

## Profile Summary

Generated 19-Jul-2017 18:26:12 using performance time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>
<a href="#">intergrate_Quasi_Newton_GA</a>	1	10063.974 s	2663.671 s
<a href="#">matlab_utility_g_multiprocessing</a>	584	7399.146 s	7399.146 s
<a href="#">Quasi_Newton</a>	1	7373.839 s	0.149 s
<a href="#">line_search</a>	227	4477.724 s	0.043 s
<a href="#">multiprocessing_setup</a>	1	0.866 s	0.824 s
<a href="#">findUnlicensedFunctions</a>	1	0.203 s	0.001 s
<a href="#">findUnlicensedFunctions&gt;getFunctionData</a>	1	0.203 s	0.019 s
<a href="#">...onregistry.UnlicensedFunctionRegistry (Java method)</a>	2	0.179 s	0.179 s
<a href="#">table.table&gt;table.table</a>	1	0.064 s	0.008 s
<a href="#">metaDim&gt;metaDim.checkAgainstVarLabels</a>	1	0.044 s	0.017 s
<a href="#">metaDim&gt;metaDim.metaDim</a>	1	0.029 s	0.003 s
<a href="#">makeUniqueStrings</a>	1	0.027 s	0.002 s
<a href="#">redirectstdout</a>	1	0.025 s	0.025 s
<a href="#">...&gt;metaDim.fixLabelsForCompatibility</a>	1	0.024 s	0.023 s
<a href="#">makeUniqueStrings&gt;makeUnique</a>	1	0.023 s	0.005 s
<a href="#">string.ismember</a>	1	0.018 s	0.007 s
<a href="#">toolboxdir</a>	4	0.017 s	0.003 s
<a href="#">fullfile</a>	5	0.016 s	0.006 s
<a href="#">ismember</a>	1	0.011 s	0.001 s
<a href="#">ismember&gt;ismemberR2012a</a>	1	0.011 s	0.001 s
<a href="#">ismember&gt;ismemberClassTypes</a>	1	0.010 s	0.005 s

Total Time  
Plot  
(dark band  
= self time)



<a href="#">tabular.tabular&gt;tabular.initInternals</a>	1	0.008 s	0.001 s
<a href="#">fullfile&gt;refinePath</a>	5	0.007 s	0.003 s
<a href="#">...n&gt;tabularDimension.createLike_impl</a>	2	0.006 s	0.001 s
<a href="#">...mension&gt;tabularDimension.setLabels</a>	2	0.006 s	0.001 s
<a href="#">varNamesDim&gt;varNamesDim.varNamesDim</a>	1	0.005 s	0.001 s
<a href="#">varNamesDim&gt;varNamesDim.createLike</a>	1	0.005 s	0.000 s
<a href="#">fullfile&gt;fixIRI</a>	5	0.004 s	0.002 s
<a href="#">unique</a>	2	0.004 s	0.002 s
<a href="#">...t:varNamesDim.validateAndAssignLabels</a>	1	0.004 s	0.002 s
<a href="#">...mension&gt;tabularDimension.init_impl</a>	3	0.003 s	0.003 s
<a href="#">fileparts</a>	1	0.003 s	0.003 s
<a href="#">fullfile&gt;ensureTrailingFilesep</a>	5	0.003 s	0.001 s
<a href="#">varNamesDim&gt;varNamesDim.dfltLabels</a>	1	0.003 s	0.003 s
<a href="#">startsWith</a>	5	0.003 s	0.002 s
<a href="#">unique&gt;uniqueR2012a</a>	2	0.002 s	0.002 s
<a href="#">tabular.tabular&gt;tabular.countVarInputs</a>	1	0.002 s	0.002 s
<a href="#">tabularDimension&gt;tabularDimension.init</a>	2	0.002 s	0.000 s
<a href="#">metaDim&gt;metaDim.initWithCompatibility</a>	1	0.002 s	0.000 s
<a href="#">varNamesDim&gt;varNamesDim.init</a>	1	0.002 s	0.000 s
<a href="#">fullfile&gt;addTrailingFileSep</a>	5	0.002 s	0.002 s
<a href="#">parseArgs</a>	1	0.002 s	0.001 s
<a href="#">...ension&gt;tabularDimension.createLike</a>	1	0.002 s	0.000 s
<a href="#">...ularDimension.checkReservedNames_impl</a>	2	0.001 s	0.001 s
<a href="#">makeValidName</a>	2	0.001 s	0.001 s
<a href="#">rowNamesDim&gt;rowNamesDim.rowNamesDim</a>	1	0.001 s	0.001 s
<a href="#">...m&gt;varNamesDim.checkDuplicateLabels</a>	1	0.001 s	0.000 s
<a href="#">metaDim&gt;metaDim.checkReservedNames</a>	1	0.001 s	0.000 s



<a href="#">...Dim&gt;varNamesDim.checkReservedNames</a>	1	0.001 s	0.000 s
<a href="#">...Strings&gt;validateExclStrOrElemToChk</a>	1	0.001 s	0.001 s
<a href="#">num2cell</a>	1	0.001 s	0.001 s
<a href="#">ismember&gt;ismemberBuiltinTypes</a>	1	0.001 s	0.001 s
<a href="#">makeUniqueStrings&gt;truncateString</a>	1	0.001 s	0.001 s
<a href="#">strfun\private\isTextStrict</a>	5	0.001 s	0.001 s
<a href="#">varNamesDim&gt;varNamesDim.makeValidName</a>	1	0.001 s	0.000 s
<a href="#">ispc</a>	2	0.001 s	0.001 s
<a href="#">isCharString</a>	5	0.001 s	0.001 s
<a href="#">usejava</a>	1	0.001 s	0.001 s
<a href="#">...t:rowNamesDim.validateAndAssignLabels</a>	1	0.000 s	0.000 s
<a href="#">...arDimension.checkDuplicateLabels_impl</a>	1	0.000 s	0.000 s
<a href="#">...sion&gt;tabularDimension.assignLabels</a>	1	0.000 s	0.000 s
<a href="#">...queStrings&gt;validateMaxStringLength</a>	1	0.000 s	0.000 s
<a href="#">numberedNames</a>	1	0.000 s	0.000 s
<a href="#">tabular.tabular&gt;tabular.tabular</a>	1	0.000 s	0.000 s
<a href="#">...&gt;tabularDimension.tabularDimension</a>	3	0.000 s	0.000 s
<a href="#">findUnlicensedFunctions&gt;addBaseCode</a>	1	0.000 s	0.000 s
<a href="#">varNamesDim&gt;varNamesDim.orientAs</a>	1	0.000 s	0.000 s
<a href="#">metaDim&gt;metaDim.orientAs</a>	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.

