Profile Summary
Generated 20-May-2020 22:46:33 using performance time.

Function Name	<u>Calls</u>	Total Time	Self Time*
<u>main</u>	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_Qulmg	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
<u>imwrite</u>	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
<u>imageDisplayParseInputs</u>	4	0.072 s	0.024 s
newplot	8	0.065 s	0.012 s
<u>basicImageDisplay</u>	4	0.056 s	0.030 s
graph2d\private\subplot_parseargs	4	0.052 s	0.043 s
<u>imageDisplayValidateParams</u>	4	0.046 s	0.022 s
newplot>ObserveAxesNextPlot	8	0.046 s	0.007 s

Total Time Plot (dark band = self time)

<u>cla</u>	8	0.038 s	0.011 s
de2bi	5	0.037 s	0.036 s
<u>title</u>	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
<u>isSingleImageDefaultPos</u>	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
<u>getrangefromclass</u>	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
<u>allchild</u>	5	0.017 s	0.010 s
magesci\private\imftype	1	0.017 s	0.008 s
fn_QtoC	2	0.014 s	0.012 s
magesci\private\readpng	2	0.013 s	0.003 s
magesci\private\writepng>parseInputs	2	0.013 s	0.013 s
mformats	5	0.012 s	0.004 s
convertStringToCharArgs	8	0.012 s	0.008 s
<u>gobjects</u>	17	0.011 s	0.009 s
<u>ismember</u>	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
<u>fileparts</u>	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
	-	·	

	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
<u>convertStringsToChars</u>	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
<u>markFigure</u>	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
<u>imageDisplayParsePVPairs</u>	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
<u>settings</u>	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

bplot≥isSubplotCandidate ay 4 0.001 s 0.001 s 0.001 s		ı	ı	
ay 4 0.001 s	plotListenersManager>findemptycell	3	0.001 s	0.001 s
Description	subplot>isSubplotCandidate	6	0.001 s	0.001 s
DeleteListenersManager.addToListeners 4 0.001 s 0.001 s DeleteListenersManager.addToListeners 4 0.001 s 0.001 s agesciprivate\ispng 1 0.001 s 0.001 s bese>getEmptyHandleList 1 0.001 s 0.001 s blidatestring>checkString 2 0.001 s 0.001 s burite>parse_inputs 2 0.001 s 0.001 s baph2d\private\labelcheck 4 0.001 s 0.001 s baph2d\private\labelcheck 4 0.001 s 0.001 s baph2d\private\labelcheck 4 0.001 s 0.001 s backDisplayRange 1 0.001 s 0.001 s backDisplayRange 1 0.001 s 0.001 s	gray	4	0.001 s	0.001 s
DeleteListenersManager.addToListeners 4 0.001 s 0.001 s lagesci\private\ispng 1 0.001 s 0.001 s lose>getEmptyHandleList 1 0.001 s 0.001 s lidatestring>checkString 2 0.001 s 0.001 s write>parse_inputs 2 0.001 s 0.001 s aph2d\private\labelcheck 4 0.001 s 0.001 s agesci\private\pngreadc (MEX-file) 2 0.001 s 0.001 s agesci\private\pngreadc (MEX-file) 2 0.001 s 0.001 s eckDisplayRange 4 0.001 s 0.001 s min 4 0.001 s 0.001 s ccleanup>onCleanup.onCleanup 5 0.001 s 0.001 s ccleanup>onCleanup.onCleanup 5 0.001 s 0.001 s carvars>parseArgs 1 0.001 s 0.001 s show>processReduceSyntax 4 0.001 s 0.001 s deplemate by ValidateParams>validateCData 4 0.001 s 0.001 s denersManager.SubplotListenersManager 1	fliplr	5	0.001 s	0.001 s
agesci\private\ispng	uitools\private\allchildRootHelper	5	0.001 s	0.001 s
1	DeleteListenersManager.addToListeners	4	0.001 s	0.001 s
	imagesci\private\ispng	1	0.001 s	0.001 s
write>parse_inputs 2 0.001 s 0.001 s aph2d\private\labelcheck 4 0.001 s 0.001 s 0.001 s aph2d\private\pngreadc (MEX-file) 2 0.001 s 0.000 s 0	close>getEmptyHandleList	1	0.001 s	0.001 s
aph2d\private\labelcheck 4 0.001 s 0.001 s agesci\private\pngreadc (MEX-file) 2 0.001 s 0.001 s eckDisplayRange 4 0.001 s 0.001 s description 4 0.001 s 0.001 s description 5 0.001 s 0.001 s description 0.001 s 0.001 s 0.001 s description 4 0.001 s 0.001 s description 2 0.001 s 0.001 s description 2 0.001 s 0.000 s description 2 0.000 s 0.000 s description 2 0.000 s 0.000 s description 4 0.000 s 0.000 s description 4 0.000 s 0.000 s description 4 0.000 s 0.000 s	validatestring>checkString	2	0.001 s	0.001 s
agesci\private\pngreadc (MEX-file) 2 0.001 s 0.001 s deckDisplayRange 4 0.001 s 0.001 s dimin 4 0.001 s 0.001 s dicteanup>onCleanup.onCleanup 5 0.001 s 0.001 s dearvars>parseArgs 1 0.001 s 0.001 s show>processReduceSyntax 4 0.001 s 0.001 s dageDisplayValidateParams>validateCData 4 0.001 s 0.001 s denersManager.SubplotListenersManager 1 0.000 s 0.000 s denersManager.SubplotListenersManager 2 0.000 s 0.000 s	imwrite>parse_inputs	2	0.001 s	0.001 s
A	graph2d\private\labelcheck	4	0.001 s	0.001 s
trmin 4 0.001 s 0.001 s tCleanup>onCleanup.onCleanup 5 0.001 s 0.001 s tearvars>parseArgs 1 0.001 s 0.001 s show>processReduceSyntax 4 0.001 s 0.001 s tageDisplayValidateParams>validateCData 4 0.001 s 0.001 s tenersManager.SubplotListenersManager 1 0.000 s 0.000 s tenersManager.SubplotListenersManager 1 0.000 s 0.000 s tenersManager.SubplotListenersManager 4 0.000 s 0.000 s show>preParseInputs 4 0.000 s 0.000 s tread>parse_inputs 2 0.000 s 0.000 s thismember 1 0.000 s 0.000 s thismember	imagesci\private\pngreadc (MEX-file)	2	0.001 s	0.001 s
Cleanup>onCleanup 5	<u>checkDisplayRange</u>	4	0.001 s	0.001 s
1 0.001 s 0.001 s 0.001 s show>processReduceSyntax 4 0.001 s 0.001 s 0.001 s ageDisplayValidateParams>validateCData 4 0.001 s 0.000 s 0.00	<u>ntmin</u>	4	0.001 s	0.001 s
show>processReduceSyntax 4 0.001 s 0.001 s ageDisplayValidateParams>validateCData 4 0.001 s 0.001 s fun\private\isTextStrict 2 0.001 s 0.001 s tenersManager.SubplotListenersManager 1 0.000 s 0.000 s oc 2 0.000 s 0.000 s show>preParseInputs 4 0.000 s 0.000 s read>parse_inputs 2 0.000 s 0.000 s onvertStringsToChars>convertStrings 12 0.000 s 0.000 s onvertStringsToChars>convertStrings 1 0.000 s 0.000 s ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s didatestring>checkInputs 2 0.000 s 0.000 s	onCleanup>onCleanup.onCleanup	5	0.001 s	0.001 s
ageDisplayValidateParams>validateCData 4 0.001 s 0.001 s fun\private\isTextStrict 2 0.001 s 0.001 s tenersManager.SubplotListenersManager 1 0.000 s 0.000 s oc 2 0.000 s 0.000 s show>preParseInputs 4 0.000 s 0.000 s show>parse_inputs 2 0.000 s 0.000 s show=parse_inputs 1 0.000 s 0.000 s show=parse_inputs 2 0.000 s 0.000 s show=parse_inputs 1 0.000 s 0.000 s show=parse_inputs <td>clearvars>parseArgs</td> <td>1</td> <td>0.001 s</td> <td>0.001 s</td>	clearvars>parseArgs	1	0.001 s	0.001 s
fun\private\isTextStrict 2 0.001 s 0.001 s tenersManager.SubplotListenersManager 1 0.000 s 0.000 s oc 2 0.000 s 0.000 s show>preParseInputs 4 0.000 s 0.000 s read>parse_inputs 2 0.000 s 0.000 s onvertStringsToChars>convertStrings 12 0.000 s 0.000 s onvertStringsToChars>convertStrings 12 0.000 s 0.000 s opmat>checkSizesType 1 0.000 s 0.000 s ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s didatestring>checkInputs 2 0.000 s 0.000 s	mshow>processReduceSyntax	4	0.001 s	0.001 s
tenersManager.SubplotListenersManager 1 0.000 s 0.000 s oc 2 0.000 s 0.000 s show>preParseInputs 4 0.000 s 0.000 s read>parse_inputs 2 0.000 s 0.000 s onvertStringsToChars>convertStrings 12 0.000 s 0.000 s opmat>checkSizesType 1 0.000 s 0.000 s ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s didatestring>checkInputs 2 0.000 s 0.000 s	mageDisplayValidateParams>validateCData	4	0.001 s	0.001 s
oc 2 0.000 s 0.000 s show>preParseInputs 4 0.000 s 0.000 s read>parse_inputs 2 0.000 s 0.000 s rell.ismember 1 0.000 s 0.000 s revertStringsToChars>convertStrings 12 0.000 s 0.000 s pmat>checkSizesType 1 0.000 s 0.000 s rageDisplayValidateParams>findImageType 4 0.000 s 0.000 s lidatestring>checkInputs 2 0.000 s 0.000 s	strfun\private\isTextStrict	2	0.001 s	0.001 s
show>preParseInputs 4 0.000 s 0.000 s gread>parse_inputs 2 0.000 s 0.000 s onvertStringsToChars>convertStrings 12 0.000 s 0.000 s opmat>checkSizesType 1 0.000 s 0.000 s ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s lidatestring>checkInputs 2 0.000 s 0.000 s	tenersManager.SubplotListenersManager	1	0.000 s	0.000 s
read>parse_inputs 2 0.000 s 0.000 s ill.ismember 1 0.000 s 0.000 s invertStringsToChars>convertStrings 12 0.000 s 0.000 s pmat>checkSizesType 1 0.000 s 0.000 s ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s lidatestring>checkInputs 2 0.000 s 0.000 s	ispc	2	0.000 s	0.000 s
III.ismember 1 0.000 s 0.000 s InvertStringsToChars>convertStrings 12 0.000 s 0.000 s pmat>checkSizesType 1 0.000 s 0.000 s ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s lidatestring>checkInputs 2 0.000 s 0.000 s	imshow>preParseInputs	4	0.000 s	0.000 s
pmat>checkSizesType 1 0.000 s	imread>parse_inputs	2	0.000 s	0.000 s
pmat>checkSizesType 1 0.000 s 0.000 s ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s lidatestring>checkInputs 2 0.000 s 0.000 s	<u>cell.ismember</u>	1	0.000 s	0.000 s
ageDisplayValidateParams>findImageType 4 0.000 s 0.000 s lidatestring>checkInputs 2 0.000 s 0.000 s	convertStringsToChars>convertStrings	12	0.000 s	0.000 s
lidatestring>checkInputs 2 0.000 s 0.000 s	repmat>checkSizesType	1	0.000 s	0.000 s
	imageDisplayValidateParams>findImageType	4	0.000 s	0.000 s
ageDisplayValidateParams>validateMap 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.

ons.