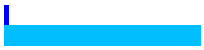
Profile Summary

Generated 14-Jan-2017 15:49:59 using performance time.

Function Name	Calls	**Total Time**	Self Time*
Main_isotropic	1	120.444 s	2.128 s
plot_animation_search	1801	112.264 s	28.717 s
plot_animation_search>plot_state_trace	1800	31.718 s	24.898 s
hold	16210	28.607 s	21.184 s
plot_animation_search>plot_jammer	1801	7.359 s	3.841 s
plot_animation_search>plot_uav	1801	6.764 s	3.581 s
markFigure	16213	6.564 s	6.564 s
axis	2	6.303 s	0.013 s
axis>LocCheckCompatibleLimits	1	6.275 s	6.270 s
plot_animation_search>plot_r_est	1801	5.982 s	2.947 s
plot_animation_search>plot_state_pos_est	1801	5.411 s	2.281 s
plot_animation_search>plot_loiter	1801	4.984 s	1.688 s
plot_animation_search>plot_geo_est	1801	4.735 s	1.572 s
...imation_search>plot_uav_jammer_vec	1801	4.354 s	1.247 s
plot_animation_search>plot_uav_trace	1801	4.338 s	1.211 s
newplot	1794	3.908 s	2.084 s
get_true_side	1	3.072 s	3.072 s
filtfilt	1795	1.945 s	0.177 s
filtfilt>ffOneChanCat	1795	1.363 s	1.363 s
ishold	1795	1.278 s	1.278 s
gobjects	3588	0.923 s	0.923 s
butter	1	0.893 s	0.306 s
axescheck	16210	0.865 s	0.865 s

Total Time Plot (dark band = self time)


newplot>ObserveAxesNextPlot	1794	0.668 s	0.558 s
filtfilt>getCoeffsAndInitialConditions	1795	0.404 s	0.404 s
zp2ss	1	0.246 s	0.167 s
newplot>ObserveFigureNextPlot	1794	0.232 s	0.232 s
lp2lp	1	0.183 s	0.110 s
poly	3	0.121 s	0.121 s
cla	1	0.110 s	0.094 s
sigcheckfloattype	10	0.094 s	0.094 s
plot_animation_search>plot_P_cov_ell	1	0.080 s	0.072 s
xlabel	1	0.074 s	0.073 s
sigcasttofloat	2	0.073 s	0.002 s
get_geo_data	1794	0.070 s	0.070 s
close	1	0.060 s	0.005 s
cplxpair	2	0.058 s	0.055 s
close>safegetchildren	1	0.053 s	0.040 s
bilinear	1	0.043 s	0.017 s
grid	1	0.023 s	0.020 s
butter>buttnum	1	0.019 s	0.005 s
ylabel	1	0.014 s	0.013 s
graphics\private\clo	1	0.012 s	0.012 s
allchild	1	0.012 s	0.007 s
axis>iscartesian	1	0.007 s	0.007 s
num2str	1	0.007 s	0.003 s
is2D	1	0.005 s	0.001 s
buttap	1	0.005 s	0.005 s
axis>LocSetLimits	1	0.004 s	0.003 s
linspace	1	0.004 s	0.004 s
zp2ss>parse_input	1	0.004 s	0.004 s
graphics\private\claNotify	1	0.004 s	0.004 s

is2D>testOneAxes	1	0.004 s	0.004 s
get_obs_condtn	3	0.004 s	0.004 s
num2str>handleNumericPrecision	1	0.003 s	0.001 s
abcdchk	2	0.003 s	0.003 s
num2str>convertUsingRecycledSprintf	1	0.003 s	0.003 s
onCleanup>onCleanup.delete	1	0.003 s	0.002 s
shiftdim	1	0.002 s	0.002 s
graph2d\private\labelcheck	2	0.001 s	0.001 s
signal\private\iirchk	1	0.001 s	0.001 s
place_jammer	1	0.001 s	0.001 s
close>getEmptyHandleList	1	0.001 s	0.001 s
onCleanup>onCleanup.onCleanup	1	0.001 s	0.001 s
axis>allAxes	2	0.001 s	0.001 s
...set(rootobj,'ShowHiddenHandles',Temp)	1	0.001 s	0.001 s
allchild>getchildren	1	0.001 s	0.001 s
uitools\private\allchildRootHelper	1	0.001 s	0.001 s
place_uav	1	0.001 s	0.001 s
close>request_close	1	0.000 s	0.000 s
close>checkfigs	1	0.000 s	0.000 s

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

d functions.