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

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

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

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

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	imformats>find_in_registry	2	0.001 s	0.001 s	
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	<u>intmax</u>	1	0.001 s	0.001 s	

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

<u>usejava</u>	1	0 s	0.000 s	
savtoner>color2matrix	1	0 s	0.000 s	
graphics\private\blt	1	0 s	0.000 s	
print>locallsPrintHeaderHeaderSpecEmpty	1	0 s	0.000 s	
gra\private\render>LocalGetSLSFObject	1	0 s	0.000 s	
iscellstr	4	0 s	0.000 s	
te@(matched,replace)replace.(matched)	2	0 s	0.000 s	
@(matched,replace)replace.(matched)	2	0 s	0.000 s	
print>@()restorepointers(pj)	1	0 s	0.000 s	
onCleanup>onCleanup.delete	1	0 s	0.000 s	
s.mlwidgets.workspace.WhosInformation (Java method)	1	0 s	0.000 s	
codetools\private\dataviewerhelper	6	0 s	0.000 s	
ataviewerhelper>upconvertIntegralType	6	0 s	0.000 s	
workspacefunc>createComplexScalar	6	0 s	0.000 s	
java.lang.String (Java method)	3	0 s	0.000 s	
workspacefunc>local_min	2	0 s	0.000 s	
workspacefunc>local_max	2	0 s	0.000 s	
plotpickerfunc>localIsMatrix	2	0 s	0.000 s	
newplot>ObserveFigureNextPlot	1	0 s	0.000 s	
graph2d\private\lineseriesmex (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.