

## Profile Summary

Generated 09-Dec-2012 18:44:54 using cpu time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time</a> *	Total Time Plot (dark band = self time)
<a href="#">simulation&gt;simulation.runMode</a>	1	3282.715 s	0.004 s	
<a href="#">simulation&gt;simulation.run</a>	1	3282.506 s	14.500 s	
<a href="#">Iteration</a>	1000	3180.319 s	169.219 s	
<a href="#">logicFunction</a>	77912	3010.216 s	590.798 s	
<a href="#">xValuesLogic</a>	1336229	1784.060 s	1490.494 s	
<a href="#">closest</a>	14599614	663.916 s	663.916 s	
<a href="#">xWallLogic</a>	1645293	487.577 s	131.381 s	
<a href="#">linspace</a>	5810046	122.724 s	122.724 s	
<a href="#">drawing&gt;drawing.plotStep</a>	1000	83.106 s	36.724 s	
<a href="#">drawing&gt;drawing.drawLine</a>	80088	14.752 s	14.752 s	
<a href="#">drawing&gt;drawing.circlePlot</a>	78088	13.544 s	13.544 s	
<a href="#">clf</a>	1000	7.324 s	0.354 s	
<a href="#">getBeta</a>	2981522	7.109 s	7.109 s	
<a href="#">graphics\private\clo</a>	1001	6.649 s	6.176 s	
<a href="#">xlim</a>	1000	6.406 s	6.348 s	
<a href="#">simulation&gt;simulation.additionalReport</a>	1000	4.021 s	3.143 s	
<a href="#">gaussmf</a>	27427	3.830 s	3.830 s	
<a href="#">ylim</a>	1000	2.035 s	1.975 s	
<a href="#">daspect</a>	1000	1.978 s	1.921 s	
<a href="#">getPriorityArray</a>	2239	1.482 s	1.482 s	
<a href="#">drawing&gt;drawing.createWall</a>	2	1.312 s	1.235 s	
<a href="#">simulation&gt;simulation.init</a>	1	1.121 s	0.005 s	
<a href="#">drawing&gt;drawing.drawing</a>	1	1.108 s	0.001 s	
<a href="#">print</a>	1	0.857 s	0.004 s	
<a href="#">print&gt;LocalPrint</a>	1	0.816 s	0.001 s	
<a href="#">getSortedPriorityArray</a>	2208	0.429 s	0.114 s	
<a href="#">graphics\private\render</a>	1	0.407 s	0.007 s	

<a href="#">...lation&gt;simulation.addNewAgentsToArray</a>	1000	0.379 s	0.036 s	
<a href="#">drawing&gt;drawing.drawWallSquares</a>	1000	0.342 s	0.342 s	
<a href="#">spawn</a>	208	0.309 s	0.111 s	
<a href="#">imwrite</a>	1	0.305 s	0.002 s	
<a href="#">imagesci\private\writepng</a>	1	0.298 s	0.016 s	
<a href="#">sortrows</a>	2208	0.288 s	0.149 s	
<a href="#">graphics\private\fireprintbehavior</a>	2	0.271 s	0.025 s	
<a href="#">findobj</a>	1024	0.268 s	0.029 s	
<a href="#">gcf</a>	4001	0.256 s	0.256 s	
<a href="#">hggetbehavior</a>	1066	0.242 s	0.079 s	
<a href="#">graphics\private\prepare</a>	1	0.241 s	0.005 s	
<a href="#">findobjhelper</a>	1024	0.239 s	0.239 s	
<a href="#">graphics\private\preparehg</a>	1	0.236 s	0.004 s	
<a href="#">refresh</a>	1000	0.233 s	0.233 s	
<a href="#">setdiff</a>	1002	0.222 s	0.145 s	
<a href="#">imagesci\private\png (MEX-file)</a>	1	0.218 s	0.218 s	
<a href="#">simulation&gt;simulation.initialSpawn</a>	1	0.181 s	0.161 s	
<a href="#">graphics\private\restore</a>	1	0.164 s	0.002 s	
<a href="#">hggetbehavior&gt;localPeek</a>	1066	0.163 s	0.101 s	
<a href="#">graphics\private\restorehg</a>	1	0.162 s	0.019 s	
<a href="#">sortrows&gt;sort_back_to_front</a>	2208	0.139 s	0.139 s	
<a href="#">unique</a>	1002	0.073 s	0.073 s	
<a href="#">hardcopy</a>	1	0.066 s	0.066 s	
<a href="#">isprop</a>	1069	0.063 s	0.063 s	
<a href="#">agent&gt;agent.agent</a>	1070	0.059 s	0.059 s	
<a href="#">opaque.double</a>	1000	0.058 s	0.058 s	
<a href="#">newplot</a>	1	0.053 s	0.002 s	
<a href="#">cla</a>	1	0.051 s	0.000 s	
<a href="#">newplot&gt;ObserveAxesNextPlot</a>	1	0.051 s	0.000 s	
<a href="#">savtoner</a>	2	0.045 s	0.026 s	
<a href="#">datenum</a>	3	0.039 s	0.004 s	
<a href="#">timefun\private\dateformverify</a>	3	0.038 s	0.000 s	
<a href="#">timefun\private\formatdate</a>	3	0.038 s	0.038 s	
<a href="#">simulation&gt;simulation.balanceProbability</a>	1000	0.034 s	0.034 s	

<a href="#">datevec&gt;getformat</a>	1	0.032 s	0.003 s	
<a href="#">drawing&gt;drawing.set.wallArray</a>	842	0.029 s	0.029 s	
<a href="#">findall</a>	14	0.029 s	0.002 s	
<a href="#">graphics\private\prepareui</a>	1	0.029 s	0.026 s	
<a href="#">datestr</a>	2	0.028 s	0.005 s	
<a href="#">gra...vate\render&gt;LocalCreateImwriteArgs</a>	1	0.028 s	0.003 s	
<a href="#">fliplr</a>	2208	0.027 s	0.027 s	
<a href="#">datevec</a>	1	0.025 s	0.001 s	
<a href="#">ismember</a>	5	0.023 s	0.020 s	
<a href="#">graphics\private\clo&gt;find_kids</a>	1001	0.020 s	0.020 s	
<a href="#">cell.ismember</a>	1	0.018 s	0.004 s	
<a href="#">normrnd</a>	419	0.014 s	0.013 s	
<a href="#">workspacefunc</a>	4	0.013 s	0.000 s	
<a href="#">graphics\private\name</a>	1	0.012 s	0.004 s	
<a href="#">closereq</a>	1	0.011 s	0.011 s	
<a href="#">timefun\private\cnv2icudf</a>	2	0.010 s	0.010 s	
<a href="#">drawing&gt;drawing.set.agentArray</a>	231	0.009 s	0.009 s	
<a href="#">graphics\private\inputcheck</a>	1	0.009 s	0.002 s	
<a href="#">allchild</a>	2	0.009 s	0.009 s	
<a href="#">noanimate</a>	2	0.008 s	0.002 s	
<a href="#">rng</a>	1	0.007 s	0.001 s	
<a href="#">graphics\private\validate</a>	1	0.007 s	0.005 s	
<a href="#">repmat</a>	13	0.006 s	0.006 s	
<a href="#">workspacefunc&gt;getShortValueObjectsJ</a>	1	0.006 s	0.001 s	
<a href="#">workspacefunc&gt;getStatObjectsJ</a>	2	0.006 s	0.001 s	
<a href="#">...ream.RandStream&gt;RandStream.RandStream</a>	1	0.005 s	0.004 s	
<a href="#">printtables</a>	2	0.005 s	0.002 s	
<a href="#">workspacefunc&gt;num2complex</a>	15	0.005 s	0.004 s	
<a href="#">workspacefunc&gt;getShortValueObjectJ</a>	6	0.005 s	0.003 s	
<a href="#">workspacefunc&gt;getStatObjectJ</a>	12	0.005 s	0.000 s	
<a href="#">graphics\private\preparepointers</a>	1	0.004 s	0.002 s	
<a href="#">fileparts</a>	3	0.004 s	0.004 s	
<a href="#">imwrite&gt;parse_inputs</a>	1	0.004 s	0.003 s	
<a href="#">plotpickerfunc</a>	22	0.004 s	0.004 s	

<a href="#">defineConstants</a>	2	0.003 s	0.002 s	
<a href="#">graphics\private\noselection</a>	2	0.003 s	0.001 s	
<a href="#">graphics\private\postProcessPrinttables</a>	2	0.003 s	0.003 s	
<a href="#">printjob</a>	2	0.003 s	0.002 s	
<a href="#">print&gt;LocalCreatePrintJob</a>	1	0.003 s	0.000 s	
<a href="#">graphics\private\positions</a>	1	0.003 s	0.001 s	
<a href="#">graphics\private\validateHandleToPrint</a>	1	0.002 s	0.000 s	
<a href="#">fullfile</a>	1	0.002 s	0.002 s	
<a href="#">graphics\private\alternatePrintPath</a>	1	0.002 s	0.002 s	
<a href="#">savtoner&gt;LocalSet</a>	12	0.002 s	0.002 s	
<a href="#">workspacefunc&gt;getStatObjectM</a>	12	0.002 s	0.001 s	
<a href="#">rng&gt;getCurrentType</a>	1	0.001 s	0.001 s	
<a href="#">RandStream.RandStream&gt;getargs</a>	1	0.001 s	0.001 s	
<a href="#">stats\private\statsizechk</a> (MEX-file)	419	0.001 s	0.001 s	
<a href="#">printopt</a>	2	0.001 s	0.001 s	
<a href="#">gra...ate\render&gt;LocalPrintJob2Arguments</a>	1	0.001 s	0.000 s	
<a href="#">graphics\private\restoreui</a>	1	0.001 s	0.001 s	
<a href="#">graphics\private\isSLorSF</a>	2	0.001 s	0.001 s	
<a href="#">...e\inputcheck&gt;LocalCheckForDeprecation</a>	1	0.001 s	0.001 s	
<a href="#">graphics\private\isfigure</a>	10	0.001 s	0.001 s	
<a href="#">int2str</a>	1	0.001 s	0.001 s	
<a href="#">filesep</a>	3	0.001 s	0.001 s	
<a href="#">graphics\private\getget</a>	7	0.001 s	0.001 s	
<a href="#">graphics\private\setset</a>	4	0.001 s	0.001 s	
<a href="#">savtoner&gt;matrix2color</a>	1	0.001 s	0.001 s	
<a href="#">gra...private\render&gt;LocalGetImageDriver</a>	1	0.001 s	0.001 s	
<a href="#">datestr&gt;getdateform</a>	2	0.001 s	0.001 s	
<a href="#">cellstr</a>	2	0.001 s	0.001 s	
<a href="#">timefun\private\dtstr2dtnummx</a> (MEX-file)	1	0.001 s	0.001 s	
<a href="#">timefun\private\dtstr2dtvecmx</a> (MEX-file)	1	0.001 s	0.001 s	
<a href="#">imformats</a>	2	0.001 s	0.000 s	
<a href="#">imformats&gt;find_in_registry</a>	2	0.001 s	0.001 s	
<a href="#">imwrite&gt;validateSizes</a>	1	0.001 s	0.000 s	
<a href="#">intmax</a>	1	0.001 s	0.001 s	

<a href="#">imagesci\private\writepng&gt;CheckTextItem</a>	1	0.001 s	0.001 s	
<a href="#">workspacefunc&gt;getWhosInformation</a>	1	0.001 s	0.001 s	
<a href="#">workspacefunc&gt;getAbstractValueSummaryJ</a>	9	0.001 s	0.001 s	
<a href="#">workspacefunc&gt;lookupStatFunction</a>	4	0.001 s	0.001 s	
<a href="#">lineseries</a>	1	0.001 s	0.000 s	
<a href="#">graph2dhelper</a>	1	0.001 s	0.000 s	
<a href="#">scribe\private\getplotmanager</a>	1	0.001 s	0.001 s	
<a href="#">simulation&gt;simulation.simulation</a>	1	0 s	0.000 s	
<a href="#">...am.RandStream&gt;localGetSetGlobalStream</a>	2	0 s	0.000 s	
<a href="#">@RandStream\private\inLegacyMode</a> (MEX-file)	2	0 s	0.000 s	
<a href="#">@RandStream\private\getset_mex</a> (MEX-file)	1	0 s	0.000 s	
<a href="#">RandStream.delete</a> (MEX-file)	1	0 s	0.000 s	
<a href="#">...RandStream&gt;RandStream.getGlobalStream</a>	1	0 s	0.000 s	
<a href="#">...RandStream&gt;RandStream.setGlobalStream</a>	1	0 s	0.000 s	
<a href="#">RandStream.RandStream&gt;RandStream.subsref</a>	1	0 s	0.000 s	
<a href="#">RandStream.RandStream&gt;RandStream.algName</a>	1	0 s	0.000 s	
<a href="#">@RandStream\private\create_mex</a> (MEX-file)	1	0 s	0.000 s	
<a href="#">simulation&gt;simulation.calcPossibleAgents</a>	1	0 s	0.000 s	
<a href="#">printtables&gt;localBuildOptions</a>	2	0 s	0.000 s	
<a href="#">ispc</a>	14	0 s	0.000 s	
<a href="#">printjob&gt;LocalXTerminalMode</a>	2	0 s	0.000 s	
<a href="#">graphics\private\useOriginalHGPrinting</a>	13	0 s	0.000 s	
<a href="#">gra...rivate\inputcheck&gt;LocalCheckDevice</a>	1	0 s	0.000 s	
<a href="#">print&gt;LocalHandleSimulink</a>	1	0 s	0.000 s	
<a href="#">print&gt;create@()restorepointers(pj)</a>	1	0 s	0.000 s	
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	1	0 s	0.000 s	
<a href="#">gcbf</a>	4	0 s	0.000 s	
<a href="#">gcho</a>	4	0 s	0.000 s	
<a href="#">graphics\private\restorepointers</a>	1	0 s	0.000 s	
<a href="#">getprinttemplate</a>	2	0 s	0.000 s	
<a href="#">isunix</a>	1	0 s	0.000 s	
<a href="#">graphics\private\setup</a>	1	0 s	0.000 s	
<a href="#">print&gt;LocalAdjustPrintParamsForDepViewer</a>	1	0 s	0.000 s	
<a href="#">graphics\private\positions&gt;LocalUnion</a>	1	0 s	0.000 s	

<a href="#">usejava</a>	1	0 s	0.000 s	
<a href="#">savtoner&gt;color2matrix</a>	1	0 s	0.000 s	
<a href="#">graphics\private\blt</a>	1	0 s	0.000 s	
<a href="#">print&gt;locallsPrintHeaderHeaderSpecEmpty</a>	1	0 s	0.000 s	
<a href="#">gra...\private\render&gt;LocalGetSLSFObject</a>	1	0 s	0.000 s	
<a href="#">iscellstr</a>	4	0 s	0.000 s	
<a href="#">...te@(matched,replace)replace.(matched)</a>	2	0 s	0.000 s	
<a href="#">@(matched,replace)replace.(matched)</a>	2	0 s	0.000 s	
<a href="#">print&gt;@()restorepointers(pi)</a>	1	0 s	0.000 s	
<a href="#">onCleanup&gt;onCleanup.delete</a>	1	0 s	0.000 s	
<a href="#">...s.mlwidgets.workspace.WhosInformation</a> (Java method)	1	0 s	0.000 s	
<a href="#">codetools\private\dataviewerhelper</a>	6	0 s	0.000 s	
<a href="#">...ataviewerhelper&gt;upconvertIntegralType</a>	6	0 s	0.000 s	
<a href="#">workspacefunc&gt;createComplexScalar</a>	6	0 s	0.000 s	
<a href="#">java.lang.String</a> (Java method)	3	0 s	0.000 s	
<a href="#">workspacefunc&gt;local_min</a>	2	0 s	0.000 s	
<a href="#">workspacefunc&gt;local_max</a>	2	0 s	0.000 s	
<a href="#">plotpickerfunc&gt;locallsMatrix</a>	2	0 s	0.000 s	
<a href="#">newplot&gt;ObserveFigureNextPlot</a>	1	0 s	0.000 s	
<a href="#">graph2d\private\lineseriesmex</a> (MEX-file)	1	0 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.