

Profile Summary (Total time: 0.553 s)

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Function Name	Calls	Total Time (s) ↴	Self Time* (s)	Total Time Plot (self time / total time)
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Run_Hardware_Metrics	1	0.553	0.034	
..Hardware_Metrics>@(infile,outfile)specsub(infile,outfile)	1	0.294	0.002	
specsub	1	0.292	0.042	
audioread	2	0.188	0.010	
..re_Metrics>@(infile,outfile)mband(infile,outfile,6,'mel')	1	0.171	0.004	
mband	1	0.167	0.064	
audioread>readaudio	2	0.166	0.029	
audiowrite	2	0.090	0.018	
Channel>Channel.Channel	4	0.055	0.027	
tabular.braceAssign	2	0.032	0.005	
absolutePathForReading	2	0.024	0.009	
tabular.tabular>tabular.subs2inds	6	0.023	0.006	
hamming	1	0.021	0.003	
clearvars	2	0.020	0.008	
audiowrite>validateFilename	2	0.019	0.002	
mband>noiseupd	1	0.018	0.014	
InputStream>InputStream.read	2	0.017	0.011	
signal\private\gencoswin	1	0.015	0.005	
FilePath>FilePath.FilePath	8	0.014	0.004	
tabular.oneLevelParenAssign	2	0.014	0.004	
audioread@(.)delete(durationListener)	2	0.013	0.002	
Channel>Channel.open	4	0.012	0.006	
Channel>Channel.delete	4	0.012	0.007	
varNamesDim>varNamesDim.subs2inds	4	0.012	0.004	
..ularDimension.tabularDimension>tabularDimension.subs2inds	6	0.012	0.009	
hanning	1	0.011	0.004	
audiowrite>fileDataTypeFromBitsPerSample	2	0.011	0.004	
Stream>Stream.Stream	8	0.010	0.009	
InputStream>InputStream.InputStream	4	0.010	0.003	
mband>frame	1	0.009	0.007	
audioread>validateDataType	2	0.009	0.003	
audiowrite>parseInputs	2	0.009	0.007	
OutputStream>OutputStream.write	2	0.009	0.005	
clearvars>createPattern	4	0.008	0.003	
audioread@(.)channel.close()	2	0.008	0.002	
FilePath>FilePath.set.Extension	8	0.008	0.003	
Channel>Channel.postInit	4	0.007	0.005	
FilePath>FilePath.get.Absolute	8	0.007	0.004	
validatecstring	3	0.007	0.004	
fileparts	12	0.007	0.003	
FilePath>FilePath.get.Exists	16	0.007	0.007	
FilePath>FilePath.get.Writeable	2	0.007	0.005	
Channel>Channel.close	4	0.007	0.004	
ismember	2	0.007	0.002	

PluginManager>PluginManager.getPluginForRead	2	0.006	0.002	
angle	356	0.006	0.006	
hanning>sym_hanning	1	0.006	0.002	
OutputStream>OutputStream.OutputStream	4	0.006	0.001	
erase	8	0.005	0.003	
RemoteToLocal>RemoteToLocal.RemoteToLocal	2	0.005	0.005	
strjoin	2	0.005	0.004	
audiowrite>validateProperty	6	0.005	0.003	
isGpuEnabled	1	0.005	0.002	
signal\private\gencoswin>sym_window	1	0.004	0.002	
mband>berouti	1	0.004	0.004	
clearvars>parseArgs	2	0.004	0.004	
ismember>ismemberR2012a	2	0.004	0.002	
mean	351	0.004	0.003	
Channel>Channel.preOpen	4	0.004	0.004	
fileparts>legacyPCExecution	12	0.004	0.004	
WeakReference>WeakReference.WeakReference	12	0.004	0.004	
PluginManager>PluginManager.errorIfUnsupportedFile	2	0.003	0.003	
signal\private\iseven	2	0.003	0.001	
const	1	0.003	0.002	
Stream>Stream.addFilter	4	0.003	0.003	
...ProtectionFSM>ReentryProtectionFSM.setupReentryProtection	4	0.003	0.003	
Channel>Channel.postClose	4	0.003	0.003	
tabular.size	4	0.003	0.003	
cell.ismember	6	0.002	0.002	
validatestring>checkString	3	0.002	0.002	
Channel>Channel.preTerm	4	0.002	0.002	
iseven	2	0.002	0.002	
target	2	0.002	0.002	
audiowrite>clipInputData	2	0.002	0.002	
...abularDimension>tabularDimension.validateNativeSubscripts	4	0.002	0.002	
ismember>ismemberBuiltInTypes	2	0.002	0.002	
RemoteToLocal>RemoteToLocal.delete	2	0.002	0.001	
InputStream>InputStream.readPackets	2	0.002	0.002	
Channel>Channel.isOpen	12	0.002	0.002	
Stream>Stream.splitPacket	2	0.002	0.001	
audiowrite>filterOutputDataTypeFromFile	2	0.002	0.001	
audioread>validateRange	2	0.002	0.001	
OutputStream>OutputStream.writePackets	2	0.002	0.002	
mband>scale_mtx	1	0.002	0.002	
audiowrite>validateExtension	2	0.002	0.001	
FilePath>FilePath.get.Readable	2	0.002	0.002	
Stream>Stream.isSupported	8	0.002	0.002	
signal\private\gencoswin>calc_window	1	0.002	0.002	

mband>mel	1	0.002	0.002	
Stream>Stream.delete	8	0.002	0.002	
flipud	350	0.001	0.001	
strfun\private\convertStringToOriginalTextType	8	0.001	0.001	
nextpow2	1	0.001	0.001	
Channel>Channel.lock	4	0.001	0.001	
+coder\private\callOtherFunctionImpl	1	0.001	0.001	
specsub>berouti	349	0.001	0.001	
InputStream>InputStream.clearPartialPacket	4	0.001	0.001	
Channel>Channel.isConstructionComplete	24	0.001	0.001	
Channel>@(o)validateOptions(obj,o)	4	0.001	0.001	
Channel>@(s)validateStreamLimits(obj,s)	4	0.001	0.001	
signal\private\check_order	2	0.001	0.001	
audioread>validateRangeWithTotalSamples	2	0.001	0.001	
hanning>calc_hanning	1	0.001	0.001	
PluginManager>PluginManager.handlePluginError	6	0.001	0.001	
PluginManager>PluginManager.getPluginForWrite	2	0.001	0.001	
InputStream>InputStream.readPartialPacket	2	0.001	0.001	
PluginManager>PluginManager.getInstance	14	0.001	0.001	
PluginManager>PluginManager.getWritableFileTypes	2	0.001	0.001	
validatestring>checkInputs	3	0.001	0.001	
isColon	10	0.001	0.001	
RemoteToLocal>RemoteToLocal.deleteIfLocalCopy	2	0.001	0.001	
mean>mysize	351	0.001	0.001	
Channel>Channel.unlock	4	0.001	0.001	
isCharVector	2	0.001	0.001	
Channel>Channel.updateAndFetchLockCount	8	0.001	0.001	
Stream>Stream.extractFromPacket	2	0.001	0.001	
strfun\private\isTextStrict	8	0.001	0.001	
Channel>Channel.validateStreamLimits	4	0.001	0.001	
...{'uint8','int16','int32','single','double'},{'nonempty'})	2	0.000	0.000	
strfun\private\strescape	2	0.000	0.000	
PluginManager>PluginManager.errorIfFile	6	0.000	0.000	
MessageHandler>MessageHandler.MessageHandler	4	0.000	0.000	
rowNamesDim>rowNamesDim.orientAs	2	0.000	0.000	
errorIf	2	0.000	0.000	
...>@(x)validateattributes(x,['char','string'],{'nonempty'})	2	0.000	0.000	
Channel>Channel.validateOptions	4	0.000	0.000	
...x,{'numeric'},{'nonempty','positive','integer','nonnan'})	2	0.000	0.000	
audiowrite>warnIfMp4Metadata	2	0.000	0.000	
nullcopy	1	0.000	0.000	
varNamesDim>varNamesDim.orientAs	4	0.000	0.000	
...tributes(x,['numeric'],{'nonempty','positive','integer'})	2	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.