```
::CartesianMotionPipelineTask
                                                                 tesseract_planning
                                                                 ::DescartesGlobalMotionPipelineTask
                                                                    tesseract_planning
                                                                    ::DescartesMotionPipelineTask
                                                                    tesseract_planning
                                                                    ::FreespaceMotionPipelineTask
                                                                      tesseract_planning
                                                                      ::OMPLMotionPipelineTask
                                                                     tesseract_planning
                                                                     ::RasterCtGlobalPipelineTask
                                                                  tesseract_planning
                                                                   ::RasterCtOnlyGlobalPipelineTask
                                                                      tesseract_planning
                                                                      ::RasterCtOnlyPipelineTask
                                tesseract_planning
                                                                        tesseract_planning
                                ::TaskComposerGraph
                                                                        ::RasterCtPipelineTask
                                                                     tesseract_planning
                                                                     ::RasterFtGlobalPipelineTask
                                                                   tesseract_planning
                                                                   ::RasterFtOnlyGlobalPipelineTask
                                                                      tesseract_planning
                                                                      ::RasterFtOnlyPipelineTask
                                                                        tesseract_planning
                                                                        ::RasterFtPipelineTask
                                                                     tesseract_planning
                                                                     ::SimpleMotionPipelineTask
                                                                   tesseract_planning
                                                                   ::TrajOptIfoptMotionPipelineTask
                                                                     tesseract_planning
                                                                     ::TrajOptMotionPipelineTask
                                                                       AddTaskComposerNode
                                                                     MultiplyTaskComposerNode
tesseract_planning
::TaskComposerNode
                                                                          tesseract_planning
                                                                          ::CheckInputTask
                                                                   tesseract_planning
                                                                    ::ContinuousContactCheckTask
                                                                     tesseract_planning
                                                                     ::DiscreteContactCheckTask
                                                                          tesseract_planning
                                                                             ::DoneTask
                                                                          tesseract_planning
                                                                              ::ErrorTask
                                                                        tesseract_planning
                                                                        ::FixStateBoundsTask
                                                                        tesseract_planning
                                                                        ::FixStateCollisionTask
                                                                 tesseract_planning
                                                                 ::IterativeSplineParameterizationTask
                                                                          tesseract_planning
                                                                           ::MinLengthTask
                                tesseract_planning
                                                                         tesseract_planning
                                ::TaskComposerTask
                                                                         ::MotionPlannerTask
                                                                          tesseract_planning
                                                                          ::ProfileSwitchTask
                                                                        tesseract_planning
                                                                        ::RasterCtMotionTask
                                                                      tesseract_planning
                                                                      ::RasterCtOnlyMotionTask
                                                                        tesseract_planning
                                                                        ::RasterFtMotionTask
                                                                      tesseract_planning
                                                                      ::RasterFtOnlyMotionTask
                                                                   tesseract_planning
                                                                   ::RuckigTrajectorySmoothingTask
                                                                          tesseract_planning
                                                                             ::StartTask
                                                                  tesseract_planning
                                                                  ::TimeOptimalParameterizationTask
                                                                        tesseract_planning
                                                                        ::UpdateEndStateTask
                                                                    tesseract_planning
                                                                    ::UpdateStartAndEndStateTask
                                                                       tesseract_planning
                                                                       ::UpdateStartStateTask
```

tesseract_planning ::UpsampleTrajectoryTask

tesseract_planning