Profile Summary

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Function Name	Calls	Total Time	Self Time*
main	1	3376.793 s	164.433 s
fn_UT0	8206	1607.846 s	977.136 s
fn_UT1	8124	1592.119 s	967.647 s
kron	302874	1258.091 s	1258.091 s
fn_QuImg	7	5.288 s	2.781 s
fn_LSBext	5	3.996 s	0.033 s
fn_qureg	442314	1.994 s	1.994 s
imwrite	2	1.744 s	0.015 s
imagesci\private\writepng	2	1.721 s	1.700 s
fn_fibscr	1	1.250 s	0.533 s
fn_invarn	1	1.027 s	0.456 s
fn_invfib	1	1.009 s	0.440 s
fn_arnscr	1	0.986 s	0.439 s
imshow	4	0.437 s	0.239 s
subplot	4	0.419 s	0.282 s
subplot>addAxesToGrid	4	0.080 s	0.055 s
imread	2	0.073 s	0.020 s
imageDisplayParseInputs	4	0.072 s	0.024 s
newplot	8	0.065 s	0.012 s
basicImageDisplay	4	0.056 s	0.030 s
graph2d\private\subplot_parseargs	4	0.052 s	0.043 s
imageDisplayValidateParams	4	0.046 s	0.022 s
newplot>ObserveAxesNextPlot	8	0.046 s	0.007 s

Total Time Plot (dark band = self time)

cla	8	0.038 s	0.011 s
de2bi	5	0.037 s	0.036 s
title	4	0.030 s	0.023 s
imread>get_format_info	1	0.022 s	0.005 s
graphics\private\clo	8	0.022 s	0.022 s
isSingleImageDefaultPos	4	0.022 s	0.011 s
close	1	0.020 s	0.002 s
bi2de	5	0.019 s	0.011 s
...ubplotListenersManager.addToListeners	4	0.019 s	0.014 s
getrangefromclass	4	0.019 s	0.017 s
imread>call_format_specific_reader	2	0.019 s	0.006 s
close>safegetchildren	1	0.018 s	0.011 s
allchild	5	0.017 s	0.010 s
imagesci\private\imftype	1	0.017 s	0.008 s
fn_QtoC	2	0.014 s	0.012 s
imagesci\private\readpng	2	0.013 s	0.003 s
imagesci\private\writepng>parseInputs	2	0.013 s	0.013 s
imformats	5	0.012 s	0.004 s
convertStringToCharArgs	8	0.012 s	0.008 s
gobjects	17	0.011 s	0.009 s
ismember	8	0.010 s	0.002 s
imagesci\private\readpngutil	2	0.010 s	0.003 s
bi2de>validateInputs	5	0.008 s	0.008 s
ismember>ismemberR2012a	8	0.008 s	0.003 s
graphics\private\claNotify	8	0.005 s	0.005 s
fileparts	2	0.005 s	0.005 s
ismember>ismemberBuiltinTypes	8	0.005 s	0.005 s
imread>get_full_filename	2	0.005 s	0.005 s
imformats>find_in_registry	5	0.004 s	0.004 s

onCleanup>onCleanup.delete	5	0.004 s	0.003 s
imformats>build_registry	1	0.004 s	0.004 s
fn_expand	1	0.004 s	0.004 s
convertStringsToChars	8	0.004 s	0.003 s
...otListenersManager>find3emptycells	3	0.004 s	0.004 s
imshow>getBorder	4	0.004 s	0.002 s
fn_ket	11	0.003 s	0.003 s
intenext	4	0.003 s	0.003 s
subplot>datasiblings	4	0.003 s	0.003 s
clearvars	1	0.003 s	0.002 s
imagesci\private\pngwritec (MEX-file)	2	0.002 s	0.002 s
rmfield	4	0.002 s	0.002 s
allchild>getchildren	5	0.002 s	0.002 s
markFigure	4	0.002 s	0.002 s
...;@(o,e)subplotlayoutInvalid(ax,e,fig)	16	0.002 s	0.002 s
ind2sub	2	0.002 s	0.002 s
repmat	1	0.002 s	0.002 s
imwrite>get_format_from_filename	2	0.002 s	0.001 s
imagesci\private\getFileFromURL	2	0.002 s	0.000 s
newplot>ObserveFigureNextPlot	8	0.002 s	0.002 s
intmax	6	0.002 s	0.002 s
imageDisplayParsePVPairs	4	0.002 s	0.002 s
validatestring	2	0.002 s	0.001 s
fn_shrink	1	0.002 s	0.002 s
contains	2	0.002 s	0.001 s
settings	12	0.002 s	0.002 s
...t;preParseInputsForSpatialReferencing	4	0.002 s	0.001 s
...set(rootobj,'ShowHiddenHandles',Temp)	5	0.001 s	0.001 s
imwrite>validateSizes	2	0.001 s	0.001 s

...plotListenersManager>findemptycell	3	0.001 s	0.001 s
subplot>isSubplotCandidate	6	0.001 s	0.001 s
gray	4	0.001 s	0.001 s
fliplr	5	0.001 s	0.001 s
uitools\private\allchildRootHelper	5	0.001 s	0.001 s
...DeleteListenersManager.addToListeners	4	0.001 s	0.001 s
imagesci\private\ispng	1	0.001 s	0.001 s
close>getEmptyHandleList	1	0.001 s	0.001 s
validatestring>checkString	2	0.001 s	0.001 s
imwrite>parse_inputs	2	0.001 s	0.001 s
graph2d\private\labelcheck	4	0.001 s	0.001 s
imagesci\private\pngreadc (MEX-file)	2	0.001 s	0.001 s
checkDisplayRange	4	0.001 s	0.001 s
intmin	4	0.001 s	0.001 s
onCleanup>onCleanup.onCleanup	5	0.001 s	0.001 s
clearvars>parseArgs	1	0.001 s	0.001 s
imshow>processReduceSyntax	4	0.001 s	0.001 s
imageDisplayValidateParams>validateCData	4	0.001 s	0.001 s
strfun\private\isTextStrict	2	0.001 s	0.001 s
...tenersManager.SubplotListenersManager	1	0.000 s	0.000 s
ispc	2	0.000 s	0.000 s
imshow>preParseInputs	4	0.000 s	0.000 s
imread>parse_inputs	2	0.000 s	0.000 s
cell.ismember	1	0.000 s	0.000 s
convertStringsToChars>convertStrings	12	0.000 s	0.000 s
repmat>checkSizesType	1	0.000 s	0.000 s
imageDisplayValidateParams>findImageType	4	0.000 s	0.000 s
validatestring>checkInputs	2	0.000 s	0.000 s
imageDisplayValidateParams>validateMap	4	0.000 s	0.000 s

isCharOrString	4	0.000 s	0.000 s
imshow>@(c)isa(c,'imref2d')	4	0.000 s	0.000 s
imshow>convertImrefToXDataYData	4	0.000 s	0.000 s
imagesci\private\readpng>parse_args	2	0.000 s	0.000 s
...playValidateParams>getCDataMapping	4	0.000 s	0.000 s
...Manager.SubplotDeleteListenersManager	4	0.000 s	0.000 s
close>checkfigs	1	0.000 s	0.000 s
clearvars>createPattern	1	0.000 s	0.000 s
close>request_close	1	0.000 s	0.000 s

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

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