Profile Summary

Generated 26-Sep-2014 11:41:10 using cpu time.

Function Name	Calls	Total Time	Self Time*
CycleMaster	4	74.620 s	0.016 s
gui_mainfcn	4	74.604 s	0.047 s
...',hObject,eventdata,guidata(hObject))	1	74.027 s	0.000 s
CycleMaster>getPowerCurve_Callback	1	74.011 s	0.763 s
mImport	1	56.992 s	13.965 s
str2double	557459	40.567 s	40.567 s
uitools\private\uigetputfile_helper	1	15.881 s	0.015 s
uigetfile	1	15.881 s	0.000 s
FileChooser.FileChooser>FileChooser.show	1	15.757 s	0.000 s
...er>FileChooser.showPeerAndBlockMATLAB	1	15.741 s	0.000 s
...nChooser>FileOpenChooser.doShowDialog	1	15.741 s	15.741 s
fgetl	1782	2.444 s	2.444 s
NumberOfRows	1	1.654 s	0.016 s
openfig	2	0.374 s	0.219 s
gui_mainfcn>local_openfig	2	0.374 s	0.000 s
graphics\private\clo	5	0.186 s	0.016 s
cla	5	0.186 s	0.000 s

Total Time Plot (dark band = self time)
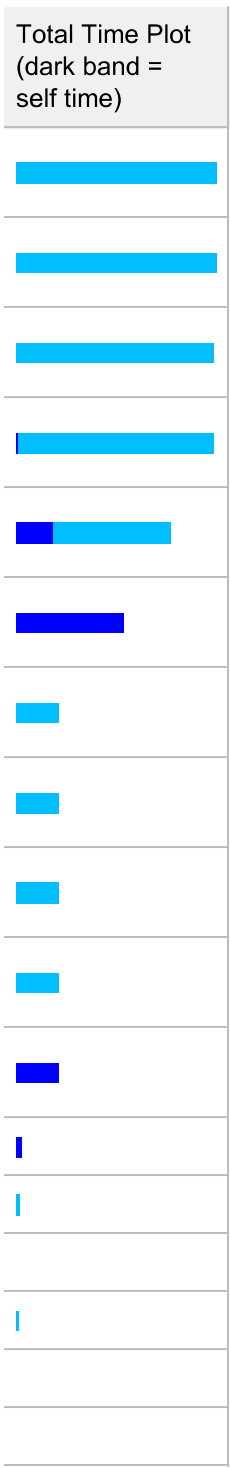
ismember	11	0.172 s	0.031 s
newplot	3	0.171 s	0.000 s
newplot>ObserveAxesNextPlot	3	0.171 s	0.000 s
setdiff	10	0.155 s	0.015 s
ismember>ismemberlegacy	11	0.141 s	0.078 s
setdiff>setdifflegacy	10	0.140 s	0.062 s
movegui	2	0.109 s	0.093 s
unique	16	0.094 s	0.031 s
...',hObject,eventdata,guidata(hObject))	1	0.094 s	0.000 s
lineseries	3	0.094 s	0.094 s
CycleMaster>CycleMaster_OpeningFcn	1	0.078 s	0.062 s
CycleMaster>PlotSumSquares_Callback	1	0.078 s	0.000 s
...er.FileChooser>FileChooser.initialize	2	0.077 s	0.000 s
...penChooser>FileOpenChooser.initialize	2	0.077 s	0.000 s
...ooser>FileOpenChooser.FileOpenChooser	1	0.077 s	0.000 s
unique>uniquelegacy	16	0.063 s	0.047 s
datestr	2	0.063 s	0.016 s
...r.FileChooser>FileChooser.FileChooser	1	0.062 s	0.000 s
abscissaInterp	3	0.062 s	0.016 s
genvarname	5	0.047 s	0.015 s
timefun\private\formatdate	2	0.047 s	0.016 s
timefun\private\dateformverify	2	0.047 s	0.000 s
findMaxTestSpeed	1	0.047 s	0.000 s
...mChooser>FileSystemChooser.PathParser	2	0.046 s	0.046 s
...mChooser>FileSystemChooser.initialize	2	0.046 s	0.000 s
...FileSystemChooser.set.InitialPathName	5	0.046 s	0.000 s
interp1	14	0.046 s	0.046 s

sortrows	6	0.032 s	0.000 s
sortrows>sort_back_to_front	6	0.032 s	0.032 s
xlabel	4	0.032 s	0.016 s
openfig>getToken	2	0.031 s	0.000 s
cell.ismember>cellismemberlegacy	3	0.031 s	0.016 s
...ooser>FileChooser.set.InitialFileName	3	0.031 s	0.000 s
cell.ismember	3	0.031 s	0.000 s
timefun\private\cnv2icudf	2	0.031 s	0.031 s
genvarname>isCellString	10	0.016 s	0.000 s
genvarname>isString	5	0.016 s	0.016 s
...etputfile_helper>getFilterFileAndPath	1	0.016 s	0.016 s
movegui>get_parent_fig	2	0.016 s	0.016 s
ylabel	7	0.016 s	0.016 s
axescheck	11	0.016 s	0.016 s
...te\uigetputfile_helper>parseArguments	1	0.016 s	0.000 s
...FileChooser>FileChooser.prepareDialog	1	0.016 s	0.000 s
...leExtensionFilter.FileExtensionFilter	1	0.016 s	0.000 s
...xtensionFilter.getDescIfMATLABFilters	2	0.016 s	0.016 s
...leChooser.addPeerFileExtensionFilters	1	0.016 s	0.000 s
strcat	1	0.016 s	0.016 s
num2str	5	0.016 s	0.016 s
fileparts	4	0.015 s	0.015 s
calculateIntermediateSpeed	1	0.015 s	0.000 s
graphics\private\clo>find_kids	5	0.015 s	0.015 s
intmax	2	0 s	0.000 s
dec2hex	2	0 s	0.000 s
iskeyword	2	0 s	0.000 s

fullfile	4	0 s	0.000 s
...mainfcn>local_isInvokeActiveXCallback	3	0 s	0.000 s
iscom	3	0 s	0.000 s
...er.FileChooser>FileChooser.createPeer	1	0 s	0.000 s
...oser>FileSystemChooser.getParentFrame	1	0 s	0.000 s
ispc	16	0 s	0.000 s
...hooser>FileChooser.setPeerCurrentFile	1	0 s	0.000 s
filesep	7	0 s	0.000 s
fliplr	2	0 s	0.000 s
cell.strmatch	2	0 s	0.000 s
iscellstr	7	0 s	0.000 s
strmatch	2	0 s	0.000 s
movegui>getActivePositionProperty	2	0 s	0.000 s
isunix	4	0 s	0.000 s
movegui>setActivePositionProperty	2	0 s	0.000 s
guidata	10	0 s	0.000 s
guidata>getParentFigure	10	0 s	0.000 s
...',hObject,eventdata,guidata(hObject))	1	0 s	0.000 s
allchild	1	0 s	0.000 s
uitools\private\allchildRootHelper	1	0 s	0.000 s
...set(rootobj,'ShowHiddenHandles',Temp)	1	0 s	0.000 s
workspacefunc>getCleanupHandler	3	0 s	0.000 s
findall	5	0 s	0.000 s
onCleanup>onCleanup.onCleanup	11	0 s	0.000 s
onCleanup>onCleanup.delete	11	0 s	0.000 s
...set(rootobj,'ShowHiddenHandles',Temp)	1	0 s	0.000 s
...pace.MatlabWorkspaceListener.swl(swl)	3	0 s	0.000 s

...(obj,pathwarning,nameconflictwarning)	2	0 s	0.000 s
...emChooser>FileSystemChooser.warnGuard	2	0 s	0.000 s
...set(rootobj,'ShowHiddenHandles',Temp)	5	0 s	0.000 s
workspacefunc	3	0 s	0.000 s
guidemfile>getToolbarToolInFigure	1	0 s	0.000 s
flipud	2	0 s	0.000 s
...>restoreToolbarToolPredefinedCallback	1	0 s	0.000 s
guidemfile	1	0 s	0.000 s
CycleMaster>CycleMaster_OutputFcn	1	0 s	0.000 s
gui_mainfcn>local_isInvokeHGCallback	3	0 s	0.000 s
isprop	8	0 s	0.000 s
uitools\private\usejavadialog	1	0 s	0.000 s
uitools\private\warnfiguredialog	1	0 s	0.000 s
usejava	3	0 s	0.000 s
ismac	1	0 s	0.000 s
...utfile_helper>parsePropertyValuePairs	1	0 s	0.000 s
...tfile_helper>checkForEmptyDescriptors	1	0 s	0.000 s
...r>FileSystemChooser.FileSystemChooser	1	0 s	0.000 s
Dialog.Dialog>Dialog.Dialog	1	0 s	0.000 s
pwd	5	0 s	0.000 s
...emChooser>FileSystemChooser.set.Title	3	0 s	0.000 s
...Chooser>FileSystemChooser.checkString	8	0 s	0.000 s
isdir	2	0 s	0.000 s
...ileChooser>FileChooser.set.FileFilter	3	0 s	0.000 s
cellstr	3	0 s	0.000 s
repmat	3	0 s	0.000 s
...er>FileOpenChooser.set.MultiSelection	3	0 s	0.000 s

...eChooser>FileChooser.updateFromDialog	1	0 s	0.000 s
java.io.File (Java method)	4	0 s	0.000 s
....FileChooser>FileChooser.setPeerTitle	1	0 s	0.000 s
....FileChooser>FileChooser.setFileExist	1	0 s	0.000 s
...enChooser.setPeerMultiSelectionEnable	1	0 s	0.000 s
...oser>FileOpenChooser.updateDataObject	1	0 s	0.000 s
...hooser>FileChooser.getPeerFilterIndex	1	0 s	0.000 s
...orks.mwswing.MJFileChooserPerPlatform (Java method)	8	0 s	0.000 s
...ExtensionFilter.returnFilterExtension	3	0 s	0.000 s
...mathworks.mwswing.FileExtensionFilter (Java method)	13	0 s	0.000 s
opaque.char	11	0 s	0.000 s
...ionFilter>FileExtensionFilter.getPeer	1	0 s	0.000 s
...er>FileOpenChooser.extraPrepareDialog	1	0 s	0.000 s
...penChooser.isPeerMultiSelectionEnable	1	0 s	0.000 s
...FileChooser.prepareDialog/localupdate	1	0 s	0.000 s
...stemChooser>FileSystemChooser.dispose	1	0 s	0.000 s
...FileChooser>FileChooser.unblockMATLAB	1	0 s	0.000 s
...ooser.FileChooser>FileChooser.dispose	1	0 s	0.000 s
...r.FileChooser>FileChooser.blockMATLAB	1	0 s	0.000 s
blanks	1	0 s	0.000 s
Dialog.Dialog>Dialog.delete	1	0 s	0.000 s
stringread	1	0 s	0.000 s
strtok	6	0 s	0.000 s
Assembly>Assembly.Assembly	1	0 s	0.000 s
int2str	5	0 s	0.000 s
datestr>getdateform	1	0 s	0.000 s

datenum	2	0 s	0.000 s
mean	10	0 s	0.000 s
newplot>ObserveFigureNextPlot	3	0 s	0.000 s
...all>showHiddenHandlesToFindAllHandles	5	0 s	0.000 s
...set(rootobj,'ShowHiddenHandles',Temp)	5	0 s	0.000 s
graph2d\private\lineseriesmex (MEX-file)	3	0 s	0.000 s
scribe\private\getplotmanager	3	0 s	0.000 s
graphics.plotmanager.plotmanager	3	0 s	0.000 s
graph2dhelper	3	0 s	0.000 s
graphics.plotevent.schema	1	0 s	0.000 s
findMaxPower	1	0 s	0.000 s
interp1>Interp1D	14	0 s	0.000 s
CycleMaster>UseFrictionCurve_Callback	1	0 s	0.000 s
...pace.MatlabWorkspaceListener.swl(swl)	3	0 s	0.000 s
workspacefunc>getWhosInformation	3	0 s	0.000 s

Self time is the time spent in a function excluding the time spent in its child fu
time also includes overhead resulting from the process of profiling.

nctions. Self