
















Profile Summary

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Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
MainOptimizing5	1	743.508 s	319.330 s	
DelayInterfG	8910	122.612 s	122.612 s	
RecDowDqpsk_mex (MEX-file)	256	117.190 s	117.190 s	
OpticalFFTGT	3810	73.244 s	21.792 s	
IqMod	256	49.974 s	49.974 s	
OpticalIFFTGT	2540	44.096 s	8.833 s	
ProagationDelayT	1	35.572 s	7.277 s	
MeasPower	512	24.076 s	24.076 s	
findpeaks	256	23.116 s	0.347 s	
FiltroGaussiano	644	19.294 s	19.294 s	
SelectEachCarrier	1	16.943 s	13.931 s	
findpeaks>getAllPeaks	256	14.690 s	0.720 s	
findpeaks>findLocalMaxima	256	13.970 s	13.970 s	
Fibra_Monomodo1	132	5.974 s	5.882 s	
DqpskEncodEqT	256	5.442 s	5.440 s	
findpeaks>orderPeaks	256	3.083 s	3.083 s	
fftshift	781	2.713 s	2.713 s	
findpeaks>removePeaksBelowThreshold	256	2.108 s	2.108 s	
rectpulse	515	1.534 s	1.534 s	
findpeaks>combinePeaks	256	1.158 s	0.043 s	
union	256	1.115 s	0.014 s	

union>unionR2012a	256	1.100 s	0.184 s	
unique	256	0.916 s	0.025 s	
unique>uniqueR2012a	256	0.891 s	0.891 s	
findpeaks>removePeaksBelowMinPeakHeight	256	0.875 s	0.875 s	
findpeaks>parse_inputs	256	0.667 s	0.602 s	
close	257	0.248 s	0.025 s	
flipud	1024	0.183 s	0.183 s	
close>safegetchildren	257	0.160 s	0.030 s	
...aksSeparatedByMoreThanMinPeakDistance	256	0.158 s	0.158 s	
allchild	257	0.130 s	0.077 s	
close>getEmptyHandleList	257	0.060 s	0.060 s	
validatestring	768	0.049 s	0.019 s	
time2freq_lamb_2	5	0.034 s	0.028 s	
findpeaks>keepAtMostNpPeaks	256	0.030 s	0.030 s	
Set_MZ_Input_Data_Simp	5	0.027 s	0.022 s	
onCleanup>onCleanup.delete	257	0.022 s	0.007 s	
validatestring>checkString	768	0.019 s	0.019 s	
...set(rootobj,'ShowHiddenHandles'.Temp)	257	0.015 s	0.015 s	
onCleanup>onCleanup.onCleanup	257	0.014 s	0.014 s	
allchild>getchildren	257	0.014 s	0.014 s	
validatestring>checkInputs	768	0.011 s	0.011 s	
target	1536	0.011 s	0.011 s	
mean	10	0.011 s	0.011 s	
linspace	513	0.010 s	0.010 s	
num2str	10	0.005 s	0.003 s	
uitools\private\allchildRootHelper	257	0.004 s	0.004 s	
time2freq	1	0.003 s	0.001 s	

Fibra_Monomodo_Input_Data	132	0.003 s	0.003 s	
signal\private\chkinputdatatype	512	0.002 s	0.002 s	
findpeaks>assignOutputs	256	0.002 s	0.002 s	
int2str	10	0.002 s	0.002 s	
isdatetime	256	0.002 s	0.002 s	
isduration	768	0.002 s	0.002 s	
close>checkfigs	257	0.001 s	0.001 s	
close>request_close	257	0.001 s	0.001 s	
gpuDeviceCount	1	0.001 s	0.001 s	
nextpow2	3	0.001 s	0.001 s	
GPUDevice.GPUDevice>GPUDevice.count	1	0.001 s	0.000 s	
pwd	4	0.000 s	0.000 s	
deviceCount	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.