Profile Summary

Generated 12-Jun-2020 20:36:20 using performance time.

Function Name	Calls	Total Time	Self Time*
main_obj_comparison	1	12172.121 s	0.057 s
optimization_M_one_against_one_BCD	10	12171.752 s	0.002 s
...n_M_one_against_one_binary_R_Block_CD	10	12171.749 s	0.025 s
...cation_main_workflow_PDcone_partial_y	10	12171.718 s	9.003 s
optimization_M_PDcone_y	3893	12153.032 s	10768.018 s
optimization_M_set_gradient_PD	3893	1385.014 s	1385.014 s
optimization_M_set_L_Mahalanobis	3903	9.041 s	9.041 s
optimization_M_initialization	10	0.627 s	0.627 s
open	6	0.502 s	0.005 s
general\private\openm	6	0.473 s	0.001 s
edit	6	0.473 s	0.002 s
edit>openWithFileSystem	12	0.458 s	0.001 s
edit>openEditor	6	0.453 s	0.002 s
Document.Document>Document.openEditor	6	0.444 s	0.000 s
Document.Document>openEditorViaFunction	6	0.443 s	0.002 s
...singOpenFileInAppropriateEditor(file)	6	0.439 s	0.000 s
...;openUsingOpenFileInAppropriateEditor	6	0.439 s	0.439 s
addpath	8	0.329 s	0.008 s
path	8	0.319 s	0.248 s
uiopen	3	0.305 s	0.003 s
importdata	1	0.098 s	0.006 s
importdata>LocalTextRead	1	0.083 s	0.002 s

Total Time Plot (dark band = self time)
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getFileInfoForToolstrip	6	0.080 s	0.004 s
importdata>parse	1	0.066 s	0.003 s
general\private\parsedirs	16	0.065 s	0.064 s
getFunctionFileInfoForToolstrip	6	0.053 s	0.003 s
importdata>analyze	1	0.041 s	0.002 s
...rvice>SuiteCreationService.fulfill	6	0.040 s	0.001 s
importdata>isvaliddata	1	0.039 s	0.002 s
...sisSuiteCreationService.selectFactory	6	0.038 s	0.002 s
importdata>maxNotData	1	0.035 s	0.004 s
mtree.mtree>mtree.mtree	12	0.034 s	0.026 s
importdata>isdata	2002	0.031 s	0.031 s
...onService.selectFactoryUsingParseTree	6	0.029 s	0.000 s
isFunctionBasedTest	6	0.028 s	0.007 s
getAll	6	0.026 s	0.002 s
getSystemObjectInfo	6	0.024 s	0.001 s
getSystemObjectInfo	6	0.023 s	0.001 s
isSystemObjectFile	6	0.023 s	0.001 s
crossvalind	1	0.020 s	0.005 s
importdata>readData	1	0.020 s	0.013 s
isSystemObjectCode	6	0.020 s	0.000 s
isSystemObjectCode>pIsSystemObjectCode	6	0.020 s	0.001 s
finfo	7	0.018 s	0.013 s
loadLinkSet	6	0.017 s	0.004 s
mtree.mtfind	12	0.015 s	0.003 s
ParseTreeUtils>ParseTreeUtils.getTree	6	0.014 s	0.001 s
grp2idx	1	0.013 s	0.001 s
num2str	84	0.012 s	0.005 s
rng	3	0.012 s	0.002 s
mtree.restrict	12	0.012 s	0.007 s

grp2idx	1	0.012 s	0.002 s
edit>openInPrivateOfCallingFile	6	0.011 s	0.002 s
open>whichWrapper	9	0.011 s	0.011 s
workspacefunc	8	0.011 s	0.004 s
getLinkFilePath	6	0.009 s	0.002 s
...tion_M_one_against_one_voting_1_and_2	10	0.009 s	0.005 s
fullfile	15	0.008 s	0.005 s
close	1	0.008 s	0.003 s
...Mapper>StorageMapper.getStorageFor	9	0.008 s	0.001 s
fileparts	117	0.007 s	0.007 s
canLink	6	0.007 s	0.002 s
importdata>fixLineEndings	2	0.007 s	0.007 s
collectOutput	1	0.007 s	0.001 s
unique	1	0.007 s	0.004 s
std	30	0.007 s	0.001 s
strcat	8	0.006 s	0.006 s
...t:StorageMapper.getDefaultStorageName	9	0.006 s	0.004 s
...n.get.ParentNameMeetsNamingConvention	6	0.006 s	0.002 s
mean	32	0.006 s	0.005 s
fileread	7	0.006 s	0.006 s
num2str>handleNumericPrecision	42	0.006 s	0.001 s
visibleInToolstrip	3	0.005 s	0.001 s
var	30	0.005 s	0.004 s
mtree.pathit	12	0.005 s	0.003 s
...m.RandStream>RandStream.RandStream	3	0.005 s	0.003 s
num2str>convertUsingRecycledSprintf	42	0.005 s	0.005 s
...>SuiteCreationLiaison.fromFilename	6	0.005 s	0.001 s
getCode	6	0.004 s	0.002 s
isSupportedFile	6	0.004 s	0.003 s

rng>getCurrentType	3	0.004 s	0.001 s
close>safegetchildren	1	0.004 s	0.001 s
edit>resolveWithFileSystem	12	0.004 s	0.000 s
...n>SuiteCreationLiaison.get.Factory	6	0.004 s	0.003 s
hasReqDataFile	3	0.003 s	0.003 s
...ization_M_one_against_one_voted_label	10	0.003 s	0.003 s
edit>resolveWithDir	12	0.003 s	0.002 s
grp2idx>toString	1	0.003 s	0.002 s
strtok	13	0.003 s	0.001 s
allchild	1	0.003 s	0.002 s
iofun\private\guessdelim	1	0.003 s	0.003 s
collectOutput>getTypesLengths	1	0.003 s	0.003 s
optimization_M_cy	10	0.003 s	0.003 s
edit>hasFileTypeEditor	6	0.003 s	0.000 s
strmatch	1	0.003 s	0.003 s
edit>isUsingBuiltinEditor	6	0.003 s	0.002 s
collectOutput>mergeColumns	1	0.002 s	0.002 s
ops\private\uniquelegacy	1	0.002 s	0.002 s
fullfile>refinePath	15	0.002 s	0.001 s
mfile	6	0.002 s	0.000 s
...RandStream>localGetSetGlobalStream	6	0.002 s	0.002 s
now	8	0.002 s	0.001 s
onCleanup>onCleanup.delete	16	0.002 s	0.001 s
edit>getFileTypeEditor	6	0.002 s	0.000 s
@mtree\private\collect_qualifiers	12	0.002 s	0.002 s
int2str	42	0.002 s	0.002 s
RandStream.RandStream>RandStream.subsref	3	0.002 s	0.002 s
mtree.wholetree	12	0.002 s	0.002 s
mtree.Left	2	0.002 s	0.002 s

importdata>TrimTrailing	1	0.002 s	0.001 s
mtree.Outs	6	0.002 s	0.002 s
...dStream>RandStream.setGlobalStream	3	0.002 s	0.000 s
strtok>doStrtok	13	0.002 s	0.002 s
getActionForFileType	6	0.002 s	0.002 s
mtree.Parent	9	0.002 s	0.002 s
general\private\catdirs	8	0.002 s	0.001 s
datenum	8	0.002 s	0.002 s
...eCreationLiaison.SuiteCreationLiaison	6	0.002 s	0.001 s
mtree.iskind	28	0.002 s	0.002 s
SuiteCreationLiaison>isUninitialized	48	0.002 s	0.001 s
open>isFile	12	0.002 s	0.002 s
mtree.mtree>validateInput	12	0.002 s	0.002 s
rmfield	1	0.002 s	0.002 s
workspacefunc>getCleanupHandler	8	0.002 s	0.001 s
mtree.Right	5	0.001 s	0.001 s
getParentNameFromFilename	6	0.001 s	0.001 s
edit>openWithFileSystemAndExts	6	0.001 s	0.000 s
...eCreationLiaison.get.SimpleParentName	12	0.001 s	0.001 s
importdata>split	1	0.001 s	0.001 s
fullfile>ensureTrailingFilesep	15	0.001 s	0.001 s
RandStream.RandStream>getargs	3	0.001 s	0.001 s
onCleanup>onCleanup.onCleanup	16	0.001 s	0.001 s
...tion_M_one_against_one_binary_results	10	0.001 s	0.001 s
edit>openOperator	6	0.001 s	0.000 s
finfo>getExtension	7	0.001 s	0.001 s
...ce>NamingConventionService.fulfill	6	0.001 s	0.001 s
...dStream>RandStream.getGlobalStream	3	0.001 s	0.000 s
Document.Document>Document.Document	6	0.001 s	0.001 s

workspacefunc>getWhosInformation	8	0.001 s	0.001 s
...tionSuiteCreationService.getParseTree	6	0.001 s	0.000 s
fullfile>fixIRI	15	0.001 s	0.001 s
absolute_path	6	0.001 s	0.000 s
mean>mysize	32	0.001 s	0.001 s
...AllowsAnythingNamingConventionService	6	0.001 s	0.000 s
edit>resolveWithFileSystemAndExts	6	0.001 s	0.000 s
close	4	0.001 s	0.001 s
cell.ismember	6	0.001 s	0.001 s
...pace.MatlabWorkspaceListener.swl(swl)	8	0.001 s	0.001 s
optimization_M_oao_vae	10	0.001 s	0.001 s
mtree.select	9	0.001 s	0.001 s
edit>checkEndsWithBadExtension	6	0.001 s	0.001 s
ReqData.exists	10	0.001 s	0.000 s
...eationLiaison.get.UsingDefaultFactory	12	0.001 s	0.000 s
optimization_M_confusion_matrix_setting	10	0.001 s	0.001 s
edit>isAbsolutePath	6	0.001 s	0.001 s
intmax	2	0.001 s	0.001 s
ispc	132	0.001 s	0.001 s
MainManager.exists	6	0.001 s	0.000 s
...tory>NonTestFactory.NonTestFactory	6	0.001 s	0.001 s
Document.Document>isAbsolutePath	6	0.001 s	0.001 s
edit>resolveOperator	6	0.001 s	0.001 s
isSidString	25	0.001 s	0.001 s
fullfile>addTrailingFileSep	15	0.001 s	0.001 s
mtree.string	2	0.001 s	0.001 s
edit>checkJavaAvailable	6	0.001 s	0.000 s
...er.StorageMapper>StorageMapper.get	9	0.001 s	0.001 s
...geMapper>StorageMapper.getInstance	9	0.001 s	0.001 s

mtree.root	12	0.001 s	0.001 s
...nLiaison.get.NamingConventionServices	6	0.001 s	0.000 s
xlsreadSupportedExtensions	9	0.001 s	0.001 s
...gt;SuiteCreationLiaison.get.ParseTree	6	0.001 s	0.000 s
...>SuiteCreationLiaison.get.Filename	6	0.001 s	0.000 s
intmin	1	0.001 s	0.001 s
var>mysize	30	0.001 s	0.001 s
...eeUtils>ParseTreeUtils.isTreeError	6	0.001 s	0.000 s
importdata>getLines	2	0.001 s	0.001 s
isCompletePath	6	0.001 s	0.001 s
ReqData.getInstance	10	0.001 s	0.001 s
edit>translateUserHomeDirectory	6	0.001 s	0.000 s
RandStream.RandStream>RandStream.algName	3	0.001 s	0.001 s
importdata>LocalRowColShuffle	1	0.001 s	0.001 s
settings	6	0.001 s	0.001 s
...entionService.NamingConventionService	6	0.001 s	0.000 s
edit>strtrim	6	0.001 s	0.001 s
MainManager.getInstance	6	0.001 s	0.001 s
edit>isSimpleFile	6	0.001 s	0.001 s
isInstalled	3	0.001 s	0.001 s
edit>isMLX	6	0.001 s	0.000 s
edit>hasExtension	6	0.001 s	0.000 s
@mt...vate\collect_qualifiers>is_qual	12	0.001 s	0.001 s
blanks	8	0.001 s	0.001 s
getSuiteCreationServicesForToolstrip	6	0.001 s	0.001 s
close>getEmptyHandleList	1	0.001 s	0.001 s
filesep	34	0.000 s	0.000 s
Document.Document>fileNameToJavaFile	12	0.000 s	0.000 s
usejava	7	0.000 s	0.000 s

fliplr	6	0.000 s	0.000 s
importdata>@(x)(isnan(x))	2	0.000 s	0.000 s
pathsep	24	0.000 s	0.000 s
getSimpleParentName	6	0.000 s	0.000 s
...nLiaison.set.NamingConventionServices	6	0.000 s	0.000 s
isunix	18	0.000 s	0.000 s
finfo>@()warning(avWarnState)	7	0.000 s	0.000 s
path>isValidInput	16	0.000 s	0.000 s
...set(rootobj,'ShowHiddenHandles',Temp)	1	0.000 s	0.000 s
cellstr	6	0.000 s	0.000 s
allchild>getchildren	1	0.000 s	0.000 s
isOperator	6	0.000 s	0.000 s
close>request_close	1	0.000 s	0.000 s
mtree.indices	6	0.000 s	0.000 s
...entionLiaison.NamingConventionLiaison	6	0.000 s	0.000 s
uitools\private\allchildRootHelper	1	0.000 s	0.000 s
mtree.isempty	12	0.000 s	0.000 s
close>checkfigs	1	0.000 s	0.000 s
optimization_M_net_error	1	0.000 s	0.000 s
RandStream.RandStream>RandStream.delete	3	0.000 s	0.000 s
mtree.isnull	12	0.000 s	0.000 s
mtree.count	6	0.000 s	0.000 s
SuiteCreationLiaison>UNINITIALIZED	48	0.000 s	0.000 s
...mingConventionService.meetsConvention	6	0.000 s	0.000 s
optimization_M_oao_oaa_error	10	0.000 s	0.000 s
...>TestSuiteFactory.TestSuiteFactory	6	0.000 s	0.000 s
stringToLegacyText	8	0.000 s	0.000 s
Service>Service.Service	6	0.000 s	0.000 s
isdatetime	1	0.000 s	0.000 s

isduration	1	0.000 s	0.000 s
...gt;StorageMapper.getLinkfileExtension	3	0.000 s	0.000 s
java.io.File (Java method)	12	0.000 s	0.000 s
java.util.ArrayList (Java method)	6	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.

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