Profile Summary
Generated 25-Aug-2015 19:45:44 using cpu time.

RACS_test 1 961.512 s 0.465 s parallel_function 4 960.863 s 0.049 s parallel_function>distributed_execution 4 960.767 s 0.036 s for>remoteparfor.getCompleteIntervals 24 960.675 s 0.356 s java_util.concurrent.LinkedBlockingQueue (Java method) 982 958.841 s 958.841 s remoteparfor>remoteparfor.displayOutput 982 1.451 s 0.052 s remoteparfor>@(msq)displ(char(msq)) 1878 1.108 s 1.108 s errorbar 16 0.165 s 0.021 s specgraph.errorbarseries.errorbarseries 16 0.085 s 0.044 s remoteparfor>create@(msq)disp(char(msq)) 986 0.060 s 0.060 s parallel_function>iMakeRemoteParfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.remoteparfor.addInterval 32 0.032 s 0.002 s x.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.002 s ox.distcomp.pmod	<u>Function Name</u>	Calls	Total Time	Self Time*
parallel_function	RACS_test	1		0.465 s
parallel_function>distributed_execution for>remoteparfor.getCompleteIntervals java.util.concurrent.LinkedBlockingQueue (Java method) remoteparfor>remoteparfor.displayOutput remoteparfor>iDisplayStringArray page 1.451 s 0.052 s remoteparfor>@(msg)disp(char(msg)) remoteparfor>@(msg)disp(char(msg)) parallel_function>iMakeRemoteParfor parallel_function>iMakeRemoteParfor parallel_function>remoteparfor.remoteparfor parallel_function>remoteparfor.addInterval page 0.032 s 0.002 s remoteparfor>remoteparfor.addInterval page 0.027 s 0.027 s pace 0.021 s 0.022 s parallel_function>remoteparfor.displayOutput page 0.032 s 0.002 s parallel_function>iMakeRemoteParfor page 0.032 s 0.002 s parallel_function>remoteparfor.dilnterval page 0.032 s 0.002 s page 0.032 s 0.003 s 0.003 s page 0.033 s 0.003 s 0.003 s page 0.034 s 0.003 s 0.003 s page 0.035 s 0.003 s 0.003 s page 0.005 s 0.004 s page 0.005 s 0.005 s	parallel_function	4		0.049 s
java.util.concurrent.LinkedBlockingQueue (Java method) remoteparfor>remoteparfor.displayOutput p82 1.451 s 0.052 s remoteparfor>©(msg)disp(char(msg)) remoteparfor>@(msg)disp(char(msg)) parallel_function>iMakeRemoteParfor 4 0.036 s remoteparfor>remoteparfor.remoteparfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s 2 1046 0.027 s 0.027 s 1046 0.027 s 0.021 s 1046 0.023 s 0.021 s 1046 0.027 s 0.021 s 0.021 s 0.022 s 0.023 s 0.023 s 0.023 s 0.024 s 0.032 s 0.033 s 0.033 s 0.034 s 0.035 s 0.035 s 0.036 s 0.037 s 0.037 s 0.038 s 0.039 s 0	parallel_function>distributed_execution	4		0.036 s
(Java method) 982 s s remoteparfor>remoteparfor.displayOutput 982 1.451 s 0.052 s remoteparfor>iDisplayStringArray 986 1.374 s 0.206 s remoteparfor>@(msg)disp(char(msg)) 1878 1.108 s 1.108 s errorbar 16 0.165 s 0.021 s specgraph.errorbarseries.errorbarseries 16 0.085 s 0.044 s remoteparfor>create@(msg)disp(char(msg)) 986 0.060 s 0.060 s parallel_function>iMakeRemoteParfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 s x.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s errorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s remoteparfor>remoteparfor>remoteparfor.complete	for>remoteparfor.getCompleteIntervals	24		0.356 s
remoteparfor>iDisplayStringArray 986 1.374 s 0.206 s remoteparfor>@(msg)disp(char(msg)) 1878 1.108 s 1.108 s errorbar 16 0.165 s 0.021 s specgraph.errorbarseries.errorbarseries 16 0.085 s 0.044 s remoteparfor>create@(msg)disp(char(msg)) 986 0.060 s 0.060 s parallel_function>iMakeRemoteParfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 s x.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.008 s ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s errorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s		982		
remoteparfor>@(msg)disp(char(msg)) 1878 1.108 s 1.108 s errorbar 16 0.165 s 0.021 s specgraph.errorbarseries.errorbarseries 16 0.085 s 0.044 s remoteparfor>create@(msg)disp(char(msg)) 986 0.060 s 0.060 s parallel_function>iMakeRemoteParfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 s x.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.008 s ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s errorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s remoteparfor>remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s	remoteparfor>remoteparfor.displayOutput	982	1.451 s	0.052 s
errorbar specgraph.errorbarseries.errorbarseries 16 0.085 s 0.044 s remoteparfor>create@(msg)disp(char(msg)) parallel_function>iMakeRemoteParfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 s x.distcomp.pmode.ParforControllerImpl (Java method) specgraph\private\nextstyle 16 0.023 s 0.008 s ox.distcomp.pmode.DrainableOutputImpl (Java method) specgraph\private\nextstyle 16 0.021 s 0.021 s errorbarseries.schema>LdoDirtyAction 48 0.020 s 0.002 s remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s	remoteparfor>iDisplayStringArray	986	1.374 s	0.206 s
specgraph.errorbarseries.errorbarseries 16 0.085 s 0.044 s remoteparfor>create@(msg)disp(char(msg)) 986 0.060 s 0.060 s parallel_function>iMakeRemoteParfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 s x.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.008 s ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s errorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s	remoteparfor>@(msg)disp(char(msg))	1878	1.108 s	1.108 s
remoteparfor>create@(msg)disp(char(msg)) 986 0.060 s 0.060 s parallel_function>iMakeRemoteParfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 s 0.003 s 0.00	errorbar	16	0.165 s	0.021 s
parallel_function>iMakeRemoteParfor 4 0.036 s 0.002 s remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 sx.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.008 sox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 serrorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s	specgraph.errorbarseries.errorbarseries	16	0.085 s	0.044 s
remoteparfor>remoteparfor.remoteparfor 4 0.034 s 0.016 s serialize 48 0.033 s 0.023 s remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 sx.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.008 sox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 serrorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s	remoteparfor>create@(msg)disp(char(msg))	986	0.060 s	0.060 s
serialize480.033 s0.023 sremoteparfor>remoteparfor.addInterval320.032 s0.002 sx.distcomp.pmode.ParforControllerImpl (Java method)10460.027 s0.027 sspecgraph\private\nextstyle160.023 s0.008 sox.distcomp.pmode.DrainableOutputImpl (Java method)9860.021 s0.021 serrorbarseries.schema>LdoDirtyAction480.020 s0.004 sremoteparfor>remoteparfor.complete40.016 s0.002 s	parallel_function>iMakeRemoteParfor	4	0.036 s	0.002 s
remoteparfor>remoteparfor.addInterval 32 0.032 s 0.002 s x.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.008 s ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s errorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s	remoteparfor>remoteparfor.remoteparfor	4	0.034 s	0.016 s
x.distcomp.pmode.ParforControllerImpl (Java method) 1046 0.027 s 0.027 s specgraph\private\nextstyle 16 0.023 s 0.008 s ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s 0.021 s 1046 0.023 s 0.004 s 1046 0.020 s 0.0021 s 0.0021 s	<u>serialize</u>	48	0.033 s	0.023 s
(Java method) specgraph\private\nextstyle 16 0.023 s 0.008 s ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s 0.027 s 0.027 s	remoteparfor>remoteparfor.addInterval	32	0.032 s	0.002 s
ox.distcomp.pmode.DrainableOutputImpl (Java method) 986 0.021 s 0.021 s 0.021 s 0.021 s 1errorbarseries.schema>LdoDirtyAction 48 0.020 s 0.004 s 1emoteparfor>remoteparfor.complete 4 0.016 s 0.002 s		1046	0.027 s	0.027 s
(Java method) errorbarseries.schema>LdoDirtyAction 48 0.021 s 0.021 s 0.021 s 0.021 s 0.021 s	specgraph\private\nextstyle	16	0.023 s	0.008 s
remoteparfor>remoteparfor.complete 4 0.016 s 0.002 s		986	0.021 s	0.021 s
	errorbarseries.schema>LdoDirtyAction	48	0.020 s	0.004 s
specgraph.errorbarseries.refresh 32 0.016 s 0.014 s	remoteparfor>remoteparfor.complete	4	0.016 s	0.002 s
	specgraph.errorbarseries.refresh	32	0.016 s	0.014 s

Total Time Plot (dark band = self time)

hold	17	0.015 s	0.011 s
isprop	64	0.015 s	0.009 s
arfor.awaitCompletionDisplayingOutput	4	0.014 s	0.002 s
deserialize	40	0.014 s	0.009 s
hworks.toolbox.distcomp.pmode.Session (Java method)	1002	0.013 s	0.013 s
unique	16	0.012 s	0.004 s
errorbar>parseargs	16	0.009 s	0.004 s
unique>uniqueR2012a	16	0.008 s	0.008 s
series.schema>LdoUpdateChildrenAction	48	0.008 s	0.008 s
axescheck	33	0.007 s	0.007 s
newplot	16	0.007 s	0.003 s
getJavaFutureInterruptibly	4	0.006 s	0.003 s
teparfor>remoteparfor.tryRemoteParfor	4	0.006 s	0.001 s
eparfor>remoteparfor.addFinalInterval	12	0.006 s	-0.000 s
isprop>hasPropI	64	0.006 s	0.006 s
errorbarseries.schema>LdoUpdateAction	16	0.006 s	0.003 s
pctTryCreatePoolIfNecessary	4	0.005 s	0.001 s
usev6plotapi	16	0.005 s	0.005 s
PoolArrayManager>iManipulatePoolArray	52	0.004 s	0.002 s
rayManager.getOrAutoCreateWithCleanup	4	0.004 s	0.001 s
distcompMakeByteBufferHandles (MEX-file)	48	0.004 s	0.004 s
parseparams	16	0.004 s	0.004 s
newplot>ObserveAxesNextPlot	16	0.004 s	0.004 s
hasbehavior	16	0.004 s	0.004 s
ayManager>PoolArrayManager.getCurrent	48	0.003 s	0.002 s
distcompserialize64 (MEX-file)	48	0.003 s	0.003 s
barseries.schema>LdoUpdateXDataAction	32	0.003 s	0.003 s
orbarseries.schema>LdoMarkDirtyAction	80	0.003 s	0.003 s
rorbarseries.schema>LsetXDataSilently	16	0.003 s	0.003 s

linspace	1	0.002 s	0.002 s
onCleanup>onCleanup.onCleanup	8	0.002 s	0.002 s
Pool.Pool>Pool.hGetIsUsable	8	0.002 s	0.002 s
distcompByteBufferHandles2MxArray (MEX-file)	40	0.002 s	0.002 s
distcompdeserialize (MEX-file)	40	0.002 s	0.002 s
>distributed_execution/consume_reduce	32	0.002 s	0.002 s
specgraph\private\datachk	64	0.002 s	0.002 s
rseries.schema>LdoSetManualModeAction	32	0.002 s	0.001 s
rbarseries.schema>LdoModeSwitchAction	32	0.002 s	0.002 s
<u>ishold</u>	16	0.002 s	0.002 s
plotdoneevent	16	0.002 s	0.001 s
parfor_sliced_fcnhdl_check	4	0.001 s	0.001 s
parfor_endpoint_check	8	0.001 s	0.001 s
ncrementParallelFunctionDepth	8	0.001 s	0.001 s
parallel_function>PCTInstalled	4	0.001 s	0.001 s
getJavaFutureResult	4	0.001 s	0.001 s
onCleanup>onCleanup.delete	8	0.001 s	0.001 s
sarmableOncleanup.DisarmableOncleanup	4	0.001 s	0.001 s
eOncleanup>DisarmableOncleanup.disarm	4	0.001 s	0.001 s
eOncleanup>DisarmableOncleanup.delete	4	0.001 s	0.001 s
oarallel_function>divide_harmonic/div	4	0.001 s	0.001 s
rforControllerImpl\$IntervalResultImp(Javamethod)	120	0.001 s	0.001 s
oolbox.distcomp.util.ByteBufferHandle (Java method)	40	0.001 s	0.001 s
oarallel_function>results	4	0.001 s	0.001 s
specgraph\private\checkpvpairs	16	0.001 s	0.001 s
rbarseries.schema>LdoUpdateBaseAction	64	0.001 s	0.001 s
hgfeval	16	0.001 s	0.001 s

graph2dhelper	16	0.001 s	0.000 s
scribe\private\getplotmanager	16	0.001 s	0.001 s
al.incrementParallelFunctionDepth(-1)	4	0 s	0.000 s
al.incrementParallelFunctionDepth(-1)	4	0 s	0.000 s
Pool.Pool>Pool.get.Connected	4	0 s	0.000 s
Pool.Pool>Pool.hGetSession	4	0 s	0.000 s
ruptibly>create@()future.cancel(true)	4	0 s	0.000 s
eInterruptibly>@()future.cancel(true)	4	0 s	0.000 s
java.util.concurrent.FutureTask (Java method)	8	0 s	0.000 s
remoteparfor>create@()p.interrupt()	4	0 s	0.000 s
ctRemote>AbstractRemote.saveLoadCount	8	0 s	0.000 s
parallel_function>create@(N,W)W	4	0 s	0.000 s
parallel_function>divide_harmonic	4	0 s	0.000 s
parallel_function>@(N,W)W	4	0 s	0.000 s
remoteparfor>remoteparfor.delete	4	0 s	0.000 s
deal	32	0 s	0.000 s
newplot>ObserveFigureNextPlot	16	0 s	0.000 s
ies.schema>LdoSetManualCodeModeAction	32	0 s	0.000 s
opaque.double	128	0 s	0.000 s

Self time is the time spent in a function excluding the time spent in its child full Self time also includes overhead resulting from the process of profiling.

nctions.