Profile Summary (Total time: 3.284 s)

Generated 09-Jul-2024 17:12:56 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
one_motor_once	1	3.283	2.007	
Serialport>Serialport.readline	1	1.022	0.000	
StringClient>StringClient.read	1	1.021	0.001	
StringClient>StringClient.readRaw	1	1.020	0.000	
Serial>Serial.readUntil	1	1.020	0.001	
AsyncIOTransportChannel>AsyncIOTransportChannel.readUntil	1	1.019	0.001	
Stream>Stream.wait	2	1.016	0.279	
...ncIOTransportChannel>AsyncIOTransportChannel.waitForDataAvailable	1	1.016	0.001	
AsyncIOTransportChannel>@(obj)obj.DataAvailable>0	22687	0.300	0.039	
InputStream>InputStream.get.DataAvailable	22690	0.262	0.043	
Stream>Stream.isDeviceDone	22686	0.233	0.233	
serialport	1	0.225	0.001	
Serialport>Serialport.Serialport	1	0.224	0.010	
Stream>Stream.getDataAvailable	22691	0.219	0.219	
Stream>Stream.isOpen	22686	0.203	0.203	
Serial>Serial.connect	1	0.098	0.004	
Serial>Serial.initializeChannel	1	0.090	0.011	
Channel>Channel.Channel	1	0.039	0.027	
getReadWarningDocLinks	1	0.038	0.002	
getReadWarningDocLinks>requiresICTDoc	1	0.036	0.001	
ver	1	0.034	0.027	
TransportFactory>TransportFactory.getTransport	1	0.027	0.001	
Serial>Serial.Serial	1	0.026	0.003	
Serial>Serial.initProperties	1	0.020	0.006	
Serialport>Serialport.writeline	1	0.016	0.001	
StringClient>StringClient.write	1	0.016	0.001	
Channel>Channel.open	1	0.015	0.012	
Serialport>Serialport.initProperties	1	0.015	0.004	
fullfile	3	0.014	0.006	
Serial>Serial.write	1	0.012	0.001	
AsyncIOTransportChannel>AsyncIOTransportChannel.write	1	0.012	0.000	
attributes	3	0.011	0.003	
Serialport>Serialport.delete	1	0.011	0.002	
Serial>Serial.set.ErrorOccurredFcn	1	0.010	0.002	
AsyncIOTransportChannel>AsyncIOTransportChannel.writeAsync	1	0.008	0.001	
StringClient>StringClient.StringClient	1	0.008	0.002	
StringClient>StringClient.delete	1	0.007	0.001	
StringClient>StringClient.set.StringReadFcn	1	0.006	0.001	
str2char	24	0.006	0.006	
strcat	2	0.006	0.006	
LegacySerial>LegacySerial.LegacySerial	1	0.005	0.001	
validatestring	9	0.005	0.002	
Stream>Stream.Stream	2	0.005	0.004	
attributes>checkInputs	3	0.005	0.002	
Serial>Serial.set.StopBits	2	0.005	0.001	

StringClient>StringClient.initProperties	1	0.004	0.001	
Serial>Serial.set.Parity	2	0.004	0.001	
InputStream>InputStream.InputStream	1	0.004	0.001	
fileparts	1	0.004	0.002	
Serial>Serial.setAsyncIOChannelTimeout	3	0.004	0.003	
AsyncIOTransportChannel>AsyncIOTransportChannel.writeSyncRaw	1	0.004	0.001	
num2str	1	0.004	0.003	
ismember	2	0.003	0.001	
SerialportPrefHandler>SerialportPrefHandler.SerialportPrefHandler	1	0.003	0.001	
fgetl	76	0.003	0.003	
Serialport>Serialport.setCustomDisplay	1	0.003	0.003	
Serialport>Serialport.set.Timeout	1	0.003	0.002	
AsyncIOTransportChannel>AsyncIOTransportChannel.readStreamUntil	1	0.003	0.001	
OutputStream>OutputStream.drain	1	0.003	0.000	
generateArgumentDescriptor	3	0.003	0.003	
StringClient>StringClient.set.Terminator	1	0.003	0.002	
OutputStream>OutputStream.OutputStream	1	0.003	0.000	
Channel>Channel.execute	1	0.003	0.002	
ismember>ismemberR2012a	2	0.003	0.001	
strtok	1	0.002	0.001	
Serial>Serial.set.AllowPartialReads	1	0.002	0.001	
Serial>Serial.set.Timeout	2	0.002	0.002	
PreferencesHelper>PreferencesHelper.PreferencesHelper	1	0.002	0.002	
LegacyBase>LegacyBase.LegacyBase	1	0.002	0.001	
Serial>Serial.get.Connected	17	0.002	0.002	
validatestring>checkString	9	0.002	0.002	
Serial>Serial.set.FlowControl	2	0.002	0.001	
Channel>Channel.postInit	1	0.002	0.002	
InputStream>InputStream.read	1	0.002	0.002	
fileparts>legacyPCExecution	1	0.002	0.002	
FilterImpl>FilterImpl.FilterImpl	1	0.002	0.002	
attributes>checkClass	3	0.002	0.002	
Serial>Serial.validateConnected	3	0.002	0.000	
strtok>doStrtok	1	0.002	0.002	
Serialport>Serialport.set.StopBits	1	0.002	0.001	
... TransportChannel>AsyncIOTransportChannel.AsyncIOTransportChannel	1	0.002	0.001	
Serial>Serial.set.ByteOrder	2	0.002	0.001	
Serial>Serial.set.BytesAvailableFcn	1	0.002	0.001	
Serialport>Serialport.set.ByteOrder	1	0.001	0.001	
Serialport>Serialport.set.BaudRate	1	0.001	0.001	
Serialport>Serialport.set.Parity	1	0.001	0.001	
Channel>Channel.preOpen	1	0.001	0.001	
Serialport>Serialport.set.DataBits	1	0.001	0.001	
Channel>@(source,data)obj.onPropertyChanged(data.Name,data.Value)	2	0.001	0.001	
ismember>ismemberBuiltinTypes	2	0.001	0.001	
attributes>checkAttrs	3	0.001	0.001	
Serial>Serial.set.BaudRate	2	0.001	0.001	
Stream>Stream.isSupported	2	0.001	0.001	
Serialport>Serialport.set.FlowControl	1	0.001	0.001	
ver>@()fclose(fid)	38	0.001	0.001	

fullfile>ensureTrailingFilesep	3	0.001	0.000	
Channel>Channel.isOpen	4	0.001	0.001	
SerialportPrefHandler>SerialportPrefHandler.delete	1	0.001	0.000	
ILegacyCommon>ILegacyCommon.ILegacyCommon	1	0.001	0.001	
Stream>Stream.set.Timeout	2	0.001	0.001	
OutputStream>@(obj)obj.getDataAvailable()==0	1	0.001	0.000	
Channel>Channel.lock	1	0.001	0.000	
AsyncIOTransportChannel>AsyncIOTransportChannel.set.NativeDataType	1	0.001	0.001	
StringClient>StringClient.validateTerminator	1	0.001	0.001	
LegacyBinaryMixin>LegacyBinaryMixin.LegacyBinaryMixin	1	0.001	0.001	
Channel>@(s)validateStreamLimits(obj,s)	1	0.001	0.000	
Serial>Serial.recalculateLastCBValue	1	0.001	0.000	
validatestring>checkInputs	9	0.001	0.001	
Serial>Serial.set.DataBits	2	0.001	0.001	
ByteOrder>ByteOrder.ByteOrder	1	0.001	0.000	
fullfile>refinePath	3	0.001	0.001	
cell.ismember	1	0.001	0.001	
fullfile>addTrailingFileSep	3	0.001	0.001	
Channel>@(source,data)obj.onDataReceived()	1	0.001	0.000	
Channel>@(o)validateOptions(obj,o)	1	0.001	0.000	
FilterImpl>FilterImpl.getInputFilters	1	0.001	0.001	
StringClient>StringClient.getWriteTerminator	1	0.001	0.000	
PreferencesHelper>PreferencesHelper.delete	1	0.001	0.001	
InputStream>InputStream.clearPartialPacket	1	0.001	0.001	
Channel>Channel.isConstructionComplete	6	0.001	0.001	
Serial>Serial.get.Timeout	1	0.001	0.001	
FilterImpl>FilterImpl.getOutputFilters	1	0.001	0.001	
StringClient>StringClient.recalculateLastCBIndex	1	0.001	0.001	
Channel>Channel.onDataReceived	1	0.001	0.000	
Serial>Serial.disconnect	1	0.000	0.000	
ILegacyUnsupported>ILegacyUnsupported.ILegacyUnsupported	1	0.000	0.000	
Channel>Channel.updateAndFetchLockCount	1	0.000	0.000	
LegacyASCIIMixin>LegacyASCIIMixin.LegacyASCIIMixin	1	0.000	0.000	
LegacyBinblockMixin>LegacyBinblockMixin.LegacyBinblockMixin	1	0.000	0.000	
Channel>Channel.validateStreamLimits	1	0.000	0.000	
LegacyQueryMixin>LegacyQueryMixin.LegacyQueryMixin	1	0.000	0.000	
num2str>strvrcat	1	0.000	0.000	
Channel>Channel.onPropertyChanged	2	0.000	0.000	
Stream>Stream.flush	1	0.000	0.000	
mustBeNonempty	4	0.000	0.000	
mustBeInteger	1	0.000	0.000	
AsyncIOTransportChannel>AsyncIOTransportChannel.set.ByteOrder	1	0.000	0.000	
LegacyNullMixin>LegacyNullMixin.LegacyNullMixin	4	0.000	0.000	
getReadWarningDocLinks>getDocIDRef	2	0.000	0.000	
StringClient>StringClient.get.Terminator	6	0.000	0.000	
blanks	2	0.000	0.000	
Serial>Serial.get.StopBits	1	0.000	0.000	
Serial>Serial.terminateChannel	2	0.000	0.000	
strjust	1	0.000	0.000	
ITransport>ITransport.ITransport	1	0.000	0.000	

Serial>Serial.get.FlowControl	1	0.000	0.000	
Serial.get.BaudRate	1	0.000	0.000	
Serial>Serial.delete	1	0.000	0.000	
MessageHandler>MessageHandler.MessageHandler	1	0.000	0.000	
AsyncIOTransportChannel>AsyncIOTransportChannel.get.NativeDataType	2	0.000	0.000	
ITokenReader>ITokenReader.ITokenReader	1	0.000	0.000	
Serial>Serial.get.Parity	1	0.000	0.000	
IFilterable>IFilterable.IFilterable	1	0.000	0.000	
Serial>Serial.get.DataBits	1	0.000	0.000	
Serial>Serial.set.WriteAsync	1	0.000	0.000	
target	1	0.000	0.000	
SetGet>SetGet.SetGet	1	0.000	0.000	
AsyncIOTransportChannel>AsyncIOTransportChannel.set.DataFieldName	1	0.000	0.000	
Channel>Channel.validateOptions	1	0.000	0.000	
InputStream>InputStream.readPartialPacket	1	0.000	0.000	
StringClient>StringClient.getReadTerminator	2	0.000	0.000	
AsyncIOTransportChannel>AsyncIOTransportChannel.validateData	1	0.000	0.000	
num2str>cellPrintf	1	0.000	0.000	
fullfile>@(x)~iscell(x)&&isempty(x)	4	0.000	0.000	
generateArgumentDescriptor>isCharOrString	9	0.000	0.000	
CustomDisplay>CustomDisplay.CustomDisplay	1	0.000	0.000	
strjust>strjustOnChar	1	0.000	0.000	
InterfaceFunctionGetter>@()[]	3	0.000	0.000	
InputStream>InputStream.readPackets	1	0.000	0.000	
allowpcode	16	0.000	0.000	
ByteOrder>ByteOrder.NeedByteSwap	1	0.000	0.000	
Serial>Serial.get.ByteOrder	1	0.000	0.000	
AsyncIOTransportChannel>AsyncIOTransportChannel.get.ByteOrder	1	0.000	0.000	
AsyncIOTransportChannel>AsyncIOTransportChannel.getAllUnreadData	1	0.000	0.000	
Serial>Serial.get.NativeDataType	1	0.000	0.000	
Serial>Serial.get.DataFieldName	1	0.000	0.000	
..cIOTransportChannel>AsyncIOTransportChannel.translateAsyncIOStatus	1	0.000	0.000	
extrinsic	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.