Profile Summary

Generated 23-Jul-2019 13:19:26 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
HorseShoeMethod	1	145.715 s	1.119 s	
Load_Cube	2	133.998 s	2.658 s	
imregtform	638	99.685 s	0.477 s	
images/private/regmex (MEX-file)	638	95.498 s	95.498 s	
imwarp	1914	13.613 s	0.450 s	
Calibrate_Image	640	10.945 s	0.671 s	
rmoutliers	1280	9.177 s	0.035 s	
rmMissingOutliers	1280	9.142 s	0.061 s	
ImageDatastore.readimage	781	8.398 s	0.059 s	
...t;ImageDatastore.readUsingSplitReader	781	8.339 s	0.053 s	
rmMissingOutliers>applyFun	1280	8.217 s	0.037 s	
isoutlier	1280	8.180 s	0.046 s	
...holeFileCustomReadSplitReader.getNext	781	7.897 s	0.138 s	
datafun/private/locateoutliers	1280	7.774 s	0.454 s	
@ImageDatastore/...te/readDatastoreImage	781	7.647 s	0.188 s	
imread	781	7.387 s	0.179 s	
datafun/private/datafuniqr	1280	7.268 s	4.159 s	
imwarp>parseInputs	1914	6.572 s	1.599 s	
getframe	141	5.908 s	3.878 s	
imread>call_format_specific_reader	781	5.689 s	0.098 s	
imagesci/private/readtif	781	5.591 s	0.064 s	
imagesci/private/rtifc (MEX-file)	781	5.458 s	5.458 s	
imref2d>imref2d.imref2d	3192	4.701 s	0.401 s	
...ensionManager.SpatialDimensionManager	6384	4.301 s	1.724 s	
validatestring	12134	3.905 s	1.102 s	
interp1q	1280	3.109 s	3.073 s	
imregtform>parseInputs	638	3.101 s	0.935 s	

[imwarp>validateInterpMethod](#)	1914	2.991 s	0.029 s		
[validatestring>checkString](#)	12134	2.488 s	0.556 s		
[imwarp>remapPointsAndResample](#)	1914	1.987 s	0.039 s		
[imwarp>ippWarpAffine](#)	1914	1.916 s	0.343 s		
[printing/private/alternateGetframe](#)	141	1.831 s	0.029 s		
[...string>throwErrorWithArgDescriptor](#)	1914	1.819 s	1.067 s		
[getframeWithDecorations](#)	141	1.798 s	1.675 s		
[imwarp>validateTform](#)	3828	1.773 s	0.312 s		
[attributes](#)	4468	1.602 s	0.170 s		
[imwarp>preparseSpatialReferencingObjects](#)	1914	1.509 s	0.509 s		
[imread>get_full_filename](#)	781	1.377 s	1.377 s		
[undistortImage](#)	640	1.097 s	0.042 s		
[imagesc](#)	143	1.092 s	0.313 s		
[title](#)	141	0.932 s	0.782 s		
[...>SpatialDimensionManager.set.Delta](#)	6384	0.839 s	0.594 s	
[attributes>checkAttrs](#)	4468	0.803 s	0.236 s	
[newplot](#)	145	0.790 s	0.037 s		
[...lDimensionManager.set.NumberOfSamples](#)	6384	0.754 s	0.409 s	
[newplot>ObserveAxesNextPlot](#)	145	0.693 s	0.033 s	
[cla](#)	144	0.660 s	0.026 s	
[...ialDimensionManager.set.DimensionName](#)	6384	0.650 s	0.144 s	
[imageDatastore](#)	1	0.644 s	0.001 s	
[...tore>ImageDatastore.ImageDatastore](#)	1	0.643 s	0.002 s	
[...store>ImageDatastore.initDatastore](#)	1	0.633 s	0.011 s	
[...meraParametersImpl.undistortImageImpl](#)	640	0.583 s	0.204 s	
[images/private/ippgeotrans](#) (MEX-file)	1914	0.581 s	0.581 s	
[...esolvedFileSetFactory.buildCompressed](#)	1	0.575 s	0.001 s	
[graphics/private/clo](#)	144	0.568 s	0.552 s	
[affine2d>affine2d.set.T](#)	6382	0.533 s	0.343 s	
[...edFileSetFactory.buildFileInformation](#)	2	0.533 s	0.002 s	
[lookupAndFilterExtensions](#)	1	0.531 s	0.036 s	

imwarp>postProcessMethodString	1914	0.457 s	0.256 s	
affine2d>affine2d.affine2d	3192	0.456 s	0.091 s	
rat	12768	0.454 s	0.454 s	
pathLookup	1	0.431 s	0.002 s	
pathLookupLocalForDsFileSet	1	0.428 s	0.401 s	
attributes>checkInputs	4468	0.422 s	0.232 s	
rmMissingOutliers>reduceSize	1280	0.414 s	0.414 s	
imwarp>validateInputImage	1914	0.382 s	0.382 s	
getArgumentDescriptor	1914	0.368 s	0.368 s	
isoutlier>parseinput	1280	0.357 s	0.154 s	
...ionManager.set.StartCoordinateInWorld	6384	0.333 s	0.333 s	
...ustomReadFileSetSplitter.createReader	782	0.329 s	0.153 s	
...er>ImageTransformer.transformImage	640	0.328 s	0.018 s	
imwarp>remapPartialParamNamesImwarp	1914	0.322 s	0.121 s	
validatestring>checkInputs	12134	0.315 s	0.315 s	
interp2d	640	0.309 s	0.027 s	
attributes>valueAttributor	7656	0.276 s	0.233 s	
remapmex (MEX-file)	640	0.276 s	0.276 s	
...rm>convertRegmexMatricesToGeotrans	638	0.268 s	0.095 s	
...expectedScalar',msgId,argname,argpos)	3828	0.262 s	0.082 s	
SpatialDimensionManager>simplifyRatio	6384	0.245 s	0.056 s	
rmMissingOutliers>cumputeIndex	1280	0.245 s	0.245 s	
setGlobalVariables	1	0.243 s	0.070 s	
generateArgumentDescriptor	6382	0.242 s	0.198 s	
affine2d>affine2d.invert	1914	0.242 s	0.041 s	
undistortImage>parseInputs	640	0.242 s	0.021 s	
undistortImage>checkCameraParameters	640	0.221 s	0.080 s	
images/...e/computeDefaultRegmexSettings	638	0.215 s	0.051 s	
attributes>checkClass	4468	0.207 s	0.207 s	
rmMissingOutliers>parseInputs	1280	0.206 s	0.086 s	
remapPartialParamNames	1914	0.202 s	0.141 s	

[...nteractions.createDefaultInteractions](#)	282	0.195 s	0.076 s	
[generateId](#)	1914	0.194 s	0.076 s	
[UnsupportedInUifigure](#)	282	0.191 s	0.109 s	
[errorIf](#)	13408	0.177 s	0.134 s	
[colormap](#)	141	0.176 s	0.151 s	
[...atialDimensionManager.get.WorldLimits](#)	17868	0.171 s	0.171 s	
[...arameters>cameraParameters.loadobj](#)	1	0.162 s	0.001 s	
[...>cameraParameters.cameraParameters](#)	1	0.161 s	0.001 s	
[...raParametersImpl.CameraParametersImpl](#)	1	0.160 s	0.007 s	
[attributes>findSupportedAttr](#)	7656	0.160 s	0.160 s	
[imregtform>preparseSpatialRefObjects](#)	638	0.150 s	0.084 s	
[ver](#)	1	0.148 s	0.000 s	
[ver>locGetSingleToolboxInfo](#)	1	0.147 s	0.080 s	
[fileparts](#)	2900	0.147 s	0.127 s	
[...pectedNonempty',msgId,argname,argpos)](#)	3828	0.145 s	0.049 s	
[validatestring>createCommaSeparatedText](#)	1914	0.138 s	0.138 s	
[imref2d>imref2d.get.PixelExtentInWorldX](#)	8932	0.126 s	0.090 s	
[DsFileSet.DsFileSet>DsFileSet.getFiles](#)	783	0.124 s	0.015 s	
[generateId>isValidId](#)	1914	0.118 s	0.118 s	
[mean](#)	3833	0.117 s	0.089 s	
[ismissing](#)	1914	0.113 s	0.019 s	
[rmMissingOutliersVarargin](#)	1280	0.113 s	0.074 s	
[undistortImage>parseInputsMatlab](#)	640	0.113 s	0.113 s	
[imregtform>parseInputs/checkMovingImage](#)	638	0.109 s	0.109 s	
[ResolvedFileSet>ResolvedFileSet.getFiles](#)	783	0.109 s	0.011 s	
[imregtform>parseInputs/checkFixedImage](#)	638	0.107 s	0.107 s	
[imref2d>imref2d.get.PixelExtentInWorldY](#)	8932	0.101 s	0.073 s	
[...t;RemoteToLocalFile.RemoteToLocalFile](#)	781	0.098 s	0.057 s	
[...t;CompressedFileSet.getFilesAsCellStr](#)	783	0.098 s	0.095 s	
[imref2d>imref2d.get.XWorldLimits](#)	5104	0.097 s	0.051 s	
[ismissingKernel](#)	1914	0.095 s	0.072 s	

validateImage	640	0.093 s	0.013 s	
imregtform>parseInputs/checkTransform	638	0.092 s	0.015 s	
imref2d>imref2d.get.YWorldLimits	5104	0.085 s	0.048 s	
subplot	2	0.082 s	0.031 s	
affine2d>affine2d.get.Tinv	1914	0.079 s	0.073 s	
onCleanup>onCleanup.delete	1348	0.077 s	0.035 s	
imref2d>imref2d.get.ImageSize	2552	0.077 s	0.077 s	
validateImage>localValidate	640	0.077 s	0.025 s	
imwarp>checkOutputViewAgreementWithTform	1914	0.070 s	0.070 s	
imagesci/private/readtif>parse_args	781	0.069 s	0.052 s	
cell.ismember	3347	0.068 s	0.068 s	
graphics/private/claNotify	144	0.066 s	0.051 s	
imregtform>@(c)isa(c,'imref2d')	3190	0.066 s	0.066 s	
...>SpatialDimensionManager.get.Delta	17864	0.065 s	0.065 s	
remapPartialParamNames>my_strmatch	3828	0.061 s	0.061 s	
imref2d>imref2d.intrinsicToWorld	1276	0.060 s	0.027 s	
imref2d>imref2d.get.XIntrinsicLimits	3828	0.058 s	0.039 s	
...;WholeFileCustomReadSplitReader.reset	782	0.055 s	0.055 s	
imref2d>imref2d.get.YIntrinsicLimits	3828	0.049 s	0.034 s	
isUIFigure	282	0.048 s	0.048 s	
...eArgumentDescriptor>isCharOrString	19146	0.044 s	0.044 s	
gobjects	291	0.043 s	0.037 s	
assert	13408	0.043 s	0.043 s	
attributes>@(x)~isempty(x)	3828	0.042 s	0.042 s	
...>UnifiedAxesInteractions.getCanvas	282	0.041 s	0.041 s	
...leSetFactory.buildFromFileInformation	1	0.041 s	0.001 s	
....queueCreateDefaultInteractionsOnAxes	282	0.041 s	0.012 s	
checkInputName	1280	0.040 s	0.033 s	
...ustomReadFileSetSplitter.getFileSizes	782	0.039 s	0.020 s	
subplot>addAxesToGrid	2	0.037 s	0.011 s	
...>RemoteToLocalFile.createLocalFile	781	0.037 s	0.013 s	

interp1q>linformula	1280	0.035 s	0.035 s	
...rmer>ImageTransformer.needToUpdate	640	0.035 s	0.021 s	
imwarp>validateFillValues	1914	0.034 s	0.034 s	
...lDimensionManager.get.IntrinsicLimits	7656	0.033 s	0.033 s	
useIPPLibrary	3196	0.032 s	0.032 s	
ispc	3541	0.031 s	0.031 s	
...DatastoreImage>@()warning(onState)	781	0.031 s	0.031 s	
...ctory>ResolvedFileSetFactory.build	2	0.030 s	0.002 s	
onCleanup>onCleanup.onCleanup	1348	0.030 s	0.030 s	
isPublishingTest	288	0.030 s	0.030 s	
prefer_const	10210	0.030 s	0.030 s	
...tialDimensionManager.intrinsicToWorld	2552	0.029 s	0.029 s	
cell.unique	4	0.028 s	0.009 s	
...AxesInteractions.queuedAxesOperations	283	0.028 s	0.028 s	
...t;CompressedFileSet.CompressedFileSet	2	0.028 s	0.004 s	
mean>mysize	3833	0.028 s	0.028 s	
validateNotObject	640	0.027 s	0.027 s	
markFigure	142	0.027 s	0.027 s	
inline	13402	0.024 s	0.024 s	
isIRI	783	0.024 s	0.024 s	
cell.strcat	3	0.024 s	0.022 s	
imread>parse_inputs	781	0.024 s	0.024 s	
...Reader.WholeFileCustomReadSplitReader	782	0.023 s	0.015 s	
istabular	5761	0.023 s	0.023 s	
target	3844	0.023 s	0.023 s	
gray	141	0.023 s	0.023 s	
...t;CustomReadDatastore.initFromReadFcn	1	0.021 s	0.001 s	
...RegularStepGradientDescent.set.Scales	639	0.021 s	0.021 s	
cell.intersect	1	0.020 s	0.002 s	
imref2d>imref2d.get.ImageExtentInWorldX	638	0.020 s	0.010 s	
num2str	141	0.020 s	0.008 s	

[...ransformation.GeometricTransformation](#)	3192	0.020 s	0.020 s	
[...t.DsFileSet>DsFileSet.getFileSizes](#)	782	0.019 s	0.012 s	
[...ractions.createAndRegisterTextControl](#)	282	0.019 s	0.007 s	
[...asPlugin>CanvasPlugin.createCanvas](#)	3	0.019 s	0.004 s	
[...ialDimensionManager.get.ExtentInWorld](#)	1276	0.019 s	0.011 s	
[ippl](#)	1282	0.018 s	0.009 s	
[getFigureJavaFrame](#)	141	0.018 s	0.018 s	
[...ressedFileSet.setInitialInternalPaths](#)	1	0.017 s	0.002 s	
[ver>locParseContentsFiles](#)	1	0.017 s	0.007 s	
[imwarp>checkFillValues](#)	1914	0.016 s	0.016 s	
[ImageDatastore.reset](#)	1	0.016 s	0.001 s	
[imref2d>imref2d.get.ImageExtentInWorldY](#)	638	0.016 s	0.008 s	
[cell.intersect>cellintersectlegacy](#)	1	0.016 s	0.003 s	
[...ategorical>categorical.categorical](#)	1	0.016 s	0.007 s	
[imwarp>checkImageAgreementWithTform](#)	1914	0.015 s	0.015 s	
[clearNotify](#)	140	0.015 s	0.015 s	
[...nableFileSetLabels.getLabelUsingIndex](#)	781	0.015 s	0.009 s	
[DsFileSet.DsFileSet>DsFileSet.DsFileSet](#)	1	0.015 s	0.001 s	
[...ubplotListenersManager.addToListeners](#)	2	0.015 s	0.011 s	
[ismissingKernel>arraySwitch](#)	1914	0.014 s	0.014 s	
[fgetl](#)	415	0.014 s	0.014 s	
[CompressedFileSet>iCreateInternalPaths](#)	3	0.014 s	0.009 s	
[cell.unique>celluniqueR2012a](#)	2	0.014 s	0.014 s	
[...LocalFile>RemoteToLocalFile.delete](#)	781	0.013 s	0.007 s	
[ver>locGetContentsListFromPath](#)	1	0.013 s	0.003 s	
[...Datastore>FileBasedDatastore.reset](#)	1	0.013 s	0.000 s	
[imwarp>@(ref)isa(ref,'imref2d')](#)	1914	0.013 s	0.013 s	
[...atastore>SplittableDatastore.reset](#)	1	0.012 s	0.001 s	
[imagesci/private/getFileFromURL](#)	781	0.012 s	0.012 s	
[...actions>TextInteractions.getCanvas](#)	282	0.012 s	0.012 s	
[scalarExpandFillValues](#)	640	0.012 s	0.012 s	

imagesci/private/readtif>process_region	781	0.012 s	0.012 s	
splitapply	1	0.012 s	0.003 s	
int2str	141	0.012 s	0.012 s	
...re>SplittableDatastore.moveToSplit	1	0.011 s	0.001 s	
newplotwrapper	2	0.011 s	0.001 s	
...Datastore>ImageDatastore.get.Files	1	0.011 s	0.000 s	
ImageTransformer>ImageTransformer.update	1	0.011 s	0.002 s	
...ableFileSet.getFilesAsCellStrAndCache	1	0.011 s	0.001 s	
...actionContainer.set.InteractionsArray	144	0.010 s	0.010 s	
interp1	1	0.010 s	0.009 s	
hold	1	0.010 s	0.007 s	
imregconfig	1	0.009 s	0.001 s	
fullfile	2	0.009 s	0.006 s	
newplot>ObserveFigureNextPlot	145	0.009 s	0.009 s	
imregtform>validateInitialTransformation	638	0.009 s	0.009 s	
...r>InteractionContainer.get.Enabled	282	0.009 s	0.009 s	
imwarp>isProblemSizeTooBig	1914	0.009 s	0.009 s	
...former>ImageTransformer.computeMap	1	0.009 s	0.008 s	
checkImageSize	640	0.009 s	0.007 s	
str2double	204	0.008 s	0.008 s	
DsFileSet.DsFileSet>iParseNameValues	1	0.008 s	0.002 s	
SplitReader>SplitReader.SplitReader	782	0.008 s	0.008 s	
UnsupportedInUifigure>@()warning(w)	282	0.008 s	0.008 s	
ver>locParseLineFromFile	6	0.008 s	0.003 s	
...ller>ToolbarController.getInstance	3	0.007 s	0.002 s	
...leSet>ResolvedFileSet.getFileSizes	782	0.007 s	0.007 s	
...in>@(e,d)obj.postUpdateFcn(canvas)	1	0.007 s	0.001 s	
strlength	1284	0.007 s	0.007 s	
imregtform>validatePyramidLevels	638	0.007 s	0.007 s	
...>PostUpdatePlugin.PostUpdatePlugin	3	0.007 s	0.004 s	
graph2d/private/subplot_parseargs	2	0.007 s	0.005 s	

repmat	1	0.007 s	0.006 s	
...re.ImageDatastore>iParseNameValues	1	0.007 s	0.002 s	
graph2d/private/labelcheck	141	0.007 s	0.007 s	
...>AxesInteractionContainer.set.is2d	144	0.006 s	0.006 s	
...gin>PostUpdatePlugin.postUpdateFcn	1	0.006 s	0.004 s	
cell.unique>celluniquelegacy	2	0.006 s	0.005 s	
...t;RemoteToLocalFile.deleteIfLocalCopy	781	0.006 s	0.006 s	
...atastore>ImageDatastore.get.Labels	781	0.006 s	0.006 s	
...t;ToolbarController.ToolbarController	3	0.006 s	0.005 s	
DsFileSet.DsFileSet>iValidateSplitSize	1	0.005 s	0.001 s	
isdatetime	1280	0.005 s	0.005 s	
imagesci/private/readtif>check_info	781	0.005 s	0.005 s	
isCharVector	782	0.005 s	0.005 s	
...t;ImageDatastore.getDefaultExtensions	1	0.005 s	0.001 s	
...sedFileSet>CompressedFileSet.reset	5	0.005 s	0.002 s	
splitapply>localapply	1	0.005 s	0.004 s	
imregtform>parseInputs/checkOptim	638	0.005 s	0.005 s	
convertStringToCharArgs	143	0.005 s	0.005 s	
...@(x)iSplitFullFile(x,originalFileSep)	4	0.005 s	0.001 s	
nullcopy	640	0.004 s	0.004 s	
imregtform>parseInputs/checkMetric	638	0.004 s	0.004 s	
isFigureShowEnabled	147	0.004 s	0.004 s	
...figure>@()lastwarn(lastmsg,lastid)	282	0.004 s	0.004 s	
com.mathworks.hg.peer.HG2FigurePeer (Java method)	141	0.004 s	0.004 s	
istimetable	1280	0.004 s	0.004 s	
isduration	1280	0.004 s	0.004 s	
...ileRoots.set.AlternateFileSystemRoots	2	0.004 s	0.003 s	
imref2d>validateXYPoints	1276	0.004 s	0.004 s	
CompressedFileSet>iSplitFullFile	4	0.003 s	0.003 s	
...tastore>SplittableDatastore.delete	1	0.003 s	0.003 s	

...eFileCustomReadFileSetSplitter.create	1	0.003 s	0.001 s	
...entDescent.RegularStepGradientDescent	1	0.003 s	0.002 s	
splitapply>localsplit	1	0.003 s	0.002 s	
axescheck	1	0.003 s	0.000 s	
...;CustomReadDatastore.set.SplitterName	1	0.003 s	0.001 s	
partialMatchString	4	0.003 s	0.002 s	
...er.WholeFileCustomReadFileSetSplitter	1	0.003 s	0.001 s	
...char(x))&&strcmpi('parent',x)	1	0.003 s	0.002 s	
unique	1	0.003 s	0.001 s	
isCharOrString	425	0.002 s	0.002 s	
cellstr	6	0.002 s	0.002 s	
...otListenersManager>find3emptycells	1	0.002 s	0.002 s	
subplot>datasiblings	2	0.002 s	0.002 s	
...eFileSet>SubsasgnableFileSet.reset	1	0.002 s	0.001 s	
ResolvedFileSet>ResolvedFileSet.reset	5	0.002 s	0.002 s	
PostUpdatePlugin>isAxesToolbarExcluded	1	0.002 s	0.002 s	
...aParametersImpl.checkRadialDistortion	1	0.002 s	0.001 s	
...et>ResolvedFileSet.ResolvedFileSet	2	0.002 s	0.002 s	
fullfile>refinePath	2	0.002 s	0.001 s	
...ner.CartesianAxesInteractionContainer	4	0.002 s	0.001 s	
fullfile>ensureTrailingFilesep	1	0.002 s	0.000 s	
squeeze	2	0.001 s	0.001 s	
imformats	1	0.001 s	0.001 s	
filesep	41	0.001 s	0.001 s	
...omReadFileSetSplitter.updateNumSplits	2	0.001 s	0.001 s	
...plotListenersManager>findemptycell	1	0.001 s	0.001 s	
unique>uniqueR2012a	1	0.001 s	0.001 s	
fullfile>addTrailingFileSep	1	0.001 s	0.001 s	
isConcreteSubclassOf	1	0.001 s	0.001 s	
meshgrid	1	0.001 s	0.001 s	
...stomReadDatastore.CustomReadDatastore	1	0.001 s	0.000 s	

splitapply>getVarRows	5	0.001 s	0.001 s	
...ionContainer.AxesInteractionContainer	4	0.001 s	0.000 s	
...t.DsFileSet>DsFileSet.get.NumFiles	5	0.001 s	0.001 s	
parseArgs	1	0.001 s	0.001 s	
usejava	6	0.001 s	0.001 s	
...et>SubsasgnableFileSet.getNumFiles	1	0.001 s	0.000 s	
cell.unique>localcat	4	0.001 s	0.001 s	
...astore>ImageDatastore.set.ReadSize	1	0.001 s	0.000 s	
...tenersManager.SubplotListenersManager	1	0.001 s	0.001 s	
subplot>isSubplotCandidate	1	0.001 s	0.001 s	
interp1>parseinputs	1	0.001 s	0.001 s	
...atastore>ImageDatastore.getFileSet	3	0.001 s	0.001 s	
splitapply>expandVariables	1	0.001 s	0.000 s	
...DeleteListenersManager.addToListeners	2	0.001 s	0.001 s	
...FileBasedDatastore.FileBasedDatastore	1	0.001 s	0.000 s	
validatePaths	1	0.001 s	0.001 s	
ver>locRemoveUnwantedEntries	1	0.001 s	0.001 s	
...vasPlugin>CanvasPlugin.getInstance	3	0.001 s	0.001 s	
...>ImageTransformer.ImageTransformer	1	0.001 s	0.001 s	
...atastore>ImageDatastore.set.Labels	1	0.001 s	0.000 s	
...ractionContainer.InteractionContainer	4	0.001 s	0.001 s	
ver>locGetMatlabToolboxLocation	4	0.001 s	0.001 s	
pathLookup>isIncludeSubfoldersLogical	1	0.001 s	0.000 s	
...n>localGetCanvasContainingAncestor	1	0.001 s	0.001 s	
...t;CameraParametersImpl.checkImageSize	2	0.001 s	0.001 s	
validateCustomReadFcn	1	0.000 s	0.000 s	
ver>@()fclose(fid)	3	0.000 s	0.000 s	
ver>locCleanDate	1	0.000 s	0.000 s	
...ossPlatformFileRoots.isSetFromLoadObj	4	0.000 s	0.000 s	
ver>locRemoveUnwantedFixPointEntries	1	0.000 s	0.000 s	
...e.ImageDatastore>iValidateReadSize	1	0.000 s	0.000 s	

[...LocalForDsFileSet>@(x){vertcat(x)}](#)	5	0.000 s	0.000 s	
[...gt;CameraParametersImpl.set.ImageSize](#)	1	0.000 s	0.000 s	
[splitapply>@(ii){ii}](#)	5	0.000 s	0.000 s	
[...t;FileBasedSplitter.FileBasedSplitter](#)	1	0.000 s	0.000 s	
[hasDisplay](#)	6	0.000 s	0.000 s	
[interp1>reshapeAndSortXandV](#)	1	0.000 s	0.000 s	
[...Manager.SubplotDeleteListenersManager](#)	2	0.000 s	0.000 s	
[shiftdim](#)	1	0.000 s	0.000 s	
[repmat>checkSizesType](#)	1	0.000 s	0.000 s	
[...e>SplittableDatastore.set.Splitter](#)	1	0.000 s	0.000 s	
[Splitter>Splitter.get.NumSplits](#)	1	0.000 s	0.000 s	
[CompressedFileSet>iFindCorrectFileSep](#)	1	0.000 s	0.000 s	
[validateLogicalOption](#)	1	0.000 s	0.000 s	
[...ParametersImpl.computeUndistortBounds](#)	1	0.000 s	0.000 s	
[...e>ImageDatastore.resetBatchReading](#)	1	0.000 s	0.000 s	
[...littableDatastore.SplittableDatastore](#)	1	0.000 s	0.000 s	
[DsFileSet.DsFileSet>DsFileSet.reset](#)	1	0.000 s	0.000 s	
[fullfile>replaceMultipleFileSeps](#)	1	0.000 s	0.000 s	
[interp1>sanitycheckmethod](#)	1	0.000 s	0.000 s	
[...tformFileRoots.updateFilesFromPathMap](#)	2	0.000 s	0.000 s	
[...leSetLabels.SubsasgnableFileSetLabels](#)	1	0.000 s	0.000 s	
[...GradientDescent.set.MaximumStepLength](#)	1	0.000 s	0.000 s	
[...escent.set.GradientMagnitudeTolerance](#)	1	0.000 s	0.000 s	
[pathsep](#)	1	0.000 s	0.000 s	
[...leSet>DsFileSet.setInternalFileSet](#)	1	0.000 s	0.000 s	
[validateFileExtensions](#)	1	0.000 s	0.000 s	
[...>iValidateAlternateFileSystemRoots](#)	2	0.000 s	0.000 s	
[ver>locInitializeVerStruct](#)	1	0.000 s	0.000 s	
[...gularStepGradientDescent.set.Minimize](#)	1	0.000 s	0.000 s	
[....categorical>categorical.castCodes](#)	1	0.000 s	0.000 s	
[splitapply>emptyGroups](#)	1	0.000 s	0.000 s	

@ImageDatastore/private/isSupportedIRI	1	0.000 s	0.000 s	
isStringScalar	1	0.000 s	0.000 s	
validateNonTableLabels	1	0.000 s	0.000 s	
...pGradientDescent.set.RelaxationFactor	1	0.000 s	0.000 s	
...raParametersImpl.checkIntrinsicMatrix	1	0.000 s	0.000 s	
ResolvedFileSetFactory>iGetFolderNames	1	0.000 s	0.000 s	
...GradientDescent.set.MinimumStepLength	1	0.000 s	0.000 s	
...GradientDescent.set.MaximumIterations	1	0.000 s	0.000 s	
NumelOverride>NumelOverride.numel	1	0.000 s	0.000 s	
interp1>reshapeValuesV	1	0.000 s	0.000 s	
...eBasedDatastore.convertFileSetToFiles	1	0.000 s	0.000 s	
...eraParametersImpl.get.IntrinsicMatrix	1	0.000 s	0.000 s	
validateLogical	2	0.000 s	0.000 s	
categorical.categorical>removeUtil	1	0.000 s	0.000 s	
...tformFileRoots.CrossPlatformFileRoots	2	0.000 s	0.000 s	
...arametersImpl.checkReprojectionErrors	1	0.000 s	0.000 s	
...;CameraParametersImpl.checkWorldUnits	1	0.000 s	0.000 s	
...ametersImpl.checkTangentialDistortion	1	0.000 s	0.000 s	
...CameraParametersImpl.checkWorldPoints	1	0.000 s	0.000 s	
...raParametersImpl.checkNumRadialCoeffs	1	0.000 s	0.000 s	
...raParametersImpl.checkRotationVectors	1	0.000 s	0.000 s	
isNumLogical	1	0.000 s	0.000 s	
...arametersImpl.checkTranslationVectors	1	0.000 s	0.000 s	
Splitter>Splitter.Splitter	1	0.000 s	0.000 s	
...ameraParametersImpl.checkEstimateSkew	1	0.000 s	0.000 s	
...wantedHideable.HandleUnwantedHideable	2	0.000 s	0.000 s	
...forceScalarHandle.EnforceScalarHandle	1	0.000 s	0.000 s	
...mpl.checkEstimateTangentialDistortion	1	0.000 s	0.000 s	
MeanSquares>MeanSquares.MeanSquares	1	0.000 s	0.000 s	
...erride>NumelOverride.NumelOverride	1	0.000 s	0.000 s	
Datastore>Datastore.Datastore	1	0.000 s	0.000 s	

[...bsasgnableFileSet.SubsasgnableFileSet](#)	1	0.000 s	0.000 s	
[...leBasedSupport.HadoopFileBasedSupport](#)	1	0.000 s	0.000 s	
[extrinsic](#)	1	0.000 s	0.000 s	
[Shuffleable>Shuffleable.Shuffleable](#)	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.