

Profile Summary (Total time: 12.757 s)

Generated 14-Jul-2021 16:07:04 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
experimentRuns	1	12.757	1.496	
inference_routine	5	11.124	0.024	
parallel_function	60	10.509	0.034	
parallel_function>distributed_execution	60	10.142	0.158	
remoteparfor>remoteparfor.getCompleteIntervals	585	9.557	0.536	
java.util.concurrent.LinkedBlockingQueue (Java method)	1575	8.600	8.600	
voltage_deg_model_sparse_conductance	15	0.576	0.576	
remoteparfor>remoteparfor.addInterval	1515	0.351	0.113	
remoteparfor>remoteparfor.deserialize	1515	0.299	0.091	
parallel_function>@(initData,F)createEngine(M,initData,F)	60	0.273	0.001	
PoolOptions>PoolOptions.createEngine	60	0.271	0.005	
remoteparfor>remoteparfor.remoteparfor	60	0.267	0.011	
remoteparfor>remoteparfor.buildParforController	60	0.249	0.027	
deserialize	1515	0.208	0.155	
remoteparfor>remoteparfor.serialize	1575	0.175	0.014	
getJavaFutureInterruptibly	60	0.163	0.022	
serialize	1575	0.161	0.031	
getJavaFutureResult	60	0.134	0.004	
java.util.concurrent.FutureTask (Java method)	120	0.131	0.131	
writematrix	5	0.124	0.003	
...s.toolbox.distcomp.pmode.parfor.ParforControllerImpl (Java method)	1995	0.109	0.109	
distcompserialize64 (MEX-file)	1575	0.077	0.077	
writetable	5	0.075	0.008	
remoteparfor>remoteparfor.displayOutput	1515	0.057	0.050	
distcompMakeByteBufferHandles (MEX-file)	1575	0.054	0.054	
...pmode.parfor.ParforControllerImpl\$IntervalResultImpl (Java method)	4545	0.050	0.050	
writeTextFile	5	0.049	0.010	
table.table>table.table	5	0.038	0.005	
parallel_function>distributed_execution/consume_reduce	1260	0.030	0.030	
remoteparfor>remoteparfor.complete	60	0.027	0.002	
parforOptions	60	0.024	0.002	
distcompByteBufferHandles2MxArray (MEX-file)	1515	0.024	0.024	
remoteparfor>remoteparfor.awaitCompletionDisplayingOutput	60	0.023	0.018	
PoolOptions>PoolOptions.build	60	0.022	0.005	
remoteparfor>iTimeUnitSeconds	645	0.017	0.017	
PoolOptions>PoolOptions.PoolOptions	60	0.017	0.006	
distcompdeserialize (MEX-file)	1515	0.015	0.015	
tabular.tabular>tabular.initInternals	5	0.015	0.002	
...tClusterPool.AbstractClusterPool>AbstractClusterPool.hGetIsUsable	180	0.015	0.007	
com.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)	1515	0.015	0.015	
netTruCreatePoolIfNecessary	60	0.015	0.002	

poolManager.createPoolIfNeeded	60	0.013	0.003	
makeUniqueStrings	10	0.013	0.005	
rng	5	0.012	0.002	
tabularDimension>tabularDimension.createLike	10	0.012	0.001	
PoolArrayManager>PoolArrayManager.getOrCreateWithCleanup	60	0.012	0.001	
...usterPool.AbstractClusterPool>AbstractClusterPool.get.NumWorkers	60	0.010	0.003	
tabularDimension>tabularDimension.setLabels	10	0.010	0.002	
PoolArrayManager>iManipulatePoolArray	60	0.010	0.003	
varNamesDim>varNamesDim.createLike	5	0.010	0.001	
Engine>Engine.divideRangeIntoIntervals	60	0.010	0.002	
parseArgs	20	0.010	0.010	
remoteparfor>remoteparfor.allIntervalsAdded	60	0.010	0.005	
colon_range_check	60	0.010	0.006	
JavaBackedSession>JavaBackedSession.createParforController	60	0.010	0.003	
SerializationNotifier>SerializationNotifier.createAccumulatingListener	60	0.009	0.003	
JavaBackedSession>JavaBackedSession.isSessionRunning	180	0.008	0.007	
com.mathworks.toolbox.distcomp.pmode.Session (Java method)	300	0.008	0.008	
tabular.subsref	15	0.008	0.002	
...ClusterPool.AbstractClusterPool>AbstractClusterPool.get.Connected	120	0.008	0.001	
errorIfXML	5	0.007	0.001	
metaDim>metaDim.checkAgainstVarLabels	5	0.007	0.001	
varNamesDim>varNamesDim.validateAndAssignLabels	5	0.007	0.003	
writeTextFile>varPackParams	5	0.007	0.003	
Engine>divide_biharmonic	60	0.007	0.005	
dctSchedulerMessage	181	0.006	0.003	
tabular.subsrefDot	15	0.006	0.003	
fullfile	5	0.006	0.003	
remoteparfor>remoteparfor.delete	60	0.006	0.001	
writeTextFile>numRowsPerChunk	5	0.005	0.002	
makeUniqueStrings>makeUnique	10	0.005	0.005	
writeTextFile>variableTraits	5	0.005	0.005	
SerializationNotifier>SerializationNotifier.createSerializationListener	60	0.005	0.004	
RandStream.RandStream>RandStream.RandStream	5	0.005	0.003	
remoteparfor>remoteparfor.drainIntervals	60	0.005	0.003	
remoteparfor>iErrorCheckPool	60	0.004	0.001	
rng>getCurrentType	5	0.004	0.001	
fileparts	15	0.004	0.002	
remoteparfor>iDisplayStringArray	120	0.004	0.004	
parallel\private\dctSchedulerMessageHandler	181	0.004	0.004	
cell.unique	5	0.004	0.003	
validatestring	5	0.004	0.001	
istable	1265	0.003	0.003	
writeTextFile>rowFormat	5	0.003	0.003	
...thworks.toolbox.distcomp.pmode.DrainableOutputImpl (Java method)	120	0.003	0.003	
getJavaFutureInterruptibly>@()/future.cancel(true)	60	0.003	0.003	
writeTextFile>closeAndORDelete	5	0.003	0.003	

inferenceRoutine>(parfor body)	60	0.003	0.003	
JavaBackedSession>JavaBackedSession.getPoolSize	60	0.003	0.002	
tabular.getProperty	5	0.003	0.002	
RandStream.RandStream>localGetSetGlobalStream	10	0.003	0.002	
writeTextFile>processChunk	10	0.003	0.001	
istimetable	1260	0.002	0.002	
varNamesDim>varNamesDim.makeValidName	5	0.002	0.001	
tabular.size	15	0.002	0.002	
remoteparfor>remoteparfor.getDispatchSizes	60	0.002	0.001	
fileparts>legacyPCExecution	15	0.002	0.002	
RandStream.RandStream>RandStream.subsref	5	0.002	0.002	
colon_range_check>integer_range_overflow_check	75	0.002	0.002	
RandStream.RandStream>RandStream.setGlobalStream	5	0.002	0.000	
fullfile>refinePath	5	0.002	0.001	
repmat	5	0.002	0.001	
DisarmableOncleanup>DisarmableOncleanup.DisarmableOncleanup	120	0.002	0.002	
parallel_function>results	60	0.002	0.002	
sliced_fcnhdl_check	60	0.002	0.002	
incrementParallelFunctionDepth	120	0.002	0.002	
validatestring>checkString	5	0.001	0.001	
Engine>Engine.Engine	60	0.001	0.001	
RandStream.RandStream>getargs	5	0.001	0.001	
RandStream.RandStream>RandStream.getGlobalStream	5	0.001	0.000	
tabular.tabular>tabular.countVarInputs	5	0.001	0.001	
writeTextFile>standardizeDelimiter	5	0.001	0.001	
fullfile>ensureTrailingFilesep	5	0.001	0.000	
makeUniqueStrings>validateExclStrOrElemToChk	10	0.001	0.001	
serializationProfiling	60	0.001	0.001	
parallel_function>PCTInstalled	60	0.001	0.001	
writeTextFile>appendNewLineToEndOfFileIfNeeded	5	0.001	0.001	
...allel_function>@()matlab.internal.incrementParallelFunctionDepth(-1)	60	0.001	0.001	
tabularDimension>tabularDimension.checkDuplicateLabels	5	0.001	0.001	
SerializationNotifier>SerializationNotifier.getInstance	60	0.001	0.001	
remoteparfor>remoteparfor.rangeDivided	60	0.001	0.001	
isCharString	25	0.001	0.001	
isText	10	0.001	0.001	
isScalarInt	25	0.001	0.001	
writeTextFile>packVariables	10	0.001	0.001	
partialMatchString	5	0.001	0.001	
rowNamesDim>rowNamesDim.validateAndAssignLabels	5	0.001	0.001	
validateVariableNameLength	10	0.001	0.001	
varNamesDim>varNamesDim.checkReservedNames	5	0.001	0.001	
makeUniqueStrings>truncateString	10	0.001	0.001	
endpoint_check	120	0.001	0.001	
Engine>Engine.numIntervalsFactor	60	0.001	0.001	
isGlobalText	45	0.001	0.001	

isScalarText	15	0.001	0.001	
fullfile>addTrailingFileSep	5	0.001	0.001	
remoteParfor>remoteParfor.maxBacklog	60	0.001	0.001	
fullfile>fixIRI	5	0.001	0.001	
writeTextFile>makeChunk	10	0.001	0.001	
reduction_variables_set_check	15	0.001	0.001	
...ctClusterPool.AbstractClusterPool>AbstractClusterPool.hGetSession	120	0.001	0.001	
tabular.matchPropertyName	5	0.001	0.001	
remoteParfor>remoteParfor.initialDispatchFactor	60	0.001	0.001	
isenum	5	0.001	0.001	
validateWriteFunctionArgumentOrder	5	0.001	0.000	
getField	5	0.001	0.001	
validatestring>checkInputs	5	0.001	0.001	
range_step_check	60	0.001	0.001	
isEmptyFile	5	0.001	0.001	
DisarmableOnCleanup>DisarmableOnCleanup.delete	120	0.001	0.001	
isPCTInstalled	60	0.001	0.001	
RandStream.RandStream>RandStream.algName	5	0.001	0.001	
DisarmableOnCleanup>DisarmableOnCleanup.disarm	120	0.001	0.001	
PoolOptions>isValidMaxNumWorkers	60	0.001	0.001	
tabular.tabular>tabular.tabular	5	0.001	0.000	
tabular.isEmpty	5	0.001	0.001	
tabularDimension>tabularDimension.assignLabels	5	0.001	0.001	
Options>Options.Options	60	0.000	0.000	
remoteParfor>remoteParfor.getNumWorkers	60	0.000	0.000	
...tionNotifier>SerializationNotifier.createAccumulatingListener/nGetList	60	0.000	0.000	
Engine>iClamp	150	0.000	0.000	
tabular.numArgumentsFromSubscript	10	0.000	0.000	
isSupportedWriteMatrixType	5	0.000	0.000	
makeUniqueStrings>validateMaxStringLength	10	0.000	0.000	
RandStream.RandStream>RandStream.delete	5	0.000	0.000	
sliced_offset_check	15	0.000	0.000	
remoteParfor>iClamp	60	0.000	0.000	
validateLogical	10	0.000	0.000	
tabularDimension>tabularDimension.checkReservedNamesImpl	5	0.000	0.000	
matricize	5	0.000	0.000	
repmat>checkSizesType	10	0.000	0.000	
pwd	5	0.000	0.000	
writeTextFile>standardizeNumericVar	10	0.000	0.000	
saveLoadCompatibility>saveLoadCompatibility.saveLoadCompatibility	5	0.000	0.000	
iscategorical	5	0.000	0.000	
isdatetime	5	0.000	0.000	
isduration	5	0.000	0.000	
iscalendarduration	5	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.