreateConnectionManager	1	0.010	0.000	
SettingsDataMassager>SettingsDataMassager.convertFromSettings	79	0.010	0.005	
mean>mysize	1702	0.010	0.010	
attributes>valueAttributor	32	0.010	0.009	
grid	1	0.009	0.006	
ValidationHelper>ValidationHelper.ValidationHelper	36	0.009	0.004	
...esCollection>NamedNodesCollection.getNodeFromCacheNoRefresh	1	0.009	0.002	
Local.Local>Local.buildConnectionManager	1	0.009	0.001	
requirements>@()clear('ClassSet')	1	0.009	0.009	
ylabel	1	0.009	0.008	
ValidationHelper>ValidationHelper.validateSize	36	0.009	0.007	
MatlabSymbol>MatlabSymbol.initClasses	1	0.009	0.002	
ConcurrentJob>ConcurrentJob.hSetInteractive	1	0.009	0.000	
SettingsNodeFacade>SettingsNodeFacade.existKeys	79	0.009	0.005	
remoteparfor>remoteparfor.rangeDivided	603	0.009	0.009	
colon_range_check>integer_range_overflow_check	603	0.009	0.009	
ConnMgrBuilder>ConnMgrBuilder.buildForCJS	1	0.009	0.001	
convertPVPairsToChars	3	0.009	0.007	
parallel_function>results	603	0.009	0.009	
fullfile	8	0.009	0.005	
Reflection>Reflection.deriveAndCheckSimpleConstraint	3	0.009	0.002	
minimizeFlxPin>SSE	3	0.009	0.004	
fcnchk	74	0.009	0.009	
Schema>applyMoveFcn	4	0.008	0.002	
parseArgs	8	0.008	0.008	
cell.union	1	0.008	0.002	
Cluster.Cluster>Cluster.hGetPropertyNoCheck	10	0.008	0.002	
FcnWithCellType>FcnWithCellType.validate	4	0.008	0.003	
generateArgumentDescriptor	120	0.008	0.007	
NaT	2	0.008	0.001	
CJSJobMixin>CJSJobMixin.hBuildTask	24	0.008	0.003	
fileparts>legacyPCExecution	296	0.008	0.008	
Cluster.Cluster>Cluster.applyConstructorArgs	1	0.008	0.002	

<u>...ctClusterPool</u> .AbstractClusterPool>AbstractClusterPool.hGetSession	1213	0.008	0.008	
prepareOptionsForSolver	1	0.008	0.001	
graphics\private\clearscribe	1	0.008	0.001	
newplot>ObserveAxesNextPlot	1	0.008	0.002	
Settings.Settings>Settings.amalgamateAndExtractName	1	0.008	0.002	
strsplit	2	0.008	0.006	
Reflection>iGetClassInfo	175	0.008	0.008	
...te)parallel.internal.cluster.checkTimingForSet(state,timing,propName)	6	0.008	0.001	
SettingsNodeFacade>SettingsNodeFacade.errorIfNodeNotValid	158	0.008	0.001	
JavaBackedSession>JavaBackedSession.getFevalQueue	1	0.008	0.002	
globaloptim\private\populationIndices	601	0.008	0.008	
SubmissionChecks>SubmissionChecks.warnIfPoolOpenOnThisCluster	1	0.008	0.000	
iskeyword	601	0.008	0.008	
fittype.isempty	799	0.008	0.008	
GacommOptions>GacommOptions.set.Display	1	0.008	0.000	
NumericType>NumericType.validate	2	0.007	0.002	
globaloptim\private\gaoutput	601	0.007	0.007	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	2	0.007	0.001	
checkTimingForSet	6	0.007	0.002	
...SubplotListenersManager>SubplotListenersManager.addToListeners	1	0.007	0.007	
ClusterProps>ClusterProps.setValueType	1	0.007	0.001	
FileStorage>FileStorage.getLocation	153	0.007	0.007	
postPoolCreation>iLog	1	0.007	0.001	
datetime.datetime>datetime.fromMillis	2	0.007	0.002	
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	1	0.007	0.001	
JavaBackedFuture>iJavaLog	2	0.007	0.007	
PoolArrayManager>iShouldAutoCreate/nGetAutoCreateFromSettings	1	0.007	0.000	
GamultiobjOptions>GamultiobjOptions.set.HybridFcn	1	0.007	0.000	
GacommOptions>GacommOptions.set.UseParallel	1	0.007	0.001	
globaloptim\private\checkPopulationInitRange	1	0.007	0.007	
CJSConcurrentJob>CJSConcurrentJob.CJSConcurrentJob	4	0.007	0.003	
FileStorage>FileStorage.parseTaskRanges	26	0.007	0.007	
Local.Local>Local.calculateMatlabCommandForJob	1	0.007	0.001	
globaloptim\private\gamultiobjsolve>computeMaxConstraint	1	0.007	0.001	
TaskCreation>TaskCreation.createTaskArgCheck	1	0.007	0.002	
ValidationHelper>ValidationHelper.validateClass	36	0.007	0.006	
Reflection>Reflection.elementwiseHasAllProperties	1	0.007	0.001	
cell.union>cellunionR2012a	1	0.007	0.002	
Completion>Completion.isExpected	1	0.007	0.001	
globaloptim\private\gadsplot>cleanupButtons	1	0.007	0.007	
fittype.category	799	0.007	0.007	
DisarmableOncleanup>DisarmableOncleanup.disarm	1209	0.007	0.007	
errorIfPoolAlreadyExists	1	0.007	0.000	
ismember>ismemberR2012a	13	0.007	0.003	
TwoLevelCache>TwoLevelCache.retrieveIfPresent	132	0.007	0.007	
ClusterProps>ClusterProps.addFeatureValue	0	0.006	0.005	

<u>clusterProps>clusterProps.durationValue</u>	o	0.000	0.000	
<u>TwoLevelCache>TwoLevelCache.add</u>	28	0.006	0.006	
<u>PostUpdatePlugin>PostUpdatePlugin.cacheLoad</u>	1	0.006	0.004	
<u>minimizeFlxPin>Tor</u>	3	0.006	0.006	
<u>cachelsExpected</u>	2	0.006	0.003	
<u>fitype.loadobj>iFixAnonymousFunction</u>	799	0.006	0.006	
<u>FevalQueue.FevalQueue>FevalQueue.getQueueForSession</u>	1	0.006	0.001	
<u>cla</u>	1	0.006	0.003	
<u>AttachedFiles>AttachedFiles.copyAllFilesToTempDir</u>	1	0.006	0.002	
<u>AnnotationPane.AnnotationPane>AnnotationPane.doSetup</u>	2	0.006	0.005	
<u>States>iStateMap</u>	87	0.006	0.006	
<u>globaloptim\private\functionHandleOrCell</u>	6	0.006	0.002	
<u>Engine>Engine.numIntervalsFactor</u>	603	0.006	0.006	
<u>NumericType>NumericType.check</u>	2	0.006	0.004	
<u>GacommonOptions>GacommonOptions.set.MutationFcn</u>	1	0.006	0.000	
<u>ExternalException>ExternalException.ExternalException</u>	20	0.006	0.006	
<u>fitype.fevalexpr</u>	799	0.006	0.006	
<u>SolverOptions>SolverOptions.extractOptionsStructure</u>	1	0.006	0.001	
<u>fitype.evaluate>I_LENGTH_FCN</u>	1598	0.006	0.006	
<u>remoteparfor>remoteparfor.initialDispatchFactor</u>	603	0.006	0.006	
<u>Constraints>Constraints.parseConstraint</u>	10	0.006	0.002	
<u>FileStorage>FileStorage.isGroupedTask</u>	5	0.006	0.005	
<u>...odesCollection>NamedNodesCollection.removeInvalidCachedNodes</u>	13	0.006	0.004	
<u>parallelPrint</u>	3	0.006	0.002	
<u>SettingsNodeFacade>iGetSingleCollapsedKey</u>	79	0.006	0.006	
<u>PropSet>PropSet.pvToNamesValues</u>	20	0.006	0.006	
<u>...artesianAxesInteractionContainer.CartesianAxesInteractionContainer</u>	1	0.005	0.001	
<u>prepStringForValidation</u>	5	0.005	0.001	
<u>isPCTInstalled</u>	603	0.005	0.005	
<u>WarningSuppressor>WarningSuppressor.delete</u>	94	0.005	0.005	
<u>datetime.plus</u>	1	0.005	0.001	
<u>MDCSDesktopClient>MDCSDesktopClient.addLogoutListener</u>	1	0.005	0.003	
<u>seconds</u>	3	0.005	0.002	
<u>EnumType>EnumType.validate</u>	1	0.005	0.001	
<u>CJSTask>CJSTask.CJSTask</u>	24	0.005	0.003	
<u>AbstractClusterPool.AbstractClusterPool>iGetArg</u>	8	0.005	0.003	
<u>FevalQueue.FevalQueue>FevalQueue.FevalQueue</u>	1	0.005	0.002	
<u>ValidationHelper>GetCodedSize</u>	30	0.005	0.005	
<u>fitype.numindep</u>	799	0.005	0.005	
<u>strfun\private\convertStringToOriginalTextType</u>	613	0.005	0.005	
<u>NumericWithEmptyType>NumericWithEmptyType.validate</u>	1	0.005	0.001	
<u>CJSCluster>CJSCluster.getClusterEnvVarsForJobSubmission</u>	1	0.005	0.001	
<u>fitype.evaluate>I_ISEMPTY_FCN</u>	799	0.005	0.005	
<u>DisarmableOncleanup>DisarmableOncleanup.delete</u>	1209	0.005	0.005	
<u>fgoalattain</u>	1	0.005	0.005	
<u>minimizeFlxPin>normalize</u>	6	0.005	0.005	

globaloptim\private\gadsplot>plotLayout	601	0.005	0.005	
...commonOptions>GacommonOptions.extractCustomOptionsStructure	1	0.005	0.001	
Reflection>@(x)iHasAllProperties(x,propNames,doShowHidden)	1	0.005	0.000	
strfun\private\isTextStrict	615	0.005	0.005	
fittype.type	799	0.005	0.005	
Reflection>iHasAllProperties	1	0.005	0.000	
datetime.convertFrom	4	0.005	0.004	
minimizeFlxPin>Mom	3	0.005	0.005	
partialMatchString	523	0.005	0.005	
globaloptim\private\isFcn	7	0.005	0.004	
ToolbarController.ToolbarController>ToolbarController.ToolbarController	1	0.005	0.004	
optimget>optimgetfast	336	0.005	0.005	
globaloptim\private\migrate	599	0.005	0.005	
Engine>iClamp	2402	0.005	0.005	
WorkerCommand>WorkerCommand.localCommand	1	0.005	0.001	
...cks>SubmissionChecks.checkSimultaneousTasksBeforeSubmission	1	0.005	0.001	
isStringScalar	1206	0.005	0.005	
WarningSuppressor>WarningSuppressor.didSuppressedWarningOccur	16	0.005	0.003	
Local.Local>Local.updateDerivedProfileProperties	10	0.005	0.002	
GacommonOptions>GacommonOptions.set.PopulationSize	1	0.005	0.001	
GacommonOptions>GacommonOptions.set.CrossoverFraction	1	0.005	0.000	
num2cell	84	0.004	0.004	
RandStream.RandStream>RandStream.subsref	4	0.004	0.004	
datetime.datetime>datetime.isequaln	3	0.004	0.002	
Go_Offset	3	0.004	0.002	
SolverOptions>SolverOptions.getSetByUserOptionsStruct	1	0.004	0.003	
MatlabInspector>resolveFileName	2	0.004	0.002	
FutureOutputHelper>FutureOutputHelper.getDiaryImpl	2	0.004	0.001	
endpoint_check	1206	0.004	0.004	
JavaBackedSessionNotifier>iDatetimeToLong	4	0.004	0.003	
fgetl	41	0.004	0.004	
JavaBackedSessionNotifier>iDatetimeToDate	4	0.004	0.001	
InteractionContainer>InteractionContainer.InteractionContainer	4	0.004	0.003	
...eListenersManager>SubplotDeleteListenersManager.addToListeners	1	0.004	0.004	
validatestring	2	0.004	0.002	
ConcurrentJob>ConcurrentJob.plsMatlabPoolJob	1	0.004	0.000	
FcnType>FcnType.validate	4	0.004	0.003	
logData	1	0.004	0.004	
Cluster.Cluster>Cluster.reorderForSet	1	0.004	0.001	
...tionNotifier>SerializationNotifier.createAccumulatingListener/nGetList	603	0.004	0.004	
datetime.arithUtil	1	0.004	0.002	
cell.unique>celluniquelegacy	7	0.004	0.003	
FileFormat>@()(fclose(fid)	46	0.004	0.004	
...standardAxesInteractionContainer.StandardAxesInteractionContainer	1	0.004	0.001	
ismember>ismemberClassTypes	13	0.004	0.004	

<u>SolverOptions>SolverOptions.setPropertyNoChecks</u>	11	0.004	0.004	
<u>SchedulerType>SchedulerType.isSupported</u>	2	0.004	0.000	
<u>...ssaging.ConnectionManager.buildClientConnManager (Java method)</u>	1	0.004	0.004	
<u>States>States.isValidState</u>	6	0.004	0.002	
<u>...NodesCollection>NamedNodesCollection.get.CachedSettingsNames</u>	12	0.004	0.003	
<u>strip</u>	11	0.004	0.002	
<u>Options>Options.Options</u>	603	0.004	0.004	
<u>AbstractClusterPool.AbstractClusterPool>iCluster</u>	1	0.004	0.001	
<u>Local.Local>iShouldQueryJobState</u>	3	0.004	0.002	
<u>ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)</u>	1	0.004	0.001	
<u>TwoLevelCache>TwoLevelCache.addOrReplace</u>	7	0.004	0.002	
<u>RowVecTrans</u>	1200	0.004	0.004	
<u>parallelPrint>iGetCurrentVerbosityLevel</u>	3	0.004	0.002	
<u>duration.duration>duration.fromMillis</u>	3	0.004	0.003	
<u>CustomGetSet>CustomGetSet.checkValidUserSettablePropNames</u>	1	0.004	0.001	
<u>globaloptim\private\functionHandleOrCellArray</u>	2	0.004	0.003	
<u>Completion>Completion.findAllFiles</u>	1	0.004	0.002	
<u>minimizeFlxPin>Contraction</u>	6	0.003	0.003	
<u>SchedulerType>@()matlab.internal.parallel.isLocalClusterEnabled()</u>	2	0.003	0.001	
<u>PropSet>PropSet.namesValuesToPv</u>	8	0.003	0.003	
<u>globaloptim\private\convertStringCellToCellStr</u>	10	0.003	0.003	
<u>Settings.Settings>Settings.delete</u>	8	0.003	0.002	
<u>CJSSupport>CJSSupport.getRootStorageDir</u>	2	0.003	0.001	
<u>SettingsDataMassager>@(x)~parallel.settings.DefaultValue.isDefault(x)</u>	79	0.003	0.003	
<u>InteractivePoolClient>InteractivePoolClient.InteractivePoolClient</u>	1	0.003	0.001	
<u>CJSSupport>@(x)cellstr(iColumnify(x))</u>	2	0.003	0.003	
<u>strtok</u>	10	0.003	0.002	
<u>FutureOutputHelper>FutureOutputHelper.getWorkersCell</u>	2	0.003	0.002	
<u>opaque.string</u>	9	0.003	0.002	
<u>FileStorage>FileStorage.parseJobIDs</u>	2	0.003	0.002	
<u>range_step_check</u>	603	0.003	0.003	
<u>FutureCreation>FutureCreation.resolveScalarCreationArgs</u>	2	0.003	0.002	
<u>PoolOptions>ilsIsValidMaxNumWorkers</u>	603	0.003	0.003	
<u>@datetime\private\timeZoneAdjustment</u>	4	0.003	0.003	
<u>gacreationuniform</u>	1	0.003	0.003	
<u>...tainer>BaseAxesInteractionContainer.BaseAxesInteractionContainer</u>	1	0.003	0.001	
<u>RandStream.RandStream>RandStream.RandStream</u>	1	0.003	0.003	
<u>ProfileExpander>ProfileExpander.getClusterType</u>	3	0.003	0.001	
<u>ScribeLayer.ScribeLayer>ScribeLayer.childAdded</u>	1	0.003	0.002	
<u>remoteparfor>remoteparfor.getNumWorkers</u>	603	0.003	0.003	
<u>FutureOutputHelper>@(w)char(javaTask.getDiary(w))</u>	12	0.003	0.002	
<u>Completion>schemaMap</u>	1	0.003	0.002	
<u>CJSSupport>CJSSupport.getJobDirOnClient</u>	1	0.003	0.000	
<u>ConcurrentJob>ConcurrentJob.plsInteractivePool</u>	1	0.003	0.000	
<u>ClusterProps>ClusterProps.checkPropertyExists</u>	22	0.003	0.003	
<u>deal</u>	37	0.003	0.003	

gaoptimget	2	0.003	0.003	
ConcurrentJob>ConcurrentJob.ConcurrentJob	4	0.003	0.001	
FileFormat>iSaveState	1	0.003	0.002	
RandStream.RandStream>RandStream.getGlobalStream	1	0.003	0.000	
... StackManager.ScribeStackManager>ScribeStackManager.findLayer	19	0.003	0.003	
ConcurrentJob>ConcurrentJob.hlsPoolInteractive	1	0.003	0.000	
Completion>Completion.parts	1	0.003	0.001	
SettingsLevel>@(x)~x.CanReallyGet	79	0.003	0.001	
isLocalClusterEnabled	2	0.003	0.001	
isCharOrString	602	0.003	0.003	
fullfile>refinePath	8	0.003	0.002	
path	1	0.003	0.003	
Variant>Variant.fromNameI	3	0.003	0.003	
SettingsNodeFacade>SettingsNodeFacade.errorIfKeyNotExist	79	0.003	0.003	
MatlabSymbol>MatlabSymbol.MatlabSymbol	1	0.003	0.003	
AttachedFiles>@()(iRmDirOrError(tempDir,'s'))	1	0.003	0.000	
ClusterProps>ClusterProps.setValueAtSameLevel	10	0.003	0.002	
ProfileExpander>iGetAllProfileInfo	6	0.003	0.003	
istable	201	0.003	0.003	
sortrows>canCallBuiltinHelper	600	0.003	0.003	
setOptimFcnHandleOnWorkers>(parfor body)	2	0.003	0.003	
ValidationHelper>ValidationHelper.validateUsingValidationFunctions	36	0.003	0.003	
RandStream.RandStream>localGetSetGlobalStream	1	0.003	0.003	
datetime.isequalUtil	3	0.003	0.003	
... (x),A,'nonempty',fname,'expectedNonempty',msgId,argname,argpos)	2	0.003	0.001	
graphics\private\clo	2	0.003	0.003	
AttachedFiles>iRmDirOrError	1	0.003	0.003	
..._teractionContainer>TextInteractionContainer.TextInteractionContainer	3	0.003	0.001	
isText	2	0.003	0.003	
States>States.gt	6	0.003	0.001	
Job.Job>Job.errorIfNotPending	1	0.003	0.001	
MatlabSymbol>MatlabSymbol.useWhichToEvaluateSymbol	1	0.002	0.002	
Schema>Schema.isExpected	1	0.002	0.000	
MwFileInspector>@(f)(whatResults(n).(f))'	100	0.002	0.002	
tempname	1	0.002	0.002	
Completion>Completion.computePartsList	1	0.002	0.001	
CJSSupport>iCorrectSlash	5	0.002	0.001	
MatlabLoginController>MatlabLoginController.addLogoutListener	1	0.002	0.002	
... .setMembers(~(~isfunction(setMembers)& ~isClassdef(setMembers)))	1	0.002	0.000	
Reflection>Reflection.getPublicProperties	1	0.002	0.000	
Local.Local>iSafePidName	3	0.002	0.001	
LogicalWithEnumType>LogicalWithEnumType.validate	1	0.002	0.002	
WorkerCommand>WorkerCommand.prependMatlabRoot	1	0.002	0.000	
Local.Local>Local.getClusterSpecificEnvVars	1	0.002	0.000	
JavaBackedFuture>JavaBackedFuture.delete	2	0.002	0.002	

cacheExist	6	0.002	0.002	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	1	0.002	0.002	
PointerMixin>PointerMixin.setPointerStrategy	1	0.002	0.001	
FilenameUtils>FilenameUtils.fixSlashes	6	0.002	0.002	
GacommonOptions>GacommonOptions.set.MaxGenerations	1	0.002	0.001	
mat2cell	1	0.002	0.002	
GetSetImpl>iErrorIfAnyInvalidHandles	81	0.002	0.002	
...ctInteractiveClient>AbstractInteractiveClient.AbstractInteractiveClient	1	0.002	0.001	
remoteparfor>iClamp	603	0.002	0.002	
datetime.datetime>datetime.getsetLocalTimeZone	19	0.002	0.002	
validateSimpleConstraint>iConvertStringToChar	10	0.002	0.002	
GamultiobjOptions>GamultiobjOptions.set.PlotFcn	1	0.002	0.001	
Task.Task>Task.Task	24	0.002	0.002	
ClusterProps>ClusterProps.getValue	10	0.002	0.001	
FevalQueue.FevalQueue>FevalQueue.hIsValid	10	0.002	0.002	
AnalysedSet>AnalysedSet.AnalysedSet	1	0.002	0.002	
FileFormat>iSaveText	1	0.002	0.001	
istimetable	201	0.002	0.002	
AttachedFiles>iMkDirOrError	1	0.002	0.002	
FileStorage>FileStorage.allocateNextTaskIDs	2	0.002	0.001	
PoolArrayManager>PoolArrayManager.add	1	0.002	0.001	
... StackManager.ScribeStackManager>ScribeStackManager.hasLayers	3	0.002	0.001	
DataIdentification>DataIdentification.DataIdentification	1	0.002	0.001	
SettingsLevel>SettingsLevel.get.CanReallyGet	79	0.002	0.002	
strtok>doStrtok	10	0.002	0.002	
globaloptim\private\gamultiobj\solve>fillInMissingScores	1	0.002	0.002	
graphics\private\claNotify	1	0.002	0.002	
+internal\private\initOptionalKeywordDependencies	1	0.002	0.000	
ConnMgrBuilder>ConnMgrBuilder.commonSetup	1	0.002	0.001	
JavaBackedSession>@(\\$sessionFuture.cancel(true))	1	0.002	0.002	
PathUtility>PathUtility.PathUtility	1	0.002	0.001	
FevalQueue.FevalQueue>FevalQueue.errorIfQueueNotValid	2	0.002	0.001	
...uctorArgsHelper>ConstructorArgsHelper.resolveTaskBuildArguments	1	0.002	0.000	
CJSSupport>CJSSupport.getCommJobLogFile	1	0.002	0.000	
Job.Job>Job.Job	4	0.002	0.001	
globaloptim\private\preProcessLinearConstr	1	0.002	0.002	
EnvVars>EnvVars.checkIfEnvironmentVariableDefined	1	0.002	0.000	
Settings.Settings>Settings.clearProperties	8	0.002	0.002	
isoptimargdbl	1	0.002	0.002	
JobStorageEventManager>JobStorageEventManager.notifyCreateJob	1	0.002	0.001	
@datetime\private\verifyTimeZone	8	0.002	0.001	
globaloptim\private\checkbound	1	0.002	0.002	
com.mathworks.toolbox.distcomp.pmode.SessionInfo (Java method)	36	0.002	0.002	
ClusterProps>ClusterProps.checkPropertyDoesNotExist	8	0.002	0.002	
FileStorage>FileStorage.allocateNextJobID	1	0.002	0.000	
FilenameUtils>FilenameUtils.safeWhich	1	0.002	0.002	

<u>GacommOptions>GacommOptions.set.FunctionTolerance</u>	1	0.002	0.000	
<u>globaloptim\private\constrValidate</u>	1	0.002	0.002	
<u>str2num</u>	3	0.002	0.002	
<u>clearNotify</u>	1	0.002	0.002	
<u>PostUpdatePlugin>isAxesToolbarExcluded</u>	1	0.002	0.002	
<u>FileStorage>FileStorage.createFileStorage</u>	1	0.002	0.001	
<u>JavaBackedFuture>iGetMillisRemaining</u>	4	0.002	0.001	
<u>...odeStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy</u>	1	0.002	0.001	
<u>...ivate\initOptionalKeywordDependencies>isPCTInstalledAndLicensed</u>	1	0.001	0.001	
<u>attributes>findSupportedAttr</u>	32	0.001	0.001	
<u>FevalOnAllFuture>FevalOnAllFuture.getAllOutputsCell</u>	2	0.001	0.000	
<u>FutureOutputHelper>@(idx)wList.get(idx)</u>	12	0.001	0.001	
<u>Capability>Capability.isSupported</u>	2	0.001	0.001	
<u>fullfile>ensureTrailingFilesep</u>	8	0.001	0.001	
<u>CJSSupport>iColumnify</u>	9	0.001	0.001	
<u>datetime.datetime>datetime.empty</u>	3	0.001	0.001	
<u>FileManager>FileManager.FileManager</u>	1	0.001	0.001	
<u>postPoolCreation>iGetPoolType</u>	1	0.001	0.000	
<u>pctconfig</u>	5	0.001	0.001	
<u>validatestring>checkString</u>	2	0.001	0.001	
<u>FutureOutputHelper>FutureOutputHelper.buildForBroadcastRequest</u>	2	0.001	0.000	
<u>replace</u>	1	0.001	0.001	
<u>getOnlineLicenseInfo</u>	2	0.001	0.001	
<u>States>States.isTerminal</u>	34	0.001	0.001	
<u>+internal\private\isfunction</u>	1	0.001	0.001	
<u>Task.Task>Task.getId</u>	18	0.001	0.001	
<u>JavaBackedFuture>JavaBackedFuture.submitImpl</u>	2	0.001	0.001	
<u>Target>Target.int</u>	4	0.001	0.001	
<u>join</u>	2	0.001	0.001	
<u>FileStorage>FileStorage.getLastJobIDFromDisk</u>	1	0.001	0.000	
<u>GacommOptions>GacommOptions.set.CrossoverFcn</u>	1	0.001	0.000	
<u>FutureOutputHelper>iGetWorkerIndex</u>	12	0.001	0.001	
<u>doParpool>iSetDefaultRandStream</u>	1	0.001	0.001	
<u>...lusterPool.AbstractClusterPool>AbstractClusterPool.createListeners</u>	1	0.001	0.001	
<u>AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl</u>	2	0.001	0.001	
<u>Schema>@(setMembers)setMembers(~isscript(setMembers))</u>	1	0.001	0.000	
<u>isScalarText</u>	10	0.001	0.001	
<u>IntegerType>IntegerType.validate</u>	2	0.001	0.001	
<u>replaceEnumStringWithFcnHdl</u>	7	0.001	0.001	
<u>Completion>fullpath</u>	1	0.001	0.000	
<u>SolverOptions>SolverOptions.convertForSolver</u>	1	0.001	0.001	
<u>MwFileInspector>@(f)isfield(whatResults,f)</u>	50	0.001	0.001	
<u>globaloptim\private\positiveIntegerArray</u>	1	0.001	0.001	
<u>isMatchingSize</u>	30	0.001	0.001	
<u>...aBackedSession>JavaBackedSession.getFileDependenciesAssistant</u>	2	0.001	0.001	

States>States.compare	6	0.001	0.001	
EnvVars>EnvVars.getEnvironmentVariablesMap	1	0.001	0.000	
+internal\private\isfullpath	3	0.001	0.001	
Future>Future.get.OutputArguments	2	0.001	0.000	
datetime.datetime>datetime.lt	1	0.001	0.000	
str2double	18	0.001	0.001	
opaque.string>jstring2string	9	0.001	0.001	
Target>Target.parse	1	0.001	0.001	
CJSJobMixin>CJSJobMixin.hGetSupportID	118	0.001	0.001	
duration.duration>duration.isequaln	1	0.001	0.000	
ClassSet>ClassSet.knownClasses	1	0.001	0.001	
...>NamedNodesCollection.removeNodesAndEnsureConsistentCache	13	0.001	0.001	
refresh	1	0.001	0.001	
globaloptim\private\validate>rangeCorrection	1	0.001	0.001	
Reflection>Reflection.getAllUserSettableProperties	1	0.001	0.001	
Completion>Completion.isAllowed	1	0.001	0.000	
CJSCluster>CJSCluster.getWebLicensingEnvVars	1	0.001	0.000	
Reflection>Reflection.propertyUsesGetSet	1	0.001	0.000	
globaloptim\private\initialPopulationCheck	1	0.001	0.001	
..bStorageEventManager>JobStorageEventManager.notifyCreateTasks	2	0.001	0.001	
+internal\private\isscript	1	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.addChild	2	0.001	0.001	
...tiveClient>AbstractInteractiveClient.getSetJobCheckIntervalSeconds	20	0.001	0.001	
+internal\private\extension	6	0.001	0.001	
dct_psname	3	0.001	0.001	
requirements>@()clear('c')	1	0.001	0.001	
mustBeValidGraphicsObject	4	0.001	0.001	
globaloptim\private\rankAndDistance>sortedRank	1	0.001	0.001	
strfun\private\strescape	4	0.001	0.001	
Local.Local>Local.hErrorIfNumPoolWorkersInvalid	1	0.001	0.001	
SolverOptions>SolverOptions.getSetByUserOptionNames	1	0.001	0.001	
datetime.datetime>datetime.posixtime	2	0.001	0.001	
globaloptim\private\gadspplot>updatelist	1	0.001	0.001	
validateSimpleConstraint>iIsWorkerLimits	4	0.001	0.001	
CJSSupport>iIsJobType	142	0.001	0.001	
AbstractInteractiveClient>@()parallel.internal.display.parallelPrint(1,'\\n')	1	0.001	0.000	
NamedNode>NamedNode.get.SettingsName	60	0.001	0.001	
...x)any(strcmp(x,SettingsDataMassager.NeedConversionConstraints))	79	0.001	0.001	
JobPathHelper>iContainsRoot	2	0.001	0.001	
...l.util.resourcemanagement.DisposableObjectWrapper (Java method)	32	0.001	0.001	
TaskCreation>TaskCreation.checkTaskFcn	1	0.001	0.000	
duration.duration>duration.duration	3	0.001	0.001	
+internal\private\qualifiedName	1	0.001	0.001	
Cluster.Cluster>Cluster.hGetDefaultPoolNumWorkersRange	1	0.001	0.000	
FcnType>FcnType.checkMemberOfValues	1	0.001	0.001	

gaoptimset>checkValidStrings	3	0.001	0.001
generateArgumentDescriptor>isCharOrString	360	0.001	0.001
TwoLevelCache>TwoLevelCache.isKey	7	0.001	0.001
ConnMgrBuilder>iResolveConnectionTopology	1	0.001	0.001
fullfile>addTrailingFileSep	8	0.001	0.001
WorkerCommand>WorkerCommand.getMatlabPathRelativeToRoot	1	0.001	0.000
opaque.toChar	1	0.001	0.001
repmat>checkSizesType	113	0.001	0.001
FileStorage>@(range)range(1):range(end)	45	0.001	0.001
...ol.AbstractClusterPool>AbstractClusterPool.parfevalErrorCheckPool	2	0.001	0.001
currentDesktopClient	1	0.001	0.001
FutureOutputHelper>FutureOutputHelper.FutureOutputHelper	2	0.001	0.001
ClusterProps>ClusterProps.setValue	1	0.001	0.001
globaloptim\private\validate>validNumberofVariables	1	0.001	0.001
fullfile>fixIRI	5	0.001	0.001
getLicMode	2	0.001	0.001
minimizeFlxPin>LMT	3	0.001	0.001
RandStream.RandStream>RandStream.compatName	1	0.001	0.001
Schema>Schema.isAllowed	1	0.001	0.001
usejava	4	0.001	0.001
CJSSupport>CJSSupport.notifySubmitJob	1	0.001	0.000
workerRandStreamIndex	1	0.001	0.000
FileStorage>FileStorage.getLastTaskIDFromDisk	1	0.001	0.000
Future>Future.Future	2	0.001	0.001
Local.hSubmitCommunicatingJob>iLocalNumWorkersCheck	1	0.001	0.000
isPoolWorker	1	0.001	0.000
FileStorage>FileStorage.getTaskLocation	11	0.001	0.000
JavaBackedFuture>JavaBackedFuture.getOutputArguments	2	0.001	0.000
...taskManager.ScribeStackManager>ScribeStackManager.getInstance	1	0.001	0.001
CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	1	0.001	0.001
cell.unique>localcat	14	0.001	0.001
validatestring>checkInputs	2	0.001	0.001
ISessionNotifier>ISessionNotifier.getInstance	3	0.001	0.001
getWorkerDebugSetting	2	0.001	0.001
datetime.datetime>datetime.size	3	0.001	0.001
newplot>ObserveFigureNextPlot	1	0.001	0.001
DefaultValue>DefaultValue.isDefault	83	0.001	0.001
ConnMgrBuilder>ConnMgrBuilder.chooseCommGroup	1	0.001	0.000
...tenersManager>SubplotListenersManager.SubplotListenersManager	1	0.001	0.001
...odeStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	1	0.001	0.001
Capability>Capability.Current	2	0.001	0.001
duration.isequalUtil	1	0.001	0.001
Local.Local>iWarnForLowProcessLimits	1	0.001	0.001
reqenv	2	0.001	0.001
JobStorageEventData>JobStorageEventData.JobStorageEventData	4	0.001	0.001
...lusterPool.AbstractClusterPool>AbstractClusterPool.get.FevalQueue	2	0.001	0.000

<u>datetime.compareUtil</u>	1	0.001	0.000	
<u>FileStorage>FileStorage.getJobLocation</u>	28	0.001	0.001	
<u>Completion>Completion.buildTraceList</u>	1	0.001	0.001	
<u>Schema>@(setMembers)setMembers(~isbuiltin(setMembers))</u>	1	0.001	0.000	
<u>CustomPropDisp>CustomPropDisp.CustomPropDisp</u>	29	0.001	0.001	
<u>LogicalType>LogicalType.validate</u>	1	0.001	0.001	
<u>MatlabInspector>MatlabInspector.knownExtension</u>	2	0.001	0.001	
<u>LocalUtils>LocalUtils.getScheduler</u>	1	0.001	0.001	
<u>EevalOnAllFuture>EevalOnAllFuture.submitScalar</u>	2	0.001	0.000	
<u>MwFileInspector>MwFileInspector.delete</u>	2	0.001	0.001	
<u>GetSetImpl>GetSetImpl.errorIfNonPublicSettableProps</u>	1	0.001	0.000	
<u>getCurrentCluster</u>	1	0.001	0.000	
<u>parallel\private\getCurrentEntity</u>	3	0.001	0.001	
<u>duration.duration>duration.size</u>	3	0.001	0.001	
<u>..hema>@(setMembers)setMembers(~hasext(setMembers,['_.mexext']))</u>	1	0.001	0.000	
<u>PostUpdatePlugin>localGetCanvasContainingAncestor</u>	1	0.001	0.001	
<u>validateSimpleConstraint>isStringOrEmpty</u>	2	0.001	0.000	
<u>ChildEventData>ChildEventData.ChildEventData</u>	1	0.001	0.001	
<u>Reflection>Reflection.getNonPublicProperties</u>	1	0.001	0.000	
<u>workerRandStreamIndex>iCalcInitialState</u>	1	0.001	0.000	
<u>CJSJobMixin>CJSJobMixin.checkForChangesInStateEnum</u>	13	0.001	0.001	
<u>ToolbarFactory>ToolbarFactory.getInstance</u>	1	0.001	0.001	
<u>CustomSettingsGetSet>CustomSettingsGetSet.CustomSettingsGetSet</u>	8	0.001	0.001	
<u>ClassSet>ClassSet.registerClassFilters</u>	1	0.001	0.000	
<u>CustomGetSet>CustomGetSet.CustomGetSet</u>	29	0.001	0.001	
<u>validateSimpleConstraint>isCellStrWithNonemptyString</u>	1	0.001	0.001	
<u>...Files>AttachedFiles.convertFunctionHandleForDependencyAnalysis</u>	1	0.001	0.001	
<u>ScribeLayer.ScribeLayer>ScribeLayer.checkValidity</u>	1	0.001	0.001	
<u>validateopts_UseParallel</u>	5	0.001	0.001	
<u>JobStorageEventManager>JobStorageEventManager.notifySubmitJob</u>	1	0.001	0.000	
<u>CJSJobMixin>CJSJobMixin.CJSJobMixin</u>	4	0.001	0.001	
<u>globaloptim\private\gacommon>determineType</u>	1	0.001	0.001	
<u>pGetDefaultUsername</u>	2	0.001	0.001	
<u>hasDisplay</u>	2	0.001	0.001	
<u>FutureInputHelper>FutureInputHelper.FutureInputHelper</u>	2	0.000	0.000	
<u>CJSJobMethods>@(x)isequal(x,States.Pending)</u>	6	0.000	0.000	
<u>ToleranceType>ToleranceType.validate</u>	1	0.000	0.000	
<u>FutureID>FutureID.reserveIDs</u>	2	0.000	0.000	
<u>attributes>@(x)~isempty(x)</u>	2	0.000	0.000	
<u>mcrShutdownHandler</u>	9	0.000	0.000	
<u>+internal\private\isMcode</u>	2	0.000	0.000	
<u>RandStream.randi</u>	1	0.000	0.000	
<u>parcluster>iGetBuilderFromClassName</u>	1	0.000	0.000	
<u>JavaBackedSession>JavaBackedSession.getConnectionInfo</u>	1	0.000	0.000	
<u>dct_psfcns (MEX-file)</u>	4	0.000	0.000	

CJSJobMethods>@(x)x.isTerminal()	6	0.000	0.000	
FutureCreation>FutureCreation.resolveNumArgsOut	2	0.000	0.000	
JavaBackedSession>JavaBackedSession.JavaBackedSession	1	0.000	0.000	
Identification>Identification.Identification	1	0.000	0.000	
...s.toolbox.distcomp.pmode.taskqueue.TaskQueueImpl (Java method)	12	0.000	0.000	
dct_arch	1	0.000	0.000	
PoolArrayManager>iGetSingleton	2	0.000	0.000	
AbstractClient>AbstractClient.AbstractClient	1	0.000	0.000	
CustomGetSet>CustomGetSet.preVectorisedGet	7	0.000	0.000	
globaloptim\private\positiveInteger	4	0.000	0.000	
AbstractLoginController>AbstractLoginController.createLogoutListener	1	0.000	0.000	
tempdir	1	0.000	0.000	
AbstractInteractiveClient>AbstractInteractiveClient.buildCheckFcn	1	0.000	0.000	
FutureCreation>FutureCreation.FutureCreation	2	0.000	0.000	
cacheEdge	1	0.000	0.000	
globaloptim\private\realUnitScalar	3	0.000	0.000	
Job.Job>Job.errorIfInvalid	3	0.000	0.000	
AttachedFileMap>AttachedFileMap.AttachedFileMap	1	0.000	0.000	
...poolmessaging.ConnectionManager.createAcceptInfo (Java method)	1	0.000	0.000	
com.mathworks.hg.util.DeferToldleState.execute (Java method)	1	0.000	0.000	
Future>Future.hlsValid	2	0.000	0.000	
datetime.datetime>datetime.isEmpty	4	0.000	0.000	
PoolArrayManager>PoolArrayManager.getCurrentWithCleanup	2	0.000	0.000	
Cluster.Cluster>Cluster.setProfileObjectAndListeners	1	0.000	0.000	
opaque.eq	1	0.000	0.000	
PathUtility>PathUtility.get.FullToolboxRoot	2	0.000	0.000	
CJSSupport>@(x)isequal(x,refTaskFcn)	4	0.000	0.000	
...lcomp_pmode.taskqueue.DefaultTaskEvaluationResult (Java method)	24	0.000	0.000	
OsType>OsType.forClient	7	0.000	0.000	
TaskFunctionCache>TaskFunctionCache.TaskFunctionCache	1	0.000	0.000	
globaloptim\private\stringSet	8	0.000	0.000	
globaloptim\private\gamultiobjHybrid>(parfor body)	1	0.000	0.000	
NumericType>@(x)>limits(1)	1	0.000	0.000	
Schema>@(setMembers)setMembers(~hasext(setMembers,'p'))	1	0.000	0.000	
RandStream.RandStream>getargs	1	0.000	0.000	
errorIfPoolThreadWorker	3	0.000	0.000	
CJSSupport>CJSSupport.getRootStorageStruct	2	0.000	0.000	
+internal\private\getPrivateFiles	1	0.000	0.000	
+internal\private\isbuiltin	1	0.000	0.000	
FileSystemCache>FileSystemCache.cacheType	1	0.000	0.000	
EvalQueue.EvalQueue>iAllocateQueueID	1	0.000	0.000	
pathsep	2	0.000	0.000	
FutureID>FutureID.reserveUIDs	2	0.000	0.000	
globaloptim\private\nonNegScalar	2	0.000	0.000	
FutureOutputHelper>FutureOutputHelper.delete	2	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	1	0.000	0.000	

globaloptim\private\createAnonymousFcn	1	0.000	0.000
FutureCreation>FutureCreation.resolveFcn	2	0.000	0.000
java.util.concurrent.atomic.AtomicInteger (Java method)	21	0.000	0.000
WorkUnitFinder>@(x)isequal(x,values{i})	6	0.000	0.000
ClassSet>ClassSet.remove	1	0.000	0.000
NumericType>@(x)ismatrix(x)&&size(x,1)==2	1	0.000	0.000
datetime.isnat	4	0.000	0.000
globaloptim\private\positiveScalar	1	0.000	0.000
RpToTrans	3	0.000	0.000
+internal\private\hasext	2	0.000	0.000
getCurrentJob	1	0.000	0.000
ClusterProps>ClusterProps.ClusterProps	1	0.000	0.000
Local.hSubmitCommunicatingJob>iCommJobEnvVars	1	0.000	0.000
EnvVars>EnvVars.getLocalEnvironment	1	0.000	0.000
NumericType>@(x)x>=limits(1)	1	0.000	0.000
duration.duration>duration.isscalar	3	0.000	0.000
FileStorage>FileStorage.errorIfInvalid	3	0.000	0.000
datetime.datetime>datetime.isscalar	3	0.000	0.000
MatlabInspector>isValidMatlabFileName	1	0.000	0.000
TaskFunctionCache>TaskFunctionCache.put	1	0.000	0.000
validateSimpleConstraint>iValidate	10	0.000	0.000
Completion>Completion.computeDependencies	1	0.000	0.000
FutureOutputHelper>FutureOutputHelper.getOutputArguments	2	0.000	0.000
duration.duration>duration.seconds	2	0.000	0.000
pwd	3	0.000	0.000
TwoLevelCache>TwoLevelCache.TwoLevelCache	1	0.000	0.000
CJSCluster>CJSCluster.getDefaultEnvVarsForJobSubmission	1	0.000	0.000
CJSSupport>@(x)isequal(size(x),refArgsInSize)	4	0.000	0.000
java.util.concurrent.atomic.AtomicBoolean (Java method)	1	0.000	0.000
NumericType>@(x)x<limits(2)	1	0.000	0.000
FileStorage>FileStorage.getGroupedTaskLocation	1	0.000	0.000
AttachedFiles>AttachedFiles.removeFilesInAttachedDirs	1	0.000	0.000
SymbolQueue>SymbolQueue.SymbolQueue	2	0.000	0.000
AttachedFiles>AttachedFiles.generateTempDirectoryStructure	1	0.000	0.000
...works.toolbox.distcomp.pmode.taskqueue.Task\$State (Java method)	8	0.000	0.000
checkNumberOfArguments	1	0.000	0.000
+internal\private\realpath	1	0.000	0.000
...er>SubplotDeleteListenersManager.SubplotDeleteListenersManager	1	0.000	0.000
TaskFunctionCache>TaskFunctionCache.contains	1	0.000	0.000
java.util.ArrayList (Java method)	14	0.000	0.000
Task.Task>Task.loadCheck	24	0.000	0.000
Schema>Schema.set.depDepot	1	0.000	0.000
...ode.matlabpool.sessions.ClientSessionBuilder.initiate (Java method)	1	0.000	0.000
MatlabSymbol>MatlabSymbol.isData	1	0.000	0.000
StringSet>StringSet.StringSet	1	0.000	0.000

<u>FutureID>@(x)iGetNextID</u>	2	0.000	0.000	
<u>FutureCreation>FutureCreation.resolveInputs</u>	2	0.000	0.000	
<u>...ettingsPropDisp>CustomSettingsPropDisp.CustomSettingsPropDisp</u>	8	0.000	0.000	
<u>currentJobStorageEventManager</u>	1	0.000	0.000	
<u>AbstractClusterPool.AbstractClusterPool>iGetNextID</u>	1	0.000	0.000	
<u>isFigureShowEnabled</u>	2	0.000	0.000	
<u>AbstractStorage>AbstractStorage.getLocationsFromDirInfo</u>	2	0.000	0.000	
<u>NumericType>@(x)x<=limits(2)</u>	1	0.000	0.000	
<u>...eue.FevalQueue>FevalQueue.removeFuncToBeDispatchedOnFinish</u>	2	0.000	0.000	
<u>Completion>Completion.recordExpected</u>	1	0.000	0.000	
<u>Job.Job>Job.loadCheck</u>	4	0.000	0.000	
<u>duration.isEqualUtil>toMillisLocal</u>	2	0.000	0.000	
<u>requirements>@()arrayfun(@(s)warning(s),externalAPIwarnOrgState)</u>	1	0.000	0.000	
<u>PointerModeStrategy>PointerModeStrategy.PointerModeStrategy</u>	1	0.000	0.000	
<u>PointerMixin>PointerMixin.PointerMixin</u>	1	0.000	0.000	
<u>@datetime\private\checkCompatibleTZLeapSeconds</u>	1	0.000	0.000	
<u>AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy</u>	1	0.000	0.000	
<u>AttachedFiles>AttachedFiles.zipFiles</u>	1	0.000	0.000	
<u>...mathworks.toolbox.distcomp.pmode.SessionInfo.build</u> (Java method)	2	0.000	0.000	
<u>getCurrentTask</u>	1	0.000	0.000	
<u>JavaBackedFuture>JavaBackedFuture.maxDiaryOutput</u>	2	0.000	0.000	
<u>...distcomp.pmode.taskqueue.FevalBroadcastTask.build</u> (Java method)	2	0.000	0.000	
<u>FutureID>@(x)iGetNextUID</u>	2	0.000	0.000	
<u>FileSystemCache>FileSystemCache.FileSystemCache</u>	1	0.000	0.000	
<u>RandStream.RandStream>RandStream.delete</u>	1	0.000	0.000	
<u>FutureInputHelper>FutureInputHelper.delete</u>	2	0.000	0.000	
<u>TaskCreation>TaskCreation.checkNumArgsOut</u>	1	0.000	0.000	
<u>CJSCluster>CJSCluster.getDebugEnvVars</u>	1	0.000	0.000	
<u>...e>AbstractStorage.getSubmissionLocationAndStorageLocationStruct</u>	1	0.000	0.000	
<u>RandStream.RandStream>RandStream.algName</u>	1	0.000	0.000	
<u>StableCharMap>StableCharMap.StableCharMap</u>	1	0.000	0.000	
<u>AttachedFiles>AttachedFiles.filterToolboxAndBuiltin</u>	1	0.000	0.000	
<u>isPoolRunningOnEquivalentCluster</u>	1	0.000	0.000	
<u>FutureID>iGetNextID</u>	2	0.000	0.000	
<u>validateSimpleConstraint>ilIsIntegerScalar</u>	1	0.000	0.000	
<u>CJSCluster>CJSCluster.hGetSupportID</u>	1	0.000	0.000	
<u>FutureID>iGetNextUID</u>	2	0.000	0.000	
<u>TaskCreation>TaskCreation.checkArgsIn</u>	1	0.000	0.000	
<u>PoolArrayManager>PoolArrayManager.cleanupStalePools</u>	1	0.000	0.000	
<u>validateSimpleConstraint>ilIsNonEmptyString</u>	2	0.000	0.000	
<u>ProfileExpander>ProfileExpander.getClusterProperties</u>	1	0.000	0.000	
<u>java.util.logging.Logger</u> (Java method)	2	0.000	0.000	
<u>ParpoolJobConstants>ParpoolJobConstants.isParpoolJob</u>	1	0.000	0.000	
<u>ProfileExpander>ProfileExpander.getTaskProperties</u>	1	0.000	0.000	
<u>ProfileExpander>ProfileExpander.getJobProperties</u>	1	0.000	0.000	

<u>@dateurne.private@developsign</u>	1	0.000	0.000	
...saging.ConnectionManager.createClientPeerInstance (Java method)	1	0.000	0.000	
<u>validateSimpleConstraint>isLogicalScalar</u>	2	0.000	0.000	
...allel.pctutil.logging.DistcompLevel.getValue (Java method)	2	0.000	0.000	
...tcomp.pmode.taskqueue.TaskCompletionWaiter.build (Java method)	1	0.000	0.000	
<u>FutureCreation>iOneFunctionOk</u>	2	0.000	0.000	
...pmode.poolmessaging.ConnectionManager\$Acceptor (Java method)	1	0.000	0.000	
<u>Completion>Completion.resolveUnknownType</u>	1	0.000	0.000	
<u>java.util.Date (Java method)</u>	5	0.000	0.000	
<u>requirements>@(w)warning('off',w)</u>	2	0.000	0.000	
...bstractClusterPool>AbstractClusterPool.hCurrentJobStartupTimeout	1	0.000	0.000	
<u>ClassSet>excludeFilter</u>	1	0.000	0.000	
...comp.pmode.poolmessaging.MatlabPoolPeerInstance (Java method)	12	0.000	0.000	
<u>SymbolQueue>SymbolQueue.isEmpty</u>	1	0.000	0.000	
<u>requirements>@(s)warning(s)</u>	2	0.000	0.000	
<u>AttachedFiles>AttachedFiles.addAuthFilesIfDeployed</u>	1	0.000	0.000	
<u>Job.Job>iGetDependenciesAndSubfolders</u>	1	0.000	0.000	
<u>java.lang.System.currentTimeMillis (Java method)</u>	4	0.000	0.000	
<u>AbstractStorage>AbstractStorage.checkLocationIsString</u>	1	0.000	0.000	
<u>CJSSupport>@(x)x.Name</u>	1	0.000	0.000	
<u>FevalOnAllFuture>FevalOnAllFuture.setReadScalar</u>	2	0.000	0.000	
<u>ClassSet>expectFilter</u>	1	0.000	0.000	
<u>duration.duration>duration.milliseconds</u>	1	0.000	0.000	
<u>validateSimpleConstraint>isNumericScalar</u>	1	0.000	0.000	
...ode.matlabpool.attachedfiles.PathNotificationListener (Java method)	2	0.000	0.000	
<u>java.util.UUID (Java method)</u>	1	0.000	0.000	
...ox.distcomp.util.PathNotificationGateway.addListener (Java method)	1	0.000	0.000	
<u>Local.Local>Local.hIsVariantSupported</u>	2	0.000	0.000	
<u>ClassSet>allowFilter</u>	1	0.000	0.000	
<u>ISession>ISession.ISession</u>	1	0.000	0.000	
...s.toolbox.distcomp.pmode.SessionInfo\$SessionState (Java method)	3	0.000	0.000	
<u>TaskCreation>TaskCreation.assertArgsInCell</u>	1	0.000	0.000	
<u>Cluster.Cluster>Cluster.hFilterEnvironmentVariables</u>	1	0.000	0.000	
<u>TaskCreation>TaskCreation.assertScalarJob</u>	1	0.000	0.000	
<u>SessionObject>SessionObject.SessionObject</u>	1	0.000	0.000	
<u>Constants>Constants.Constants</u>	1	0.000	0.000	
<u>FileStorage>FileStorage.getRootLocation</u>	1	0.000	0.000	
<u>clusterParpoolProperties</u>	1	0.000	0.000	
<u>CJSTask>CJSTask.checkVectorizedSetSupport</u>	1	0.000	0.000	
<u>CustomGetSet>CustomGetSet.checkVectorizedSetSupport</u>	1	0.000	0.000	
<u>MatFileInspector>MatFileInspector.delete</u>	1	0.000	0.000	
<u>Cluster.Cluster>Cluster.preCreateJob</u>	1	0.000	0.000	
<u>MatlabInspector>MatlabInspector.delete</u>	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.