Profile Summary (Total time: 2.123 s)

⛔   Can print only one page at a time.

Generated 16-Dec-2025 16:42:08 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (self time / total time)

Function	Calls	Total Time	Self Time	
profilng_test	1	1.864	0.012	
myclassifier	1	1.750	0.006	
Full_FeatureExtraction	1	1.503	0.007	
preprocessCaptcha	1	1.385	0.019	
preprocessCaptcha>estimate_skew_projection	1	1.138	0.035	
imrotate	363	1.101	0.043	
imwarp	361	0.694	0.023	
imwarp>parseInputs	361	0.315	0.076	
imwarp>remapPointsAndResample	361	0.252	0.004	
imwarp>ippWarpAffine	361	0.245	0.073	
…mpactClassificationECOC>CompactClassificationECOC.predict	4	0.241	0.030	
applyGeometricTransformToSpatialRef	361	0.201	0.008	
getExtendedErrorCallback	1	0.196	0.008	
DocPageTopicMap>DocPageTopicMap.topicExists	1	0.172	0.002	
DocPageTopicMap>DocPageTopicMap.singleTopicExists	1	0.171	0.000	
DocPageTopicMap>DocPageTopicMap.getMappingForId	1	0.170	0.002	
DocPageTopicMap>DocPageTopicMap.ensureHelpTargetsPopulated	1	0.165	0.001	
DocPageTopicMap>DocPageTopicMap.retrieveHelpTargets	1	0.161	0.107	
affine2d>affine2d.outputLimits	361	0.141	0.012	
affinetform2d>affinetform2d.affinetform2d	361	0.134	0.006	
CompactClassificationECOC>CompactClassificationECOC.score	4	0.133	0.006	
MatrixTransformation>MatrixTransformation.set.A	361	0.126	0.011	
imwarp>padImage	361	0.121	0.009	
CompactClassificationECOC>localScore	4	0.118	0.013	
imref2d>imref2d.imref2d	1444	0.117	0.022	
affine2d>affine2d.transformPointsForward	361	0.114	0.015	
imref2d>imref2d.recomputeTransforms	2527	0.114	0.037	
imlincomb	723	0.109	0.021	
strel>MakeDiskStrel	3	0.103	0.013	
smartForSliceout	4	0.099	0.007	
padarray	365	0.097	0.011	
CompactClassificationECOC>localScore/loopBody	40	0.092	0.005	
imdilate	3	0.092	0.005	
CompactClassificationSVM>CompactClassificationSVM.predict	40	0.087	0.003	
ClassificationModel>ClassificationModel.predict	40	0.084	0.011	
attributes	722	0.082	0.010	
morphop	2	0.081	0.017	
strel>strel.strel	18	0.080	0.012	
imlincomb>ParseInputs	723	0.080	0.058	
preparseSpatialReferencingObjects	361	0.078	0.011	
preparseSpatialReferencingObjects>validateTform	361	0.068	0.016	
checkTransformationMatrixCondition	361	0.064	0.005	
print	1	0.062	0.006	
extractHOGFeatures	5	0.056	0.003	

Full_FeatureExtraction>hog_from_patch	4	0.056	0.004	
print>LocalCreatePrintJob	1	0.056	0.005	
checkTransformationMatrixCondition>isBadlyConditioned	361	0.053	0.007	
Full_FeatureExtraction>get_featLen	1	0.051	0.001	
CompactClassificationSVM>CompactClassificationSVM.score	40	0.050	0.013	
printing\private\checkArgsForHandleToPrint	1	0.050	0.049	
validatestring	1508	0.049	0.017	
padarray_algo	365	0.047	0.004	
imresize	4	0.046	0.011	
snapWorldLimitsToSatisfyResolution	361	0.045	0.010	
padarray_algo>ConstantPad	365	0.043	0.043	
stringToChar	748	0.042	0.028	
imread	1	0.041	0.011	
decomposition>decomposition.decomposition	361	0.040	0.016	
attributes>checkAttrs	722	0.040	0.014	
strel>MakeLineStrel	2	0.039	0.004	
imwarp>validateTform	361	0.038	0.008	
strel>MakePeriodicLineStrel	4	0.038	0.007	
imref2d>imref2d.get.PixelExtentInWorldX	8303	0.036	0.024	
imwarp>castImageForIPPUse	361	0.034	0.034	
extractHOGFeatures>extractHOGFromImage	5	0.033	0.005	
processParallelAndStreamOptions	4	0.033	0.005	
imwarp>postProcessMethodString	361	0.032	0.021	
mean	2207	0.031	0.020	
prefer_const	5421	0.030	0.030	
imref2d>imref2d.get.PixelExtentInWorldY	8303	0.029	0.017	
imref2d>iValidateWorldLimits	2166	0.028	0.028	
resizeParseInputs	4	0.027	0.009	
CompactSVMImpl>CompactSVMImpl.score	40	0.024	0.011	
imrotate>parse_inputs	363	0.023	0.019	
attributes>checkInputs	722	0.023	0.009	
imgaussfilt	1	0.022	0.003	
extractHOGFeatures>computeWeights	5	0.020	0.001	
padarray>ParseInputs	365	0.020	0.019	
imref2d>imref2d.set.XWorldLimits	361	0.019	0.002	
imref2d>imref2d.set.ImageSize	361	0.019	0.006	
extractHOGFeatures>parseInputs	5	0.019	0.007	
graythresh	1	0.019	0.002	
imwarp>remapPartialParamNamesImwarp	361	0.019	0.007	
validatestring>checkString	1508	0.019	0.019	
findDocCatalogFiles	1	0.019	0.002	
ClassLabel>ClassLabel.ismember	115	0.019	0.007	
mat2gray	1	0.018	0.003	
bwareaopen	2	0.018	0.003	

imref2d>imref2d.set.YWorldLimits	361	0.018	0.002	
regionprops	1	0.017	0.005	
fullfile	6	0.017	0.008	
orientX	44	0.016	0.004	
imwarp>composeTransformation	361	0.016	0.007	
decomposition>chooseDecomposition	361	0.016	0.006	
images\private\morphop_fast	5	0.016	0.011	
affine2d>affine2d.affine2d	362	0.016	0.004	
imread>call_format_specific_reader	1	0.015	0.002	
morphop>ParseInputs	2	0.015	0.009	
strel>strel.getpadsize	2	0.015	0.006	
stringToChar>@(x)convertToChar(x)	2575	0.015	0.008	
imref2d>imref2d.get.ImageSize	22382	0.014	0.014	
parseArgs	48	0.014	0.006	
matlab_im\private\readpng	1	0.013	0.003	
makeStructure	1	0.013	0.013	
ismember	90	0.013	0.003	
generateArgumentDescriptor	722	0.013	0.011	
matricesNearlyEqual	361	0.013	0.012	
validatestring>checkInputs	1508	0.013	0.013	
makeValidName	2	0.012	0.005	
extractParallelAndStreamFields	4	0.012	0.003	
ClassificationModel>ClassificationModel.get.Prior	44	0.012	0.005	
remapPartialParamNames	361	0.012	0.008	
bwconncomp	3	0.012	0.003	
imref2d>imref2d.get.YWorldLimits	15162	0.012	0.012	
imwarp>validateInterpMethod	361	0.012	0.002	
affine2d>affine2d.set.T	362	0.011	0.008	
matlab_im\private\readpngutil	1	0.011	0.006	
fileread	1	0.011	0.008	
imref2d>imref2d.get.XWorldLimits	15162	0.010	0.010	
ismember>ismemberR2012a	90	0.010	0.004	
extractHOGFeatures>gaussianWeights	5	0.010	0.004	
…r,A,'scalar',fname,'expectedScalar',msgId,argname,argpos)	722	0.010	0.007	
imerode	1	0.010	0.001	
DenseLU>DenseLU.DenseLU	361	0.010	0.010	
loss	4	0.010	0.002	
var	361	0.010	0.007	
affinetform2d>affinetform2d.constrainA	361	0.009	0.003	
statget	12	0.009	0.002	
attributes>checkClass	722	0.009	0.009	
MatrixTransformation>MatrixTransformation.get.A	361	0.009	0.003	
sub2ind	7	0.009	0.009	
strel>ParseInputs	9	0.009	0.007	

Function	Calls	Total Time	Self Time	
extractHOGFeatures>spatialHistWeights	5	0.009	0.006	
tempname	4	0.009	0.002	
predict	40	0.009	0.009	
…'nonempty',fname,'expectedNonempty',msgId,argname,argpos)	722	0.008	0.003	
getLocalizedFileList	1	0.008	0.005	
DocPageTopicMap>DocPageTopicMap.DocPageTopicMap	1	0.008	0.004	
strel>strel.getneighbors	6	0.008	0.006	
attributes>valueAttributor	1444	0.008	0.007	
imhist	1	0.008	0.003	
attributes>findSupportedAttr	1444	0.008	0.008	
…ECOC>@(M,f)mean(max(0,1-M.*f,'includenan'),2,'omitnan')/2	40	0.008	0.001	
parseArgs	48	0.008	0.006	
otsuthresh	1	0.008	0.003	
ClassificationModel>ClassificationModel.get.Cost	44	0.007	0.007	
getDocAnchorForErrorID	1	0.007	0.007	
imref2d>imref2d.get.YIntrinsicLimits	2527	0.007	0.006	
makeValidName>@(n)makeValid(n,@replaceWithUnderscore)	1	0.007	0.000	
…ocessParallelAndStreamOptions>parforValidateStreamOptions	4	0.007	0.001	
getParamVal	12	0.007	0.002	
preprocessCaptcha>find_second_pair_on_line	1	0.007	0.003	
meshgrid	370	0.007	0.007	
makeValidName>getMakeValidFcnHandle/makeValid	1	0.007	0.004	
preprocessCaptcha>find_first_symmetric_pair	1	0.007	0.003	
bwareaopen>parse_inputs	2	0.007	0.002	
decomposition>decomposition.set.CheckCondition	361	0.006	0.004	
strcat	2	0.006	0.006	
imgaussfilt>parseInputs	1	0.006	0.004	
imref2d>imref2d.get.XIntrinsicLimits	2527	0.006	0.005	
firstNonSingletonDim	2528	0.006	0.006	
imgaussfilt>spatialGaussianFilter	1	0.006	0.001	
ismember>ismemberBuiltinTypes	90	0.006	0.006	
affinetform2d>constrainA_alg	361	0.006	0.006	
resizeParseInputs>findMethodArg	4	0.006	0.003	
morphop>useIPP	6	0.006	0.006	
stringToChar>convertToChar	2575	0.006	0.006	
extractHOGFeatures>hogGradient	5	0.006	0.001	
images\private\bwconncomp_2d	3	0.006	0.002	
resolveUseParallel	4	0.006	0.001	
decomposition>decomposition.isIllConditioned	361	0.006	0.004	
fspecial	5	0.006	0.003	
extractHOGFeatures>validate	5	0.006	0.002	
unique	4	0.006	0.004	
statset	4	0.005	0.005	
ClassificationModel>ClassificationModel.maxScore	44	0.005	0.005	

fileparts	1	0.005	0.003	
imgaussfilt>chooseFilterImplementation	1	0.005	0.001	
affinetform2d>affinetform2d.setUnderlyingParameters	361	0.005	0.004	
affinetform2d>affinetform2d.constructA	361	0.005	0.004	
getParamVal	12	0.005	0.004	
resolveUseParallel>iResolveUseParallel	4	0.005	0.003	
resizeParseInputs>fixupSizeAndScale	4	0.005	0.003	
imbinarize	1	0.005	0.001	
extractHOGFeatures>computeGradient	5	0.005	0.005	
regionprops>createOutputStatsStructure	1	0.004	0.002	
inline	5778	0.004	0.004	
resizeParseInputs>parsePreMethodArgs	4	0.004	0.003	
imrotate>useIPP	362	0.004	0.002	
isAffine	361	0.004	0.004	
useIPPLibrary	730	0.004	0.004	
contributions	8	0.004	0.004	
errorIf	1100	0.004	0.004	
makeClassificationModelAdapter	44	0.004	0.002	
remapPartialParamNames>my_strmatch	1083	0.004	0.004	
imread>get_full_filename	1	0.004	0.004	
MatrixTransformation>checkA	361	0.004	0.003	
HelpSystemCache>HelpSystemCache.HelpSystemCache	1	0.004	0.000	
images\private\labelBinaryRuns	3	0.004	0.004	
isGpuEnabled	1	0.003	0.001	
regionprops>ParseInputs	1	0.003	0.001	
resizeParseInputs>isMethodString	4	0.003	0.002	
cell.ismember	7	0.003	0.003	
mean>mysize	2207	0.003	0.003	
ifft2	1	0.003	0.003	
HelpSystemCache>HelpSystemCache.reset	1	0.003	0.003	
createGaussianKernel	1	0.003	0.003	
conndef	2	0.003	0.001	
ind2sub	7	0.003	0.003	
ClassificationModel>ClassificationModel.get.ScoreType	4	0.003	0.002	
repmat	1	0.003	0.001	
target	808	0.003	0.003	
HelpSystemCache>HelpSystemCache.get.Data	2	0.003	0.001	
imgaussfilt>useIPPL	1	0.003	0.001	
Predictor>Predictor.getvrange	4	0.003	0.002	
imrotate>stringmatch	726	0.003	0.003	
strel>strel.decompose	4	0.003	0.003	
imhist>parse_inputs	1	0.003	0.003	
DenseLU>DenseLU.rcond	361	0.003	0.003	
prepareForPredictECOC	4	0.003	0.002	

ClassLabel>ClassLabel.eq	26	0.003	0.002	
mean>parseFlag	40	0.003	0.001	
extractHOGFeatures>computeLowerHistBin	10	0.003	0.003	
bwconncomp>parseInputs	3	0.002	0.002	
extractHOGFeatures>checkSize	10	0.002	0.002	
fspecial>ParseInputs	5	0.002	0.002	
ClassificationModel>ClassificationModel.get.ClassNames	44	0.002	0.002	
dominantType	44	0.002	0.002	
rgb2gray	1	0.002	0.001	
imwarp>validateInputImage	361	0.002	0.002	
intline	2	0.002	0.002	
iptcheckconn	5	0.002	0.002	
morphop>ProcessOptionalArgs	2	0.002	0.001	
errorIfgpuArray	9	0.002	0.002	
repmat	1	0.002	0.001	
iscategorical	1105	0.002	0.002	
im2double	1	0.002	0.002	
regionprops>getPropsFromInput	1	0.002	0.002	
bwunpack	1	0.002	0.002	
fileparts>legacyPCExecution	1	0.002	0.002	
DocPageTopicMap>DocPageTopicMap.findMappingInHelpTargets	1	0.002	0.001	
imlincomb>imagePlusImage	723	0.002	0.002	
makeClassificationModelAdapter>@(x)istall(x)	44	0.002	0.002	
generateArgumentDescriptor>isCharOrString	2166	0.002	0.002	
fullfile>ensureTrailingFilesep	6	0.002	0.001	
mustBeNonzeroLengthText	1	0.002	0.001	
extractHOGFeatures>extractHOG	5	0.002	0.002	
matlab_im\private\getFileFromURL	1	0.002	0.002	
settings	3	0.002	0.001	
validateUseParallelOption	4	0.002	0.002	
unique>uniqueR2012a	4	0.002	0.002	
imfilter	1	0.002	0.001	
imbinarize>parseInputs	1	0.002	0.001	
extractHOGFeatures>setParams	5	0.002	0.002	
extractHOGFeatures>validateImage	5	0.002	0.002	
decomposition>parseInputs	361	0.002	0.002	
Predictor>Predictor.get.TableInput	48	0.002	0.002	
imlincomb>image1MinusImage2	723	0.002	0.002	
imclose	1	0.002	0.001	
fft2	1	0.002	0.002	
regionprops>ComputePixelIdxList	1	0.002	0.001	
getDocLanguageLocale	1	0.002	0.001	
imwarp>validateSmoothEdges	361	0.002	0.002	
imlincomb>imagePlusScalar	723	0.002	0.002	

HelpSystemCache>HelpSystemCache.validate	3	0.002	0.001	
imlincomb>image2MinusImage1	723	0.002	0.002	
extractHOGFeatures>crossValidateParams	5	0.002	0.002	
morphop>useOCV	2	0.002	0.002	
imgaussfilt>validateSigma	1	0.002	0.002	
decomposition>decomposition.rcond	361	0.001	0.001	
preprocessImage	4	0.001	0.001	
regionprops>InitializeStatStructures	1	0.001	0.001	
bwpack	1	0.001	0.001	
ClassificationModel>ClassificationModel.getScoreType	4	0.001	0.001	
const	1	0.001	0.001	
matlab_im\private\cachedFormat	2	0.001	0.001	
getrangefromclass	2	0.001	0.001	
num2cell	44	0.001	0.001	
ifftshift	1	0.001	0.001	
imbinarize>binarize	1	0.001	0.001	
resizeParseInputs>getMethodInfo	8	0.001	0.001	
ClassLabel>ClassLabel.numel	310	0.001	0.001	
checkInputName	40	0.001	0.001	
isfxpt	40	0.001	0.001	
imwarp>checkOutputViewAgreementWithTform	361	0.001	0.001	
Predictor>Predictor.get.ObservationsInRows	92	0.001	0.001	
resizeParseInputs>parseMethodArg	4	0.001	0.001	
HelpSystemCache>HelpSystemCache.isCurrent	3	0.001	0.001	
makeValidName>getMakeValidFcnHandle/replaceWithUnderscore	1	0.001	0.001	
extractHOGFeatures>getAutoBlockOverlap	5	0.001	0.001	
Predictor>Predictor.getNumberPredictors	44	0.001	0.001	
im2uint8	1	0.001	0.001	
ClassLabel>ClassLabel.length	88	0.001	0.001	
cellstr	12	0.001	0.001	
errorIfNotFixedSize	25	0.001	0.001	
checkFillValues	361	0.001	0.001	
checkSupportedNumeric	40	0.001	0.001	
attributes>@(x)~isempty(x)	722	0.001	0.001	
imwarp>isProblemSizeTooBig	361	0.001	0.001	
linspace	2	0.001	0.001	
imrotate>checkStringValidity	726	0.001	0.001	
validators\private\istext	1	0.001	0.001	
iskeyword	459	0.001	0.001	
rgb2gray>parse_inputs	1	0.001	0.001	
findFirstParamString	4	0.001	0.001	
checkImageAgreementWithTform	361	0.001	0.001	
imread>parse_inputs	1	0.001	0.001	
getSettingsRoot	4	0.001	0.001	

images\private\isImageIPPFilterType	1	0.001	0.001	
resizeParseInputs>scaleOrSize	4	0.001	0.001	
var>mysize	361	0.001	0.001	
printing\private\isfigure	2	0.001	0.001	
strel>strel.getheight	6	0.001	0.001	
settings	3	0.001	0.001	
ClassLabel>ClassLabel.labels	44	0.001	0.001	
fftshift	1	0.001	0.001	
Predictor>Predictor.get.CategoricalPredictors	40	0.001	0.001	
imgaussfilt>useSeparableFiltering	1	0.001	0.001	
countnan	40	0.001	0.001	
imwarp>manageFillValue	361	0.001	0.001	
strel>strel.isflat	9	0.001	0.001	
strel>strel.getnhood	12	0.001	0.001	
deriveScaleFromSize	4	0.001	0.001	
HelpSystemCache>HelpSystemCache.set.Data	1	0.001	0.001	
warningIf	361	0.001	0.001	
repmat>checkSizesType	1	0.001	0.001	
+coder\private\callOtherFunctionImpl	1	0.001	0.001	
regionprops>ComputeArea	1	0.001	0.001	
extractHOGFeatures>isSimMode	15	0.001	0.000	
fullfile>refinePath	6	0.001	0.001	
resizeParseInputs>fixupSize	4	0.001	0.001	
makeValidName>getMakeValidFcnHandle	1	0.001	0.001	
Full_FeatureExtraction>trimBinary	8	0.001	0.001	
imwarp>@(ref)isa(ref,'imref2d')||isa(ref,'imref3d')	361	0.001	0.001	
strel>strel.get.Neighborhood	6	0.001	0.001	
extractHOGFeatures>checkNumBins	5	0.001	0.000	
deal	1	0.001	0.001	
morphop>getPadValue	2	0.001	0.001	
convertStringToCharArgs	1	0.001	0.001	
strelcheck	2	0.001	0.001	
checkForMissingOutputArgument	4	0.001	0.000	
Full_FeatureExtraction>default_feat_params	1	0.001	0.001	
extractHOGFeatures>checkUsedSigned	5	0.001	0.000	
fullfile>addTrailingFileSep	6	0.001	0.001	
postprocessImage	4	0.001	0.001	
images\private\chooseFilterDomain	1	0.001	0.001	
extractHOGFeatures>getInputParser	5	0.001	0.001	
numPredictorsCheck	44	0.001	0.001	
DocLanguage>DocLanguage.fromLanguageStr	1	0.001	0.001	
ClassLabel>ClassLabel.isempty	26	0.000	0.000	
images\private\morphop_fast>getMinMax	2	0.000	0.000	
resizeAllDimUsingNearestNeighbor	4	0.000	0.000	

DocPageTopicMap>DocPageTopicMap.isValidGroup	1	0.000	0.000
imgaussfilt>computeFilterSizeFromSigma	1	0.000	0.000
isPureNearestNeighborComputation	8	0.000	0.000
imrotate>getOutputBound	1	0.000	0.000
mustBeTextScalar	2	0.000	0.000
isfxpt>isBuiltInNumericML	40	0.000	0.000
imrotate>isProblemSizeTooBig	1	0.000	0.000
resizeParseInputs>warnIfPostMethodArgs	4	0.000	0.000
images\private\checkCC	1	0.000	0.000
extractHOGFeatures>checkOverlap	5	0.000	0.000
isScalarText	4	0.000	0.000
missing>missing.missing	2	0.000	0.000
imbinarize>validateT	1	0.000	0.000
unpackRNGscheme	4	0.000	0.000
images\private\isImageTooBigForIPPFilter	1	0.000	0.000
istall	44	0.000	0.000
blanks	2	0.000	0.000
resizeParseInputs>parseParamValuePairs	4	0.000	0.000
imbinarize>validateImage	1	0.000	0.000
box	8	0.000	0.000
istable	88	0.000	0.000
CompactClassificationECOC>@(z)size(z,3)	40	0.000	0.000
mean>isInvalidText	40	0.000	0.000
dimensionOrder	4	0.000	0.000
isInputIndexed	12	0.000	0.000
flipud	2	0.000	0.000
identity	40	0.000	0.000
images\private\getSeparableFilterThreshold	1	0.000	0.000
getrangefromclass>iGetClass	1	0.000	0.000
validators\private\isCharRowVector	3	0.000	0.000
CompactClassificationECOC>@(x)x	4	0.000	0.000