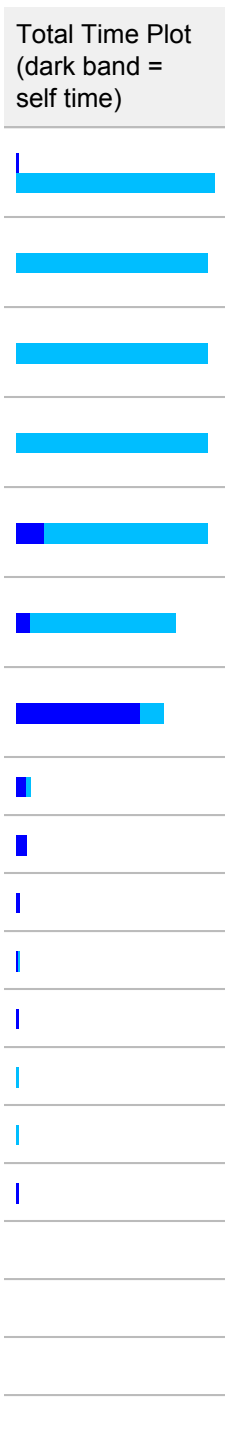


Profile Summary

Generated 27-Nov-2018 12:59:12 using performance time.

Function Name	Calls	Total Time	Self Time*
prototypeSim	1	536.872 s	5.070 s
ode45	1	515.891 s	0.401 s
...t.y)rotorStateSimple(t.y,rotor.water)	20599	515.329 s	0.192 s
rotorStateSimple	20599	515.137 s	0.887 s
rotor>rotor.computeAeroLoadsBasic	20599	513.717 s	74.061 s
bladesection>bladesection.computeLoads	1235940	431.701 s	37.429 s
interp1	3707820	394.272 s	331.238 s
interp1>reshapeAndSortXandV	3707820	37.944 s	28.693 s
interp1>parseinputs	3707820	25.090 s	25.090 s
interp1>reshapeValuesV	3707820	9.252 s	9.252 s
getframe	201	8.361 s	4.449 s
cross	2471880	7.956 s	7.956 s
axis	402	3.866 s	0.133 s
graphics\private\alternateGetframe	201	3.765 s	0.057 s
getframeWithDecorations	201	3.703 s	3.667 s
axis>isnumericAxes	201	1.535 s	1.535 s
newplot	604	1.440 s	0.117 s
newplot>ObserveAxesNextPlot	604	1.154 s	0.087 s
axis>LocCheckCompatibleLimits	201	1.113 s	1.029 s



cla	202	1.066 s	0.038 s
graphics\private\clo	202	0.937 s	0.937 s
xlabel	201	0.905 s	0.888 s
axis>LocSetEqual	201	0.809 s	0.022 s
axis>LocSetImage	201	0.787 s	0.644 s
ylabel	201	0.782 s	0.770 s
hold	402	0.313 s	0.228 s
funfun\private\odearguments	1	0.266 s	0.131 s
close	2	0.210 s	0.008 s
rotor>rotor.set.position	20600	0.205 s	0.205 s
close>request_close	2	0.148 s	0.008 s
UnsupportedInUifigure	201	0.147 s	0.091 s
axis>LocSetTight	201	0.143 s	0.143 s
markFigure	804	0.138 s	0.138 s
axis>LocSetLimits	201	0.137 s	0.137 s
gobjects	1208	0.131 s	0.131 s
closereq	4	0.124 s	0.120 s
rotor>rotor.set.orientation	20600	0.115 s	0.115 s
rotor>rotor.set.velocity	20600	0.113 s	0.113 s
rotor>rotor.set.angvel	20600	0.102 s	0.102 s
graphics\private\claNotify	202	0.092 s	0.072 s
is2D	201	0.084 s	0.010 s
is2D>testOneAxes	201	0.074 s	0.074 s
close>safegetchildren	1	0.052 s	0.006 s
axis>iscartesian	201	0.039 s	0.039 s
setdiff	2	0.039 s	0.003 s
axis>allAxes	402	0.036 s	0.036 s

setdiff>setdiffR2012a	2	0.036 s	0.005 s
ismember	6	0.036 s	0.003 s
ismember>ismemberR2012a	6	0.033 s	0.006 s
newplot>ObserveFigureNextPlot	604	0.031 s	0.031 s
getFigureJavaFrame	201	0.029 s	0.029 s
isUIFigure	201	0.028 s	0.028 s
ismember>ismemberClassTypes	6	0.027 s	0.008 s
onCleanup>onCleanup.delete	403	0.022 s	0.009 s
graph2d\private\labelcheck	402	0.021 s	0.016 s
clearNotify	200	0.020 s	0.020 s
unique	6	0.018 s	0.008 s
funfun\private\ntpr45split	199	0.017 s	0.017 s
close>request_close_helper	8	0.015 s	0.007 s
rotor>rotor.rotor	1	0.012 s	0.012 s
axescheck	402	0.011 s	0.011 s
unique>uniqueR2012a	6	0.010 s	0.010 s
odeget	11	0.009 s	0.006 s
UnsupportedInUifigure>@().warning(w)	201	0.008 s	0.008 s
airfoil>airfoil.airfoil	1	0.008 s	0.003 s
onCleanup>onCleanup.onCleanup	403	0.008 s	0.008 s
convertStringToCharArgs	402	0.007 s	0.007 s
com.mathworks.hg.peer.HG2FigurePeer (Java method)	201	0.007 s	0.007 s
...asPlugin>CanvasPlugin.createCanvas	2	0.007 s	0.003 s
allchild	1	0.007 s	0.004 s
clearvars	1	0.005 s	0.003 s
blade>blade.blade	1	0.005 s	0.005 s

airfoil>getClCdCmCurve	1	0.005 s	0.005 s
isFigureShowEnabled	201	0.005 s	0.005 s
gra...\labelcheck>local_validlabelobj	402	0.005 s	0.005 s
...t:ToolbarController.ToolbarController	2	0.004 s	0.004 s
...figure>@().lastwarn(lastmsg.lastid)	201	0.004 s	0.004 s
odeget>getknownfield	11	0.003 s	0.003 s
...olbarController>@(e.d)obj.delete()	4	0.003 s	0.001 s
funfun\private\odefinalize	1	0.002 s	0.002 s
close>checkfigs	7	0.002 s	0.002 s
...ontroller>ToolbarController.delete	4	0.002 s	0.002 s
fluid>fluid.fluid	1	0.002 s	0.001 s
gcbf	8	0.002 s	0.002 s
clearvars>parseArgs	1	0.002 s	0.002 s
ismember>ismemberBuiltinTypes	2	0.001 s	0.001 s
...ddenHandles'.oldUDDShowHiddenHandles)	4	0.001 s	0.001 s
close>getEmptyHandleList	4	0.001 s	0.001 s
funfun\private\odemass	1	0.001 s	0.001 s
fluid>fluid.set.velocity	2	0.001 s	0.001 s
...vasPlugin>CanvasPlugin.getInstance	2	0.001 s	0.001 s
funfun\private\odeevents	1	0.001 s	0.001 s
allchild>getchildren	1	0.001 s	0.001 s
...set(rootobj.'ShowHiddenHandles'.Temp)	1	0.001 s	0.001 s
uitools\private\allchildRootHelper	1	0.001 s	0.001 s
bladesection>bladesection.bladesection	1	0.000 s	0.000 s
clearvars>createPattern	1	0.000 s	0.000 s
blade>thinrod	1	0.000 s	0.000 s
blade>blade.set.sectionLocs	1	0.000 s	0.000 s

funfun\private\odefcncleanup	1	0.000 s	0.000 s
blade>blade.set.centermass	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.

ctions. Self