Profile Summary (Total time: 270.584 s)

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
ImageProcessing	1	270.530	0.272	
brutForce	238	218.229	143.261	
squeeze	90655120	79.091	79.091	
writecell	238	38.217	0.107	
writetable	238	37.760	0.113	
writeXLSFile	238	37.486	31.444	
randPick	238	12.535	8.408	
writeXLSFile>createWorkbook	238	5.891	0.006	
createWorkbook	238	5.884	0.009	
createWorkbook>constructWorkbook	238	5.870	5.870	
imread	238	1.053	0.046	
imread>call_format_specific_reader	238	0.895	0.026	
imagesci\private\readpng	238	0.869	0.007	
imagesci\private\readpngutil	238	0.861	0.148	
imagesci\private\pngreadc (MEX-file)	238	0.694	0.694	
table.table>table.table	238	0.267	0.054	
string.strcat	712	0.121	0.040	
tabular.tabular>tabular.initInternals	238	0.099	0.017	
parseArgs	714	0.083	0.083	
makeUniqueStrings	476	0.082	0.026	
cell.strcat	712	0.081	0.075	
tabularDimension>tabularDimension.createLike	476	0.074	0.012	
varNamesDim>varNamesDim.createLike	238	0.062	0.007	
tabularDimension>tabularDimension.setLabels	476	0.062	0.009	
rgb2gray	238	0.062	0.054	
imread>get_full_filename	238	0.061	0.061	
tabular.subsref	476	0.056	0.014	
getExtendedErrorCallback	1	0.053	0.004	
table.table>table.getPropertyNamesList	1	0.050	0.050	
metaDim>metaDim.checkAgainstVarLabels	238	0.047	0.005	
varNamesDim>varNamesDim.validateAndAssignLabels	238	0.045	0.016	
tabular.subsrefDot	476	0.041	0.022	
fullfile	238	0.040	0.017	
makeUniqueStrings>makeUnique	476	0.037	0.037	
fileparts	714	0.034	0.011	
num2str	238	0.032	0.012	
writeXLSFile>getArgs	238	0.031	0.009	
mapTopic	1	0.027	0.001	
fileparts>legacyPCExecution	714	0.023	0.023	
writeXLSFile>getSheetFromBook	238	0.022	0.022	
…wFactory>helpviewFactory.get_location_for_shortname_and_topic	1	0.021	0.006	
int2str	238	0.021	0.021	
validateSupportedWriteCellType	238	0.020	0.015	
validatestring	238	0.019	0.006	

ismember	238	0.018	0.006	
imagesci\private\cachedFormat	476	0.018	0.018	
fullfile>refinePath	238	0.018	0.006	
tabular.getProperty	238	0.018	0.012	
isSearchAvailable	1	0.015	0.001	
isSearchAvailable>isJavaClassLoaded	1	0.014	0.001	
tabular.size	476	0.013	0.010	
isSearchAvailable>getFindLoadedClassMethod	1	0.013	0.008	
ismember>ismemberR2012a	238	0.013	0.006	
varNamesDim>varNamesDim.makeValidName	238	0.012	0.006	
tabular.tabular>tabular.countVarInputs	238	0.012	0.011	
fullfile>fixIRI	238	0.012	0.012	
writeXLSFile>parseRange	238	0.012	0.012	
validateWriteFunctionArgumentOrder	476	0.010	0.007	
repmat	238	0.009	0.008	
close	1	0.009	0.001	
RemoteToLocal>RemoteToLocal.RemoteToLocal	238	0.009	0.008	
validatestring>checkString	238	0.009	0.009	
helpviewFactory>helpviewFactory.get_location_for_topic	1	0.008	0.000	
tabularDimension>tabularDimension.checkDuplicateLabels	238	0.008	0.008	
rgb2gray>parse_inputs	238	0.008	0.008	
…athworks.help.helpui.DocSetItemTopicCshRetriever (Java method)	1	0.008	0.007	
close>safegetchildren	1	0.008	0.002	
makeUniqueStrings>validateExclStrOrElemToChk	476	0.008	0.006	
makeUniqueStrings>truncateString	476	0.008	0.008	
rowNamesDim>rowNamesDim.validateAndAssignLabels	238	0.007	0.007	
imagesci\private\getFileFromURL	238	0.007	0.007	
…rks.mlwidgets.help.MLHelpTopicUrlRetrieverFactory (Java method)	2	0.007	0.007	
getDocAnchorForErrorID	1	0.007	0.007	
ismember>ismemberBuiltinTypes	238	0.007	0.007	
cellstr	238	0.006	0.006	
tabular.matchPropertyName	238	0.006	0.004	
num2cell	956	0.006	0.006	
RemoteToLocal>RemoteToLocal.delete	238	0.006	0.004	
createWorkbook>initLibrary	238	0.006	0.006	
getHelpviewFactory	1	0.006	0.005	
tabularDimension>tabularDimension.assignLabels	238	0.006	0.006	
imread>parse_inputs	238	0.006	0.006	
allchild	1	0.005	0.004	
fullfile>ensureTrailingFilesep	238	0.005	0.002	
varNamesDim>varNamesDim.checkReservedNames	238	0.005	0.003	
cell.ismember	238	0.005	0.005	
isScalarInt	714	0.005	0.005	
isScalarText	714	0.004	0.004	
validateVariableNameLength	477	0.004	0.004	
isSupportedWriteMatrixType	956	0.004	0.004	
isCharString	1190	0.004	0.004	
opaque.string	44	0.004	0.002	
tabular.isempty	952	0.004	0.004	
validatestring>checkInputs	238	0.004	0.004	

deg2rad	477	0.003	0.003	
writeXLSFile>ncolsCell	956	0.003	0.003	
metaDim>metaDim.metaDim	1	0.003	0.001	
writeXLSFile>extractVarChunk	238	0.003	0.003	
pwd	238	0.003	0.003	
fullfile>addTrailingFileSep	238	0.003	0.003	
isText	238	0.003	0.003	
tabular.tabular>tabular.tabular	238	0.003	0.002	
makeUniqueStrings>validateMaxStringLength	476	0.003	0.003	
varNamesDim>varNamesDim.varNamesDim	1	0.002	0.001	
opaque.string>jstring2string	44	0.002	0.002	
RemoteToLocal>RemoteToLocal.deleteIfLocalCopy	238	0.002	0.002	
allchild>getchildren	1	0.002	0.002	
metaDim>metaDim.fixLabelsForCompatibility	1	0.002	0.001	
tabularDimension>tabularDimension.checkReservedNamesImpl	239	0.002	0.002	
validateLogical	476	0.001	0.001	
imagesci\private\readpng>parse_args	238	0.001	0.001	
repmat>checkSizesType	476	0.001	0.001	
…veLoadCompatibility>saveLoadCompatibility.saveLoadCompatibility	240	0.001	0.001	
matricize	238	0.001	0.001	
varNamesDim>varNamesDim.dfltLabels	1	0.001	0.001	
tabularDimension>tabularDimension.init	3	0.001	0.001	
isCharVector	238	0.001	0.001	
istable	238	0.001	0.001	
varNamesDim>varNamesDim.init	1	0.001	0.000	
metaDim>metaDim.initWithCompatibility	1	0.001	0.000	
rmfield	1	0.001	0.001	
helpviewMLFactory>helpviewMLFactory.helpviewMLFactory	1	0.001	0.000	
JavaException>JavaException.JavaException	1	0.001	0.000	
rowNamesDim>rowNamesDim.rowNamesDim	1	0.000	0.000	
java.lang.reflect.Method (Java method)	42	0.000	0.000	
metaDim>metaDim.checkReservedNames	1	0.000	0.000	
close>getEmptyHandleList	1	0.000	0.000	
ExternalException>ExternalException.ExternalException	1	0.000	0.000	
TableProperties>TableProperties.TableProperties	1	0.000	0.000	
usejava	1	0.000	0.000	
CustomProperties>CustomProperties.CustomProperties	1	0.000	0.000	
java.lang.Class (Java method)	8	0.000	0.000	
allchild>@()set(rootobj,'ShowHiddenHandles',Temp)	1	0.000	0.000	
mpower	3	0.000	0.000	
helpviewFactory>helpviewFactory.helpviewFactory	1	0.000	0.000	
TabularProperties>TabularProperties.TabularProperties	1	0.000	0.000	
uitools\private\allchildRootHelper	1	0.000	0.000	
numberedNames	1	0.000	0.000	
close>checkfigs	1	0.000	0.000	
close>request_close	1	0.000	0.000	
tabularDimension>tabularDimension.tabularDimension	3	0.000	0.000	
missing>missing.missing	2	0.000	0.000	
metaDim>metaDim.orientAs	1	0.000	0.000	

varNamesDim>varNamesDim.orientAs	1	0.000	0.000	
java.lang.Thread.currentThread (Java method)	1	0.000	0.000	
webwindowmanager>webwindowmanager.delete	1	0.000	0.000	
java.lang.Thread (Java method)	1	0.000	0.000	
sun.misc.Launcher$AppClassLoader (Java method)	1	0.000	0.000	

***Self time** is the time spent in a function excluding any time spent in child functions. The time includes any overhead time resulting from the profiling process.