

Profile Summary (Total time: 13.236 s)

Generated 06-Aug-2021 15:05:30 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
<u>TestSensors</u>	1	13.229	0.354	
<u>..afficEnvironment.TrafficEnvironment>TrafficEnvironment.deploy_traffic</u>	2	4.950	0.002	
<u>TrafficEnvironment.TrafficEnvironment>TrafficEnvironment.stepImpl</u>	12	4.931	0.012	
<u>..afficEnvironment.TrafficEnvironment>TrafficEnvironment.create_traffic</u>	2	4.735	0.061	
<u>...ironment.TrafficEnvironment>TrafficEnvironment.update_all_vehicles</u>	13	4.222	0.012	
<u>EgoVehicle.EgoVehicle>EgoVehicle.synchronize</u>	13	2.607	0.002	
<u>EgoVehicle.EgoVehicle>EgoVehicle.update_observations</u>	13	2.575	0.004	
<u>EgoVehicle.EgoVehicle>EgoVehicle.update_occupancy_grid</u>	13	2.420	0.065	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.spawn_vehicle</u>	148	1.831	0.140	
<u>drivingScenario.advance</u>	11	1.748	1.305	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.synchronize</u>	1092	1.607	0.031	
<u>sendExact</u>	1782	1.489	0.180	
<u>HighwayStraight</u>	1	1.227	0.241	
<u>simulationStep</u>	160	1.184	0.030	
<u>readSubscription</u>	1072	1.090	0.391	
<u>EgoVehicle.EgoVehicle>EgoVehicle.filter_obstacles_binary_grid</u>	13	1.019	0.033	
<u>Actor>Actor.chasePlot</u>	3	1.002	0.005	
<u>drivingScenario.plot</u>	3	0.997	0.005	
<u>...vironment.TrafficEnvironment>TrafficEnvironment.TrafficEnvironment</u>	1	0.953	0.016	
<u>step</u>	12	0.951	0.001	
<u>java.io.DataOutputStream (Java method)</u>	3565	0.944	0.944	
<u>sendReadOneStringCmd</u>	1079	0.934	0.009	
<u>inpolygon</u>	13	0.912	0.011	
<u>inpolygon>vec_inpolygon</u>	416	0.900	0.900	
<u>checkResult</u>	1092	0.884	0.034	
<u>getUniversal</u>	777	0.798	0.045	
<u>Plot>Plot.Plot</u>	3	0.702	0.001	
<u>Plot>Plot.setupGraphics</u>	3	0.688	0.178	
<u>start</u>	1	0.612	0.016	
<u>SubscriptionResults>SubscriptionResults.add</u>	8576	0.609	0.274	
<u>Plot>Plot.plotActors</u>	43	0.606	0.019	
<u>drivingScenario.road</u>	1	0.598	0.017	
<u>plotActors</u>	43	0.588	0.451	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.update_dsd_vehicle_states</u>	1072	0.585	0.211	
<u>RoadNetwork>RoadNetwork.addRoadSegment</u>	1	0.549	0.004	
<u>dos</u>	1	0.522	0.522	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.subscribe_to_sumo_vehicle</u>	148	0.472	0.014	
<u>subscribe</u>	148	0.458	0.036	
<u>@drivingScenario\private\plotActors</u>	98	0.451	0.004	
<u>subscribe</u>	148	0.415	0.109	
<u>drivingScenario\private\plotActors</u>	11	0.303	0.303	

Function	Count	Avg Time	Total Time	Profiled
DrivingScenarioPrivateActions.add	148	0.344	0.053	
recvExact	1782	0.340	0.612	
SubscriptionResults>SubscriptionResults.parse	8576	0.335	0.191	
...Environment.TrafficEnvironment>TrafficEnvironment.configure_traffic	1	0.316	0.002	
...ment.TrafficEnvironment>TrafficEnvironment.configure_ego_vehicles	1	0.312	0.004	
...ironment.TrafficEnvironment>TrafficEnvironment.create_ego_vehicle	1	0.306	0.083	
getTime	296	0.286	0.006	
getUniversal	298	0.283	0.021	
EgoVehicle.EgoVehicle>EgoVehicle.update_grid_visualization	12	0.280	0.012	
getIDList	185	0.263	0.002	
binaryOccupancyMap>binaryOccupancyMap.show	12	0.255	0.029	
collisionMesh>collisionMesh.collisionMesh	148	0.251	0.004	
zoom	6	0.242	0.037	
drivingScenario.vehicle	84	0.226	0.022	
EgoVehicle.EgoVehicle>EgoVehicle.create_binary_grid	1	0.215	0.115	
...Vehicle.TrafficVehicle>TrafficVehicle.extract_sumo_vehicle_states2D	1072	0.215	0.099	
MapUtils>MapUtils.showGrid	12	0.214	0.092	
...vironment.TrafficEnvironment>TrafficEnvironment.reset_environment	2	0.213	0.010	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	4	0.213	0.022	
drivingScenario.drivingScenario>drivingScenario.drivingScenario	1	0.209	0.008	
...nt.TrafficEnvironment>TrafficEnvironment.create_chase_visualization	1	0.209	0.002	
collisionMesh>collisionMesh.updateGeometry	148	0.208	0.206	
Vehicle>Vehicle.Vehicle	84	0.200	0.002	
TrafficVehicle.TrafficVehicle>TrafficVehicle.check_if_exists_on_dsd	1240	0.199	0.158	
Actor>Actor.Actor	84	0.199	0.007	
ActorBase>ActorBase.ActorBase	84	0.188	0.006	
ActorDimensions>ActorDimensions.scaleMesh	676	0.187	0.015	
...TrafficEnvironment>TrafficEnvironment.create_random_visualization	1	0.184	0.002	
Storage>Storage.read	78095	0.182	0.182	
TrafficVehicle.TrafficVehicle>TrafficVehicle.update_collisionMesh_pose	1072	0.181	0.053	
Actor>Actor.targetPoses	26	0.174	0.059	
...ropertiesInitializableInConstructor.PropertiesInitializableInConstructor	87	0.164	0.045	
extendedObjectMesh>extendedObjectMesh.scaleToFit	676	0.162	0.056	
RoadNetwork>RoadNetwork.applyLaneMarkings	1	0.162	0.012	
lanespec>lanespec.lanespec	4	0.161	0.002	
PostUpdatePlugin>PostUpdatePlugin.doCacheLoad	1	0.159	0.049	
getIDList	4	0.155	0.007	
Storage>Storage.readString	16634	0.155	0.070	
zoom>locGetMode	12	0.154	0.013	
TrafficVehicle.TrafficVehicle>TrafficVehicle.despawn_actor	84	0.153	0.010	
getTypeID	148	0.152	0.006	
EgoVehicle.EgoVehicle>EgoVehicle.compute_leader	13	0.152	0.014	
java.io.DataInputStream (Java method)	1783	0.151	0.151	
@drivingScenario\private\parseInputs	1	0.149	0.131	
getUniversal	4	0.148	0.136	

<code>+ mixin\private\applyMarkerStyles</code>	20	0.147	0.006	
<code>Storage>Storage.readStringList</code>	1261	0.140	0.018	
<code>lanespec>lanespec.validate</code>	4	0.138	0.033	
<code>getHeight</code>	148	0.133	0.001	
<code>getLength</code>	148	0.132	0.001	
<code>CollisionGeometryBase>CollisionGeometryBase.set_Pose</code>	1428	0.131	0.004	
<code>RoadNetwork>RoadNetwork.get_LanedSegmentBoundaries</code>	1	0.130	0.002	
<code>getWidth</code>	148	0.129	0.001	
<code>addpath</code>	2	0.129	0.004	
<code>CollisionGeometryBase>CollisionGeometryBase.updatePose</code>	1428	0.127	0.018	
<code>graph2d\private\labelcheck</code>	9	0.126	0.002	
<code>path</code>	2	0.125	0.099	
<code>graph2d\private\labelcheck>local_validlabelobj</code>	9	0.123	0.080	
<code>setColor</code>	148	0.121	0.006	
<code>Plot>Plot.plotRoads</code>	3	0.119	0.014	
<code>xlabel</code>	3	0.115	0.009	
<code>RoadNetwork>RoadNetwork.mergeRoads</code>	1	0.113	0.000	
<code>RoadNetwork>RoadNetwork.advanceToOverlap</code>	1	0.113	0.003	
<code>ToolbarFactory>ToolbarFactory.getToolbar</code>	4	0.112	0.077	
<code>RoadNetwork>RoadNetwork.getOverlap</code>	1000	0.110	0.103	
<code>imagesc</code>	12	0.109	0.036	
<code>+ mixin\private\applyDashedMarker</code>	12	0.108	0.108	
<code>EgoVehicle.EgoVehicle>EgoVehicle.extract_ideal_observations</code>	13	0.104	0.011	
<code>RoadNetwork>RoadNetwork.addRoadBorders</code>	1	0.100	0.047	
<code>binaryOccupancyMap>binaryOccupancyMap.binaryOccupancyMap</code>	1	0.099	0.001	
<code>MapLayer>MapLayer.MapLayer</code>	1	0.096	0.029	
<code>Actor>Actor.currentLane</code>	1085	0.094	0.012	
<code>RoadSegment>RoadSegment.RoadSegment</code>	1	0.090	0.007	
<code>tform2quat</code>	1428	0.085	0.008	
<code>TrafficVehicle.TrafficVehicle>TrafficVehicle.reset_vehicle_dsd</code>	104	0.083	0.042	
<code>carMesh</code>	148	0.083	0.006	
<code>+ scenario\private\getRoadSegmentParameters</code>	1	0.083	0.014	
<code>Actor>Actor.set.ExitTime</code>	1176	0.080	0.011	
<code>CanvasSetup>CanvasSetup.createScribeLayers</code>	4	0.076	0.020	
<code>remove</code>	84	0.075	0.006	
<code>ActorBase>ActorBase.scenarioFacesMeshes</code>	3612	0.074	0.050	
<code>...dAxesInteractions>UnifiedAxesInteractions.createDefaultInteractions</code>	111	0.072	0.047	
<code>newplot</code>	12	0.072	0.008	
<code>+ scenario\private\getWheelMesh</code>	1	0.071	0.002	
<code>beginMessage</code>	1472	0.070	0.059	
<code>ToolBarPushButton>ToolBarPushButton.ToolBarPushButton</code>	1	0.070	0.016	
<code>getSubscriptionResults</code>	2144	0.070	0.018	
<code>...barButton_AxesToolBarButton>AxesToolBarButton.AxesToolBarButton</code>	2	0.070	0.003	
<code>sendByteCmd</code>	84	0.069	0.003	
<code>extendedObjectMesh>extendedObjectMesh.enforceScalar</code>	2716	0.068	0.068	

+scenario\private\getActorsInRange	26	0.066	0.057	
binaryOccupancyMap>binaryOccupancyMap.parseGridVsMatrix	1	0.063	0.031	
inpoly2	13	0.062	0.011	
binaryOccupancyMap>binaryOccupancyMap.move	13	0.060	0.002	
rotm2quat	1428	0.060	0.053	
isprop	1636	0.060	0.015	
clothoidG2fitMissingCourse	1	0.059	0.000	
clothoidG2fitMissingCourse>fitPartialCourse	1	0.059	0.000	
newplot>ObserveAxesNextPlot	12	0.059	0.006	
clothoidG2fitMissingCourse>fillPartitions	1	0.058	0.000	
clothoidG2fitMissingCourse>fitCourse	1	0.058	0.029	
...eStackManager.ScribeStackManager>ScribeStackManager.getLayer	17	0.058	0.005	
ActorPoses>ActorPoses.set.Yaw	1176	0.057	0.012	
+scenario\private\getCurrentLane	1085	0.057	0.057	
TrafficVehicle.TrafficVehicle>TrafficVehicle.update_metadata	1072	0.056	0.029	
extendedObjectMesh>extendedObjectMesh.translate	1356	0.055	0.025	
laneType	16	0.055	0.020	
Actor>Actor.updateTrajectory	1280	0.054	0.009	
cla	12	0.053	0.005	
Storage>Storage.readDouble	5041	0.053	0.025	
fliplr	34393	0.052	0.052	
attributes	37	0.052	0.008	
ActorDimensions>ActorDimensions.set.Length	148	0.052	0.003	
RoadNetwork>RoadNetwork.RoadNetwork	1	0.052	0.052	
SubscriptionResults>SubscriptionResults.get	2144	0.052	0.047	
inpoly2_mat	13	0.051	0.051	
connect	1	0.051	0.019	
laneMarking	20	0.050	0.014	
hggetbehavior	24	0.050	0.004	
num2str	2587	0.049	0.023	
...tackManager.ScribeStackManager>ScribeStackManager.createLayer	12	0.048	0.017	
ismember	1388	0.048	0.017	
Storage>Storage.readInt	4789	0.047	0.023	
plotLaneMarkings	3	0.047	0.047	
RoadTile>RoadTile.RoadTile	1000	0.046	0.025	
hggetbehavior>localGet	18	0.045	0.010	
isprop>hasProp	1636	0.045	0.045	
drivingScenario.updatePlots	2	0.044	0.000	
binaryOccupancyMap>binaryOccupancyMap.setOccupancy	41	0.044	0.003	
eul2rotm	1072	0.044	0.024	
ActorDimensions>ActorDimensions.set.Height	148	0.044	0.002	
extendedObjectMesh>extendedObjectMesh.extendedObjectMesh	6	0.043	0.003	
ActorMesh>ActorMesh.set.Mesh	148	0.043	0.002	
drivingScenario.restart	1	0.042	0.001	
binaryOccupancyMap>binaryOccupancyMap.setMapData	41	0.041	0.006	
@drivingScenario\private\restartActors	1	0.041	0.002	

ActorDimensions>ActorDimensions.set.Width	148	0.040	0.002	
...lisionGeometryBase>CollisionGeometryBase.CollisionGeometryBase	148	0.040	0.007	
zoom>locGetObj	6	0.039	0.011	
extendedObjectMesh>extendedObjectMesh.parseInputs	6	0.039	0.002	
axis	6	0.038	0.025	
getuimode	12	0.038	0.005	
rng	1	0.038	0.001	
RoadSegment>RoadSegment.getTaperedRoadSegmentBoundaries	1	0.038	0.004	
...artesianAxesInteractionContainer.CartesianAxesInteractionContainer	4	0.037	0.010	
...oller/DesktopToolbarController>DesktopToolbarController.getInstance	4	0.035	0.001	
uidgetmodemanager	30	0.035	0.015	
zlabel	3	0.035	0.024	
...oolbarController>DesktopToolbarController/DesktopToolbarController	4	0.035	0.012	
EgoVehicle.EgoVehicle>EgoVehicle.spawn_vehicle	2	0.034	0.001	
graphics\private\clo	12	0.033	0.032	
+ mixin\private\applySolidMarker	8	0.033	0.033	
MapUtils>MapUtils.parseGridVsMatrix	1	0.032	0.001	
Socket>Socket.connect	1	0.032	0.031	
+scenario\private\roadDistanceToCenterAndLeft	4	0.032	0.017	
hgbehaviorfactory	9	0.032	0.001	
ismember>ismemberR2012a	1388	0.032	0.012	
Button.Button>Button.Button	3	0.031	0.017	
uimode	3	0.031	0.015	
AxesToolBarButton.AxesToolBarButton>AxesToolBarButton.set.Icon	2	0.031	0.007	
hgbehaviorfactory>localCreate	9	0.031	0.015	
RoadNetwork>RoadNetwork.applyLaneTypes	1	0.031	0.002	
MapLayer>MapLayer.parseGridInitialization	1	0.031	0.000	
uigettool	12	0.031	0.007	
TrafficVehicle.TrafficVehicle>TrafficVehicle.check_if_exists_on_sumo	1092	0.030	0.007	
...erface.subsetValidator(supersetDefaults,subsetValidators,varargin{:})	1	0.030	0.000	
MapInterface>MapInterface.subsetValidator	1	0.030	0.010	
MapLayer>MapLayer.move	13	0.030	0.011	
extendedObjectMesh>extendedObjectMesh.processPrimitiveInputs	2	0.029	0.006	
extendedObjectMesh>extendedObjectMesh.scale	677	0.029	0.014	
findall	18	0.029	0.021	
extendedObjectMesh>extendedObjectMesh.rotate	1	0.029	0.000	
javaaddpath	1	0.029	0.007	
extendedObjectMesh>extendedObjectMesh.rotateypr	1	0.028	0.010	
ActorPoses>ActorPoses.orient	1176	0.028	0.015	
MapInterface>MapInterface.moveParser	13	0.028	0.018	
...standardAxesInteractionContainer.StandardAxesInteractionContainer	4	0.027	0.014	
zoom.setAxesZoomConstraint	3	0.027	0.002	
ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer	12	0.026	0.016	
Plot>Plot.shrinkZLimits	3	0.026	0.023	
RoadNetwork>RoadNetwork.closestRoadTile	1085	0.026	0.026	

<u>...olbarController.ToolbarController>@(e,d)obj.handleMouseMotion(e,d)</u>	2	0.026	0.000	
<u>...ktopToolbarController>DesktopToolbarController.handleMouseMotion</u>	2	0.026	0.006	
<u>javaclasspath</u>	3	0.025	0.001	
<u>javaclasspath>local_javapath</u>	3	0.025	0.005	
<u>Storage>Storage.readLength</u>	2165	0.025	0.009	
<u>genpath</u>	37	0.025	0.018	
<u>RoadNetwork>RoadNetwork.getMarkingVertices</u>	1	0.025	0.007	
<u>tform2trvec</u>	1428	0.024	0.015	
<u>targetsToEgo</u>	26	0.023	0.009	
<u>MapLayer>MapLayer.setValueAtIndicesWorldImpl</u>	26	0.023	0.001	
<u>plotRoadTiles</u>	3	0.023	0.023	
<u>general\private\parsedirs</u>	4	0.023	0.023	
<u>attributes>checkAttrs</u>	37	0.023	0.010	
<u>packInt32</u>	3840	0.023	0.016	
<u>getVersion</u>	1	0.023	0.007	
<u>zoom.setAxes3DPanAndZoomStyle</u>	6	0.023	0.003	
<u>...olBarButton.AxesToolbarButton>AxesToolbarButton.setStandardIcon</u>	2	0.022	0.003	
<u>zoom.zoom>zoom.zoom</u>	6	0.022	0.009	
<u>cylinder</u>	1	0.021	0.000	
<u>DrivingLaneType>DrivingLaneType.DrivingLaneType</u>	16	0.021	0.001	
<u>cylinder>cylinderFaces</u>	1	0.021	0.007	
<u>getLeader</u>	13	0.021	0.005	
<u>...>@(result)typecast([fliplr(result.read(8)),fliplr(result.read(8))],'double')</u>	1072	0.021	0.011	
<u>validateHomogeneousTransform</u>	4284	0.021	0.021	
<u>co.edu.unalmed.gaunal.traci4matlab.utils.DataReader (Java method)</u>	1783	0.021	0.021	
<u>mustBeUnderlyingType</u>	1093	0.021	0.005	
<u>LaneType>LaneType.LaneType</u>	16	0.021	0.003	
<u>RandStream.RandStream>RandStream.shuffleSeed</u>	1	0.020	0.003	
<u>SolidMarking>SolidMarking.SolidMarking</u>	20	0.020	0.006	
<u>uimodemanager.uimodemanager>uimodemanager.uimodemanager</u>	3	0.020	0.011	
<u>Actor>Actor.validateActorExitTime</u>	1176	0.019	0.019	
<u>drivingScenario.roadBoundaries</u>	16	0.019	0.001	
<u>Plot>Plot.calculateUnitsPerPixel</u>	3	0.019	0.005	
<u>EgoVehicle.EgoVehicle>EgoVehicle.despawn_actor</u>	1	0.019	0.001	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.TrafficVehicle</u>	84	0.019	0.015	
<u>RoadNetwork>RoadNetwork.roadBorders</u>	16	0.019	0.014	
<u>ButtonImage.ButtonImage>ButtonImage.ButtonImage</u>	3	0.018	0.002	
<u>parseParameterInputs</u>	1	0.018	0.010	
<u>ismember>ismemberClassTypes</u>	1239	0.018	0.018	
<u>dclothoidwp</u>	1	0.018	0.001	
<u>fullfile</u>	40	0.018	0.008	
<u>setAxes3DPanAndZoomStyle</u>	6	0.018	0.004	
<u>...oolBarButton.AxesToolbarButton>AxesToolbarButton.makelconPaths</u>	2	0.017	0.000	
<u>dclothoidwp>cloth</u>	1	0.017	0.004	
<u>+mixin\private\getLaneMarkerVertices</u>	20	0.017	0.017	
<u>AxesToolbarButton.AxesToolbarButton>makelconPath</u>	2	0.017	0.005	

<u>DashedMarking</u> > <u>DashedMarking.DashedMarking</u>	12	0.017	0.005	
<u>validateDataType</u>	6	0.017	0.015	
<u>now</u>	2	0.017	0.017	
<u>Actor</u> > <u>Actor.move</u>	11	0.017	0.016	
<u>cross</u>	1004	0.017	0.013	
<u>Plot</u> > <u>Plot.plotActorWaypoints</u>	6	0.016	0.006	
<u>getLaneMarkings</u>	1	0.016	0.011	
<u>isUnderlyingType</u>	1093	0.016	0.013	
<u>grid</u>	9	0.016	0.012	
<u>allchild</u>	13	0.016	0.011	
<u>ToolbarStateButton</u> > <u>ToolbarStateButton.ToolbarStateButton</u>	1	0.016	0.001	
<u>attributes</u> > <u>checkInputs</u>	37	0.016	0.008	
<u>getpref</u>	3	0.015	0.005	
<u>LaneType</u> > <u>LaneType.parse</u>	16	0.015	0.010	
<u>compositeLaneSpec</u> > <u>compositeLaneSpec.compositeLaneSpec</u>	1	0.015	0.001	
<u>ylabel</u>	3	0.015	0.003	
<u>javaclasspath</u> > <u>local_validate_dynamic_path</u>	1	0.015	0.004	
<u>Actor</u> > <u>Actor.visibleActors</u>	26	0.015	0.013	
<u>getpixelposition</u>	3	0.015	0.005	
<u>TrafficVehicle.TrafficVehicle</u> > <u>TrafficVehicle.get.Vehicle</u>	8669	0.014	0.014	
<u>graphics\private\claNotify</u>	12	0.014	0.012	
<u>wrapTo180</u>	1072	0.014	0.007	
<u>hold</u>	12	0.014	0.007	
<u>exploreaccessor</u> > <u>exploreaccessor.exploreaccessor</u>	6	0.013	0.004	
<u>...tainer</u> > <u>BaseAxesInteractionContainer.BaseAxesInteractionContainer</u>	4	0.013	0.008	
<u>uimode.createuimode</u>	3	0.013	0.004	
<u>validatestring</u>	70	0.013	0.003	
<u>lanespec</u> > <u>lanespec.set.Marking</u>	4	0.013	0.001	
<u>extendedObjectMesh</u> > <u>extendedObjectMesh.rotateQuat</u>	1	0.013	0.002	
<u>ActorPoses</u> > <u>ActorPoses.get.Pitch</u>	1825	0.013	0.013	
<u>lanespec</u> > <u>lanespec.validateMarking</u>	4	0.012	0.002	
<u>SystemProp.createVersionNumber</u>	2	0.012	0.007	
<u>MapLayer</u> > <u>MapLayer.setValueAtIndicesInternal</u>	26	0.012	0.003	
<u>targetsToScenario</u>	13	0.012	0.006	
<u>targetsToEgo</u> > <u>scenarioToEgoOrientation</u>	610	0.011	0.004	
<u>mustBeFinite</u>	7242	0.011	0.011	
<u>validateAxes</u>	6	0.011	0.008	
<u>LMFsolve</u>	1	0.011	0.001	
<u>Actor</u> > <u>Actor.set.EntryTime</u>	104	0.011	0.003	
<u>ToolbarController.ToolbarController</u> > <u>ToolbarController.ToolbarController</u>	4	0.011	0.009	
<u>close</u>	1	0.011	0.001	
<u>RoadNetwork</u> > <u>RoadNetwork.addRoadTile</u>	1	0.011	0.001	
<u>InteractionContainer</u> > <u>InteractionContainer.InteractionContainer</u>	54	0.011	0.009	
<u>validateEulerSequence</u>	1072	0.011	0.009	
<u>Plot</u> > <u>Plot.setView</u>	6	0.011	0.005	

<u>plotActorWaypoints</u>	4	0.011	0.004	
<u>tform2rotm</u>	1428	0.011	0.005	
<u>ActorPoses>ActorPoses.get.Roll</u>	1825	0.010	0.010	
<u>plottedit</u>	3	0.010	0.001	
<u>quaternionBase.rotatepoint</u>	1	0.010	0.004	
<u>...nvironment.TrafficEnvironment>TrafficEnvironment.close_connection</u>	1	0.010	0.008	
<u>MapInterface>MapInterface.setParser</u>	41	0.010	0.004	
<u>uitools\private\prefutils</u>	15	0.010	0.004	
<u>createListener</u>	30	0.010	0.010	
<u>PointerMixin>PointerMixin.updatePointer</u>	2	0.010	0.004	
<u>...ons>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes</u>	111	0.010	0.003	
<u>clothoidG2fitMissingCourse>@(x)clothresid(waypoints,x)</u>	1	0.010	0.000	
<u>extendedObjectMesh>extendedObjectMesh.join</u>	6	0.010	0.003	
<u>GetPixelPositionHelper>GetPixelPositionHelper.getPixelPositionHelper</u>	3	0.010	0.007	
<u>compositeLaneSpec>compositeLaneSpec.set.Connector</u>	2	0.010	0.000	
<u>isMatchingSize</u>	5666	0.010	0.010	
<u>clothoidG2fitMissingCourse>clothresid</u>	1	0.010	0.006	
<u>close>safegetchildren</u>	1	0.010	0.003	
<u>validateNumericMatrix</u>	1072	0.010	0.010	
<u>compositeLaneSpec>compositeLaneSpec.validateConnector</u>	2	0.010	0.005	
<u>..cenario\private\getActorsInRange>@(thisActor)eq(thisActor,egoActor)</u>	2184	0.010	0.010	
<u>CircularBuffer>CircularBuffer.setValueAtIndices</u>	26	0.009	0.002	
<u>MapInterface>MapInterface.world2gridImpl</u>	26	0.009	0.001	
<u>num2str>handleNumericPrecision</u>	133	0.009	0.001	
<u>targetsToEgo>scenarioToBodyRotator</u>	636	0.009	0.004	
<u>ActorDimensions>ActorDimensions.dimensions</u>	676	0.009	0.009	
<u>ZoomBehavior>ZoomBehavior.ZoomBehavior</u>	3	0.009	0.004	
<u>drivingScenario.drivingScenario>drivingScenario.set.AxesOrientation</u>	1	0.009	0.003	
<u>validateRoad</u>	1	0.009	0.006	
<u>ActorBase>ActorBase.egoToScenarioRotator</u>	3655	0.009	0.009	
<u>ActorDimensions>ActorDimensions.adjustFaces</u>	528	0.009	0.009	
<u>rotZ</u>	2049	0.009	0.007	
<u>javaclasspath>local_extract_jar_file_name</u>	812	0.009	0.007	
<u>validatestring>checkString</u>	70	0.009	0.008	
<u>SubscriptionResults>SubscriptionResults.reset</u>	224	0.009	0.009	
<u>cell.ismember</u>	1137	0.008	0.008	
<u>+internal\private\parseParameterInputsML</u>	2	0.008	0.005	
<u>num2str>convertUsingRecycledSprintf</u>	133	0.008	0.008	
<u>findToolbarModeButtonsByld</u>	12	0.008	0.008	
<u>AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane</u>	8	0.008	0.002	
<u>...teractionContainer>TextInteractionContainer.TextInteractionContainer</u>	50	0.008	0.002	
<u>MapUtils>MapUtils.showInputParser</u>	12	0.008	0.007	
<u>PointerMixin>PointerMixin.setPointerStrategy</u>	4	0.008	0.004	
<u>pchip</u>	2	0.008	0.004	
<u>RoadSegment>RoadSegment.modifyRoadSegmentPropertiesForMLS</u>	1	0.008	0.008	

Pivot>Pivot.set.Parent	3	0.008	0.001
generateArgumentDescriptor	37	0.008	0.007
ActorBase>ActorBase.set.PlotColor	148	0.008	0.003
TextInteractions>TextInteractions.createAndRegisterTextControl	259	0.008	0.003
..._arController.ToolbarController>ToolbarController.handleMouseMove	2	0.007	0.001
mustBeReal	6680	0.007	0.007
dclothoidwp>insert	7	0.007	0.005
ActorMesh>ActorMesh.get.Mesh	3612	0.007	0.007
strcat	4	0.007	0.007
num2str>strvrcat	146	0.007	0.004
RoadTile>RoadTile.isOverlapping	21	0.007	0.006
wrapTo360	1072	0.007	0.007
validateRotationMatrix	1428	0.007	0.007
SolidMarking>SolidMarking.set.Color	36	0.007	0.006
ActorDimensions>ActorDimensions.ActorDimensions	84	0.007	0.002
ControlManager>ControlManager.sendPVPairsToControl	111	0.007	0.007
validateColor	200	0.007	0.007
setListenerState	15	0.007	0.004
Storage>Storage.Storage	1782	0.007	0.007
removeDegenerateFaces	1	0.007	0.005
rotX	2049	0.007	0.005
rotY	2049	0.007	0.005
..._fiedAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations	115	0.007	0.007
RoadTile>RoadTile.linkTiles	999	0.007	0.007
MapInterface>MapInterface.getLocations	26	0.007	0.004
EgoVehicle.EgoVehicle>EgoVehicle.EgoVehicle	1	0.007	0.003
@drivingScenario\private\plotActorWaypoints	1	0.006	0.001
RandStream.RandStream>RandStream.RandStream	1	0.006	0.004
deg2rad	6953	0.006	0.006
AxesOrientation>AxesOrientation.validate	1	0.006	0.006
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	8	0.006	0.006
RandStream.RandStream>localGetSetGlobalStream	2	0.006	0.005
quaternion.quaternion>quaternion.quaternion	2	0.006	0.000
..._StackManager.ScribeStackManager>ScribeStackManager.findLayer	77	0.006	0.006
MapInterface>MapInterface.local2gridImpl	26	0.006	0.006
...,attr fname,'incorrectNumel',msgId,argname,argpos,isAttributeScalar)	12	0.006	0.002
view	6	0.006	0.003
dclothoidwp>optimize	21	0.006	0.005
mean	1000	0.006	0.005
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	111	0.006	0.006
quaternionBase.quaternionBase>quaternionBase.quaternionBase	2	0.006	0.001
objArrayDispatch	30	0.006	0.004
extendedObjectMesh>extendedObjectMesh.parseFirstInput	6	0.006	0.003
gobjects	54	0.006	0.006
int2str	164	0.006	0.006
..._haviorBase>PanAndZoomBehaviorBase.PanAndZoomBehaviorBase	6	0.006	0.005

<u>lanespec>lanespec.set.Type</u>	4	0.006	0.000	
<u>rng>getCurrentType</u>	1	0.006	0.001	
<u>ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)</u>	4	0.006	0.000	
<u>NameValueParser>NameValueParser.NameValueParser</u>	26	0.006	0.005	
<u>MapInterface>MapInterface.set.LocalOriginInWorld</u>	14	0.006	0.001	
<u>extendedObjectMesh>extendedObjectMesh.get.Vertices</u>	3761	0.006	0.006	
<u>fresnelg2</u>	4	0.005	0.001	
<u>ppval</u>	8	0.005	0.004	
<u>lanespec>lanespec.validateLaneTypes</u>	4	0.005	0.001	
<u>CircularBufferIndex>CircularBufferIndex.toBaseMatrixIndex</u>	26	0.005	0.003	
<u>colormap</u>	3	0.005	0.004	
<u>strsplit</u>	2	0.005	0.004	
<u>ScribeLayer.ScribeLayer>ScribeLayer.childAdded</u>	4	0.005	0.005	
<u>attributes>checkClass</u>	37	0.005	0.005	
<u>targetsToScenario>egoToScenarioOrientation</u>	181	0.005	0.002	
<u>mustBeNonzeroLengthText</u>	384	0.005	0.003	
<u>exploreaccessor>exploreaccessor.get.Enable</u>	12	0.005	0.000	
<u>getLaneMarkingsData</u>	4	0.005	0.005	
<u>quaternionBase.quaternionBase>partsFromConversion</u>	1	0.005	0.000	
<u>uitools\private\prefutils>loadPrefs</u>	3	0.005	0.004	
<u>rotParentToChild</u>	43	0.005	0.002	
<u>quaternionBase.quaternionBase>partsFromEulerd</u>	1	0.005	0.004	
<u>fileparts</u>	5	0.005	0.002	
<u>PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)</u>	4	0.005	0.000	
<u>mustBePositive</u>	2343	0.005	0.005	
<u>exploreaccessor>localGetEnable</u>	12	0.005	0.002	
<u>markFigure</u>	33	0.005	0.005	
<u>CircularBuffer>CircularBuffer.fillNewRegionsWithScalar</u>	13	0.005	0.005	
<u>MapInterface>MapInterface.setLocalOriginInWorld</u>	14	0.005	0.003	
<u>ActorPoses>ActorPoses.get.Yaw</u>	662	0.005	0.005	
<u>hgbehaviorfactory>localGetBehaviorInfo</u>	9	0.005	0.005	
<u>mustBeText</u>	394	0.004	0.003	
<u>cylinder</u>	1	0.004	0.004	
<u>TextInteractions>TextInteractions.getCanvas</u>	259	0.004	0.004	
<u>validators\private\listtext</u>	778	0.004	0.003	
<u>javaclasspath>local_get_static_path</u>	1	0.004	0.003	
<u>PostUpdatePlugin>PostUpdatePlugin.cacheLoad</u>	4	0.004	0.002	
<u>fresnelg2>fresnelgzero</u>	4	0.004	0.004	
<u>IconView>IconView.IconView</u>	3	0.004	0.004	
<u>@quaternionBase\private\prepRotate</u>	1	0.004	0.003	
<u>...(@isscalar,A,'scalar',fname,'expectedScalar',msgId,argname,argpos)</u>	25	0.004	0.002	
<u>RoadNetwork>RoadNetwork.cloneTiles</u>	1	0.004	0.004	
<u>ActorBase>ActorBase.get.PlotColor</u>	3612	0.004	0.004	
<u>RandStream.RandStream>RandStream.setGlobalStream</u>	1	0.004	0.000	
<u>...odeStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy</u>	4	0.004	0.004	

DashedMarking>DashedMarking.parse	24	0.004	0.004	
RoadNetwork>RoadNetwork.applyCompositeLaneTypes	4	0.004	0.004	
extendedObjectMesh>extendedObjectMesh.get.Faces	3624	0.004	0.004	
SubscriptionResults>SubscriptionResults.SubscriptionResults	148	0.004	0.004	
toolboxdir	2	0.004	0.001	
targetsToScenario>scenarioToBodyRotator	194	0.004	0.002	
...odeStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	4	0.004	0.004	
attributes>sizeTypeAttributor	12	0.004	0.004	
clothoidG1fit2wp	1	0.004	0.000	
FigureUtils>FigureUtils.isEditorEmbeddedFigure	111	0.004	0.004	
getMinExpectedNumber	2	0.004	0.000	
mustBeNumeric	2082	0.004	0.004	
ipermute	1004	0.004	0.004	
CircularBufferIndex>CircularBufferIndex.shift	13	0.004	0.003	
allchild>getchildren	13	0.003	0.003	
axescheck	13	0.003	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	124	0.003	0.003	
Actor>Actor.validateActorEntryTime	104	0.003	0.003	
linspace	57	0.003	0.003	
num2str>cellPrintf	146	0.003	0.003	
strjust	146	0.003	0.001	
...r/DesktopToolbarController>DesktopToolbarController.translateEvent	2	0.003	0.002	
mustBeMember	7	0.003	0.002	
packInt64	321	0.003	0.002	
hggetbehavior>localPeek	24	0.003	0.003	
isOSMFile	2	0.003	0.000	
laneSpecConnector>laneSpecConnector.laneSpecConnector	1	0.003	0.001	
surf2patch	1	0.003	0.003	
+mixin\private\getTaperValue	40	0.003	0.003	
CircularBufferIndex>CircularBufferIndex.wrapIndex	39	0.003	0.003	
MapInterface>MapInterface.get.XWorldLimits	131	0.003	0.001	
...esktopToolbarController>DesktopToolbarController.canShowToolbar	2	0.003	0.000	
...nvironment.TrafficEnvironment>TrafficEnvironment.read_json_config	2	0.003	0.002	
fullfile>refinePath	40	0.003	0.002	
pwch	2	0.003	0.003	
...StackManager.ScribeStackManager>ScribeStackManager.hasLayers	12	0.003	0.002	
repmat	16	0.003	0.002	
RandStream.RandStream>RandStream.getGlobalStream	1	0.003	0.000	
MapInterface>MapInterface.get.YWorldLimits	131	0.003	0.001	
PointerMixin>PointerMixin.hasDisabledInteractions	2	0.003	0.001	
attributes>valueAttributor	25	0.003	0.003	
InteractionContainer>InteractionContainer.get.Enabled	111	0.003	0.003	
CollisionGeometryBase>CollisionGeometryBase.get.Pose	1176	0.003	0.003	
readLeader	13	0.003	0.002	
IconView>IconView.set.Icon	2	0.003	0.001	
parseDimStruct	676	0.003	0.003	

<u>clothoidG1fit2</u>	1	0.002	0.000	
<u>rotChildToParent</u>	43	0.002	0.001	
<u>errorIf</u>	2165	0.002	0.002	
<u>uimode.uimode>uimode.set.WindowButtonDownFcn</u>	3	0.002	0.002	
<u>getLaneTypes</u>	1	0.002	0.002	
<u>fileparts>legacyPCExecution</u>	5	0.002	0.002	
<u>RandStream.RandStream>RandStream.subsref</u>	1	0.002	0.002	
<u>...ugin>@(sourceObj,evtData)obj,processInteractions(evtData.Canvas)</u>	1	0.002	0.000	
<u>binaryOccupancyMap>binaryOccupancyMap.getMapData</u>	12	0.002	0.001	
<u>SolidMarking>SolidMarking.parse</u>	8	0.002	0.002	
<u>view>ViewCore</u>	6	0.002	0.002	
<u>LaneMarking>LaneMarking.LaneMarking</u>	20	0.002	0.002	
<u>attributes>findSupportedAttr</u>	37	0.002	0.002	
<u>getDefaultCamera</u>	1	0.002	0.001	
<u>plotRoadBoundaries</u>	3	0.002	0.002	
<u>CircularBuffer>CircularBuffer.setBaseMatrixValueAtIndices</u>	26	0.002	0.002	
<u>AnnotationPane.AnnotationPane>AnnotationPane doGetChildren</u>	56	0.002	0.002	
<u>PostUpdatePlugin>PostUpdatePlugin.processInteractions</u>	1	0.002	0.001	
<u>MapInterface>MapInterface.removeFPE</u>	41	0.002	0.002	
<u>ToolbarController.ToolbarController>ToolbarController canShowToolbar</u>	2	0.002	0.001	
<u>hasuimode</u>	3	0.002	0.000	
<u>findall>showHiddenHandlesToFindAllHandles</u>	18	0.002	0.002	
<u>close</u>	1	0.002	0.001	
<u>strjust>strjustOnChar</u>	146	0.002	0.002	
<u>EgoVehicle.EgoVehicle>EgoVehicle.vehiclePolygonFun</u>	181	0.002	0.002	
<u>exploreaccessor>localGetFromMode</u>	78	0.002	0.002	
<u>isactiveuimode</u>	12	0.002	0.001	
<u>target</u>	165	0.002	0.002	
<u>clearNotify</u>	11	0.002	0.002	
<u>parseArgs</u>	6	0.002	0.002	
<u>PostUpdatePlugin>isAxesToolbarExcluded</u>	5	0.002	0.002	
<u>AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl</u>	8	0.002	0.002	
<u>fullfile>ensureTrailingFilesep</u>	40	0.002	0.001	
<u>general\private\javapathutils</u>	4	0.002	0.000	
<u>PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin</u>	4	0.002	0.002	
<u>exploreaccessor>exploreaccessor.get.FigureHandle</u>	42	0.002	0.001	
<u>clothoidG1fit2wp>fetchAgrad</u>	1	0.002	0.002	
<u>RandStream.RandStream>getargs</u>	1	0.002	0.002	
<u>unique</u>	1	0.002	0.001	
<u>binaryOccupancyMap>binaryOccupancyMap.getPropertyGroups</u>	1	0.002	0.001	
<u>uimodemanager.getMode</u>	15	0.002	0.002	
<u>MapInterface>MapInterface.validatePosition</u>	26	0.002	0.002	
<u>NameValueParser>NameValueParser.parameterValue</u>	78	0.002	0.002	
<u>MapInterface>MapInterface.world2localImpl</u>	26	0.002	0.002	
<u>FigureUtils>FigureUtils.isEditorSnapshotFigure</u>	111	0.002	0.002	

<u>ismember>ismemberBuiltInTypes</u>	149	0.002	0.002	
<u>axis>allAxes</u>	6	0.002	0.002	
<u>SharedMapProperties>SharedMapProperties.get.XWorldLimits</u>	143	0.002	0.002	
<u>general\private\javapathutils>localAbsolute</u>	2	0.002	0.001	
<u>isUIFigure</u>	17	0.002	0.002	
<u>resetTaperPosition</u>	1	0.002	0.001	
<u>getSettingsRoot</u>	8	0.002	0.002	
<u>MapLayer>MapLayer.get.DefaultValue</u>	27	0.002	0.001	
<u>axescheck>@(x)(isStringScalar(x) ischar(x))&&strcmpi('parent',x)</u>	14	0.002	0.001	
<u>SharedMapProperties>SharedMapProperties.get.YWorldLimits</u>	143	0.002	0.002	
<u>discretize</u>	4	0.002	0.002	
<u>isPublishingTest</u>	119	0.002	0.002	
<u>Actor>Actor.isActorSpawnValid</u>	84	0.002	0.002	
<u>binaryOccupancyMap>binaryOccupancyMap.postConstructSet</u>	1	0.002	0.002	
<u>MapInterface>MapInterface.counterFPECeil</u>	14	0.002	0.002	
<u>MapInterface>MapInterface.get.XLocalLimits</u>	15	0.002	0.001	
<u>mustBeNumericOrLogical</u>	1125	0.002	0.002	
<u>meshgrid</u>	26	0.002	0.002	
<u>lanespec>lanespec.validateMarkingWidth</u>	4	0.002	0.002	
<u>isUnderlyingType>isScalarText</u>	1093	0.002	0.002	
<u>dclothoidwp>endpointpadding</u>	28	0.002	0.002	
<u>quaternion.times</u>	2	0.002	0.002	
<u>Stationary>Stationary.Stationary</u>	84	0.002	0.001	
<u>Vehicle>Vehicle.updateOriginOffset</u>	232	0.001	0.001	
<u>MapInterface>MapInterface.get.YLocalLimits</u>	15	0.001	0.001	
<u>laneSpecConnector>laneSpecConnector.set.TaperShape</u>	1	0.001	0.001	
<u>dclothoidwp>midcurve</u>	28	0.001	0.001	
<u>MapLayer>MapLayer.getValueAllImpl</u>	12	0.001	0.001	
<u>mustBeInteger</u>	235	0.001	0.001	
<u>validatestring>checkInputs</u>	70	0.001	0.001	
<u>usejava</u>	8	0.001	0.001	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.set.Vehicle</u>	84	0.001	0.001	
<u>LaneType>LaneType.set.Color</u>	16	0.001	0.001	
<u>Button.Button>Button.set.Content</u>	2	0.001	0.001	
<u>fullfile>addTrailingFileSep</u>	40	0.001	0.001	
<u>isCharOrString</u>	66	0.001	0.001	
<u>clothoidG1fit2wp>fresnelg1</u>	1	0.001	0.000	
<u>MapInterface>MapInterface.counterFPEFloor</u>	13	0.001	0.001	
<u>mean>mysize</u>	1000	0.001	0.001	
<u>zoom.zoom>zoom.get.Motion</u>	12	0.001	0.001	
<u>...ndZoomBehaviorBase>PanAndZoomBehaviorBase.set.Constraint3D</u>	3	0.001	0.000	
<u>...anAndZoomBehaviorBase>PanAndZoomBehaviorBase.set.Version3D</u>	12	0.001	0.001	
<u>ToolbarValidator>ToolbarValidator.isValidIcon</u>	2	0.001	0.001	
<u>clothoidG1fit2>fresnelg1</u>	1	0.001	0.000	
<u>NameValueParser>NameValueParser.parse</u>	26	0.001	0.001	
<u>ButtonImage>ButtonImage>@(\d+);updateCache(\d+)</u>	2	0.001	0.000	

<u>ButtonImage.ButtonImage>(w(e,u))>.updateCache(e)</u>	<	0.001	0.000	
inpolygon>close_loops	13	0.001	0.001	
vararginToStruct	1	0.001	0.000	
uitools\private\prefutils>getFieldOptional	6	0.001	0.001	
Plot>deleteValid	18	0.001	0.001	
mustBeValidGraphicsObject	54	0.001	0.001	
ActorMesh>ActorMesh.initializeMesh	84	0.001	0.001	
validators\private\isCharRowVector	778	0.001	0.001	
ValidationHelper>ValidationHelper.ValidationHelper	2	0.001	0.001	
...interactionContainer>BaseAxesInteractionContainer.set.CurrentMode	12	0.001	0.001	
unique>uniqueR2012a	1	0.001	0.001	
findall>@()set(rootobj,'ShowHiddenHandles',Temp)	18	0.001	0.001	
PanBehavior>PanBehavior.PanBehavior	3	0.001	0.000	
RandStream.RandStream>RandStream.delete	1	0.001	0.001	
MapLayer>MapLayer.setValueMatrixImpl	15	0.001	0.001	
com.mathworks.jmi.ClassLoaderManager (Java method)	3	0.001	0.001	
SolidMarking>SolidMarking.set.Strength	32	0.001	0.001	
Actor>@(thisActor)eq(thisActor.isVisible,true)	610	0.001	0.001	
zoom.zoom>zoom.get.UIContextMenu	12	0.001	0.001	
Actor>Actor.restart	84	0.001	0.001	
SolidMarking>SolidMarking.set.Width	32	0.001	0.001	
mustBeGreaterThanOrEqualTo	7	0.001	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.checkValidity	5	0.001	0.001	
...nager.ScribeStackManager>ScribeStackManager.getDefaultCamera	1	0.001	0.000	
ButtonImage.ButtonImage>ButtonImage.updateCache	2	0.001	0.001	
clothoidG1fit2wp>fresnelgSmalla1	1	0.001	0.001	
clothoidG1fit2>fresnelgSmalla1	1	0.001	0.001	
PointerMixin>PointerMixin.isEnabled	2	0.001	0.000	
zoom.zoom>zoom.get.RightClickAction	12	0.001	0.000	
rmfield	3	0.001	0.001	
exploreaccessor>exploreaccessor.getButtonDownFilter	12	0.001	0.001	
f4Tof3	2	0.001	0.001	
extendedObjectMesh>extendedObjectMesh.processNumericInputs	4	0.001	0.001	
HGBehavior>HGBehavior.HGBehavior	9	0.001	0.001	
deal	15	0.001	0.001	
lanespec>lanespec.parse	4	0.001	0.001	
allchild>@()set(rootobj,'ShowHiddenHandles',Temp)	13	0.001	0.001	
PointerMixin>PointerMixin.getHitObject	2	0.001	0.001	
+internal\private\parseParameterInputsML>findParm	1	0.001	0.000	
zoom.zoom>zoom.get.Direction	12	0.001	0.000	
vararginToStruct>populateStructML	1	0.001	0.001	
join	2	0.001	0.001	
newplot>ObserveFigureNextPlot	12	0.001	0.001	
lanespec>lanespec.set.Width	4	0.001	0.000	
isWebAxes	6	0.001	0.001	
unmkpp	8	0.001	0.001	

<u>ButtonImage</u> . <u>ButtonImage</u> > <u>ButtonImage.set.ImageSource</u>	2	0.001	0.001	
<u>RoadTile</u> > <u>RoadTile.isAbutting</u>	21	0.001	0.001	
<u>PointerMixin</u> > <u>PointerMixin.createModeListener</u>	2	0.001	0.000	
<u>fullfile</u> > <u>fixIRI</u>	5	0.001	0.001	
<u>AnnotationPane</u> . <u>AnnotationPane</u> > <u>AnnotationPane.addChild</u>	8	0.001	0.001	
<u>uitools\private\prefutils</u> > <u>getPrefFile</u>	3	0.001	0.001	
<u>DataCursorBehavior</u> > <u>DataCursorBehavior.DataCursorBehavior</u>	3	0.001	0.001	
<u>SharedMapProperties</u> > <u>SharedMapProperties.get.XLocalLimits</u>	15	0.001	0.001	
<u>Plot</u> > <u>Plot.plotBarriers</u>	3	0.001	0.001	
<u>clothoidG1fit2</u> > <u>fetchA</u>	1	0.001	0.001	
<u>extendedObjectMesh</u> > <u>extendedObjectMesh.set.Faces</u>	6	0.001	0.001	
<u>validateRoad</u> > <u>parse</u>	1	0.001	0.001	
<u>gray</u>	3	0.001	0.001	
<u>...urePointerModeStrategy</u> > <u>FigurePointerModeStrategy.isModeEnabled</u>	2	0.001	0.001	
<u>SharedMapProperties</u> > <u>SharedMapProperties.get.YLocalLimits</u>	15	0.001	0.001	
<u>java.net.Socket</u> (Java method)	5	0.001	0.001	
<u>MapUtils</u> > <u>MapUtils.validateOccupancyValues</u>	26	0.001	0.001	
<u>zoom.zoom</u> > <u>localGetStyle</u>	12	0.001	0.001	
<u>RoadSegment</u> > <u>RoadSegment.getPositionBoundaries</u>	3	0.001	0.001	
<u>extendedObjectMesh</u> > <u>extendedObjectMesh.set.Vertices</u>	6	0.001	0.001	
<u>binaryOccupancyMap</u> > <u>binaryOccupancyMap.getValidators</u>	1	0.001	0.001	
<u>CanvasPlugin.CanvasPlugin</u> > <u>CanvasPlugin.getInstance</u>	4	0.001	0.001	
<u>java.net.InetSocketAddress</u> (Java method)	1	0.001	0.001	
<u>com.mathworks.hg.util.DeferToldleState.execute</u> (Java method)	5	0.001	0.001	
<u>strread</u>	1	0.001	0.001	
<u>+ mixin\private\iscrossing</u>	1	0.001	0.001	
<u>angle</u>	57	0.001	0.001	
<u>ValidationHelper</u> > <u>GetCodedDimensions</u>	2	0.001	0.001	
<u>uimode.uimode</u> > <u>uimode.set.KeyPressFcn</u>	3	0.001	0.000	
<u>Button.Button</u> > <u>Button.checkColorSpaceDependency</u>	3	0.001	0.001	
<u>mustBeLessThanOrEqual</u>	5	0.001	0.001	
<u>CircularBufferIndex</u> > <u>CircularBufferIndex.resetNewRegions</u>	13	0.001	0.001	
<u>strfun\private\strescape</u>	6	0.001	0.001	
<u>MotionStrategy</u> > <u>MotionStrategy.MotionStrategy</u>	84	0.001	0.001	
<u>validateAxesUIAxesHandle</u>	12	0.001	0.001	
<u>ToolbarController.ToolbarController</u> > <u>ToolbarController.isPlotEditMode</u>	2	0.001	0.001	
<u>...ointerModeStrategy</u> > <u>FigurePointerModeStrategy.createModeListener</u>	2	0.001	0.001	
<u>polyfun\private\chckxy</u>	2	0.001	0.001	
<u>LaneType</u> > <u>LaneType.set.Strength</u>	16	0.001	0.001	
<u>mustBeNonnegative</u>	105	0.001	0.001	
<u>ValidationHelper</u> > <u>ValidationHelper.validateSize</u>	2	0.001	0.000	
<u>+internal\private\parseParameterInputsML</u> > <u>findParmKernel</u>	1	0.001	0.001	
<u>...rserInterface</u> > <u>NameValueParserInterface.NameValueParserInterface</u>	26	0.001	0.001	
<u>MapInterface</u> > <u>MapInterface.get.GridSize</u>	68	0.001	0.001	
<u>zoom.zoom</u> > <u>localGetRightClickZoomOut</u>	12	0.001	0.001	
...	

<u>Stationary</u> > <u>Stationary.move</u>	11	0.001	0.001	
<u>exploreaccessor</u> > <u>exploreaccessor.get.ActionPreCallback</u>	12	0.001	0.000	
<u>DashedMarking</u> > <u>DashedMarking.set.Length</u>	12	0.001	0.001	
<u>laneSpecConnector</u> > <u>laneSpecConnector.validateTaperShape</u>	1	0.001	0.000	
<u>DashedMarking</u> > <u>DashedMarking.set.Space</u>	12	0.001	0.001	
<u>view</u> > <u>isAxesHandle</u>	6	0.001	0.001	
<u>PanAndZoomBehaviorBase</u> > <u>PanAndZoomBehaviorBase.dosupport</u>	6	0.001	0.001	
<u>exploreaccessor</u> > <u>exploreaccessor.get.ActionPostCallback</u>	12	0.001	0.000	
<u>MapLayer</u> > <u>MapLayer.getDefaultValueConversion</u>	27	0.001	0.001	
<u>MapInterface</u> > <u>MapInterface.calculateMapDimensions</u>	1	0.001	0.000	
<u>vectorizePlotlyAxes</u>	6	0.001	0.001	
<u>convertStringToCharArgs</u>	9	0.001	0.001	
<u>pathsep</u>	44	0.001	0.001	
<u>+internal\private\parseParameterInputsML>makeStruct</u>	1	0.001	0.001	
<u>LMFsolve</u> > <u>mulJt</u>	1	0.001	0.001	
<u>axis</u> > <u>iscartesian</u>	3	0.001	0.001	
<u>MapInterface</u> > <u>MapInterface.get.Resolution</u>	40	0.001	0.001	
<u>lanespec</u> > <u>lanespec.validateWidth</u>	4	0.001	0.001	
<u>PostUpdatePlugin</u> > <u>localGetCanvasContainingAncestor</u>	5	0.001	0.001	
<u>...ment.TrafficEnvironment</u> > <u>TrafficEnvironment.read_ego_configuration</u>	1	0.001	0.001	
<u>blanks</u>	5	0.001	0.001	
<u>zoom.zoom</u> > <u>localGetDirection</u>	12	0.001	0.001	
<u>zoom.zoom</u> > <u>localGetContextMenu</u>	12	0.001	0.001	
<u>...pToolbarController/DesktopToolbarController>isAxesToolbarExcluded</u>	2	0.001	0.001	
<u>uimode.setCallbackFcn</u>	9	0.001	0.001	
<u>isStringScalar</u>	14	0.001	0.001	
<u>cuboid</u>	1	0.001	0.000	
<u>MapInterface</u> > <u>MapInterface.validateLocationInput</u>	13	0.001	0.001	
<u>MapInterface</u> > <u>MapInterface.get.LocalOriginInWorld</u>	14	0.000	0.000	
<u>laneSpecConnector</u> > <u>laneSpecConnector.set.Position</u>	1	0.000	0.000	
<u>generateArgumentDescriptor</u> > <u>isCharOrString</u>	111	0.000	0.000	
<u>assert</u>	18	0.000	0.000	
<u>GetPixelPositionHelper</u> > <u>getparent</u>	3	0.000	0.000	
<u>...roller/DesktopToolbarController</u> > <u>DesktopToolbarController.getHitAxes</u>	2	0.000	0.000	
<u>Plot</u> > <u>Plot.set.ViewHeight</u>	5	0.000	0.000	
<u>InternalAccess</u> > <u>InternalAccess.InternalAccess</u>	148	0.000	0.000	
<u>...tackManager/ScribeStackManager</u> > <u>ScribeStackManager.getInstance</u>	4	0.000	0.000	
<u>Plot</u> > <u>Plot.set.ViewLocation</u>	5	0.000	0.000	
<u>uitools\private\allchildRootHelper</u>	13	0.000	0.000	
<u>const</u>	2	0.000	0.000	
<u>AxesOrientation</u> > <u>AxesOrientation.getOffset</u>	43	0.000	0.000	
<u>RandStream.RandStream</u> > <u>RandStream.algName</u>	1	0.000	0.000	
<u>BaseAxesInteractionContainer</u> > <u>BaseAxesInteractionContainer.set.is2d</u>	12	0.000	0.000	
<u>compositeLaneSpec</u> > <u>compositeLaneSpec.set.SegmentRange</u>	1	0.000	0.000	
<u>Road</u> > <u>Road.Road</u>	1	0.000	0.000	
<u>laneSpecConnector</u> > <u>laneSpecConnector.set.TaperLength</u>	2	0.000	0.000	

feul2qparts	1	0.000	0.000	
laneSpecConnector>laneSpecConnector.parse	1	0.000	0.000	
ToolbarFactory>ToolbarFactory.getInstance	4	0.000	0.000	
Plot>Plot.set.ViewPitch	5	0.000	0.000	
datenum	2	0.000	0.000	
cuboid>cuboidFaces	1	0.000	0.000	
opaque.char	2	0.000	0.000	
MapLayer>MapLayer.convertToGPUCPU	1	0.000	0.000	
Plot>Plot.set.Meshes	3	0.000	0.000	
cellstr	20	0.000	0.000	
ToolbarController.ToolbarController>ToolbarController.getCanvasFigure	2	0.000	0.000	
...ics.illustration.Legend') isa(obj,'matlab.graphics.illustration.ColorBar')	24	0.000	0.000	
MapLayer>MapLayer.getDataType	1	0.000	0.000	
CircularBuffer>CircularBuffer.CircularBuffer	1	0.000	0.000	
ActorPoses>ActorPoses.ActorPoses	84	0.000	0.000	
ChildEventData>ChildEventData.ChildEventData	4	0.000	0.000	
System>System.System	2	0.000	0.000	
uitools\private\prefutils>truncToMaxLength	6	0.000	0.000	
uimode.uimode>uimode.set.WindowButtonMotionFcn	3	0.000	0.000	
str2double	3	0.000	0.000	
repmat>checkSizesType	17	0.000	0.000	
ButtonImage.ButtonImage>ButtonImage.set.Layer	2	0.000	0.000	
uimode.uimode>uimode.set.WindowScrollWheelFcn	3	0.000	0.000	
general\private\catdirs	2	0.000	0.000	
...darCrossSection>ActorRadarCrossSection.ActorRadarCrossSection	84	0.000	0.000	
LaneBase>LaneBase.LaneBase	20	0.000	0.000	
compositeLaneSpec>compositeLaneSpec.validateSegmentRanges	1	0.000	0.000	
ActorMesh>ActorMesh.ActorMesh	84	0.000	0.000	
@drivingScenario\private\parseInputs>checkoutFirstAvailableLicense	1	0.000	0.000	
MapInterface>MapInterface.get.GridLocationInWorld	1	0.000	0.000	
mkpp	2	0.000	0.000	
PointerMixin>PointerMixin.getInvisibleAxes	4	0.000	0.000	
+internal\private\parseParameterInputsML>inputTypes	1	0.000	0.000	
DataCursorBehavior>DataCursorBehavior.dosupport	3	0.000	0.000	
graph3d\private\getMapContainer	3	0.000	0.000	
CircularBufferIndex>CircularBufferIndex.CircularBufferIndex	1	0.000	0.000	
compositeLaneSpec>compositeLaneSpec.parse	1	0.000	0.000	
ToolbarStateButton>ToolbarStateButton.setValue	1	0.000	0.000	
xyzcheck	1	0.000	0.000	
dfresnelg2	4	0.000	0.000	
fullfile>@(x)~iscell(x)&&isempty(x)	16	0.000	0.000	
laneSpecConnector>laneSpecConnector.validateTaperLength	2	0.000	0.000	
quaternionBase.normalize	1	0.000	0.000	
uitools\private\prefutils>checkAndConvertToCellVector	3	0.000	0.000	
Control>Control.Control	3	0.000	0.000	

pol2cart	1	0.000	0.000
isFigureShowEnabled	8	0.000	0.000
switchConnection	1	0.000	0.000
hasDisplay	8	0.000	0.000
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	4	0.000	0.000
plotLaneTypes	3	0.000	0.000
uimode.uimode>setMotionFcn	3	0.000	0.000
close>getEmptyHandleList	1	0.000	0.000
+internal\private\parseParameterInputsML>processOptions	1	0.000	0.000
Plot>Plot.set.Waypoints	2	0.000	0.000
javaclasspath>local_remove_pair_redundancies	1	0.000	0.000
setPointer	2	0.000	0.000
quaternion.reshape	1	0.000	0.000
Actor>Actor.validateEgoActor	2	0.000	0.000
...tData>ProcessInteractionsEventData.ProcessInteractionsEventData	2	0.000	0.000
uimodemanager.registerMode	3	0.000	0.000
polybool (MEX-file)	21	0.000	0.000
Button.Button>Button.set.FaceType	2	0.000	0.000
ImageSource>ImageSource.ImageSource	3	0.000	0.000
clothoidG2fitMissingCourse>partitionCourse	1	0.000	0.000
Plot>Plot.set.ViewRoll	3	0.000	0.000
quaternionBase.compact	1	0.000	0.000
uimode.uimode>uimode.isLiveEditorFigure	3	0.000	0.000
laneSpecConnector>laneSpecConnector.validatePosition	1	0.000	0.000
AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy	4	0.000	0.000
MapInterface>MapInterface.set.GridOriginInLocal	2	0.000	0.000
pchip>pchipSlopes	2	0.000	0.000
uimode.uimode>uimode.uimode	3	0.000	0.000
Plot>Plot.set.ViewYaw	3	0.000	0.000
Button.Button>Button.set.Layer	2	0.000	0.000
path>isValidInput	4	0.000	0.000
SharedMapProperties>SharedMapProperties.get.GridLocationInWorld	1	0.000	0.000
PointerModeStrategy>PointerModeStrategy.PointerModeStrategy	4	0.000	0.000
Button.Button>Button.set.BorderType	2	0.000	0.000
@drivingScenario\private\plotRoads	1	0.000	0.000
quaternionBase.conj	1	0.000	0.000
MapInterface>MapInterface.MapInterface	1	0.000	0.000
fullfile>replaceSingleDots	1	0.000	0.000
...ntroller.ToolbarController>ToolbarController.useInteractionFramework	2	0.000	0.000
Stationary>Stationary.restart	84	0.000	0.000
SharedMapProperties>SharedMapProperties.SharedMapProperties	1	0.000	0.000
ToolTipMixin>ToolTipMixin.ToolTipMixin	2	0.000	0.000
...ent.TrafficEnvironment>TrafficEnvironment.read_traffic_configuration	1	0.000	0.000
PointerMixin>PointerMixin.hasUserModifiedPointer	2	0.000	0.000
surf2patch>parseargs	1	0.000	0.000
general\private\javapathutils>localsIsURL	4	0.000	0.000

<u>SystemProp</u> . <u>SystemProp</u> > <u>SystemProp</u> . <u>SystemProp</u>	2	0.000	0.000	
<u>AxesOrientation</u> > <u>AxesOrientation</u> . <u>getAxesDir</u>	3	0.000	0.000	
<u>mpower</u>	1	0.000	0.000	
<u>CanvasPlugin</u> . <u>CanvasPlugin</u> > <u>CanvasPlugin</u> . <u>CanvasPlugin</u>	1	0.000	0.000	
<u>strfun</u> \private\isTextStrict	2	0.000	0.000	
<u>connect</u> >@(x)isnumeric(x)&&length(x)==1	2	0.000	0.000	
...ger.ScribeStackManager>ScribeStackManager.ScribeStackManager	1	0.000	0.000	
<u>uitools</u> \private\prefutils>checkGroup	3	0.000	0.000	
<u>IconView</u> > <u>IconView</u> . <u>addDecoration</u>	2	0.000	0.000	
<u>MapLayer</u> > <u>MapLayer</u> . <u>getDataTypeConversion</u>	1	0.000	0.000	
<u>InternalAccess</u> > <u>InternalAccess</u> . <u>InternalAccess</u>	4	0.000	0.000	
<u>MapInterface</u> > <u>MapInterface</u> . <u>get.GridOriginInLocal</u>	1	0.000	0.000	
...ogical'},{'scalar','nonempty','nonnan','real','finite'},methodName,name)	1	0.000	0.000	
+internal\private\parseParameterInputsML>parmMatchFunctions	1	0.000	0.000	
<u>quaternionBase</u> .isvector	1	0.000	0.000	
<u>PointerMixin</u> > <u>PointerMixin</u> . <u>PointerMixin</u>	4	0.000	0.000	
<u>MapInterface</u> > <u>MapInterface</u> . <u>isaLayer</u>	1	0.000	0.000	
<u>java.io.File</u> (Java method)	6	0.000	0.000	
<u>IconView</u> > <u>IconView</u> . <u>set.Selected</u>	1	0.000	0.000	
+internal\private\parseParameterInputsML>isCaseInsensitiveMatch	1	0.000	0.000	
<u>dclothoidwp</u> >packageMATLAB	1	0.000	0.000	
<u>quaternionBase</u> .numel	1	0.000	0.000	
<u>close</u> >checkfigs	1	0.000	0.000	
<u>const</u> >@()(varargin{1})	2	0.000	0.000	
..afficEnvironment.TrafficEnvironment>TrafficEnvironment.set.StopTime	1	0.000	0.000	
<u>ToolbarStateButton</u> > <u>ToolbarStateButton</u> . <u>get.Value</u>	1	0.000	0.000	
...rks.jmi.ClassLoaderManager.getClassLoaderManager (Java method)	3	0.000	0.000	
<u>close</u> >request_close	1	0.000	0.000	
<u>pwd</u>	1	0.000	0.000	
<u>MapInterface</u> > <u>MapInterface</u> . <u>getValRefFrameValueFcn</u>	2	0.000	0.000	
<u>binaryOccupancyMap</u> > <u>binaryOccupancyMap</u> . <u>getDefaultDefaultValue</u>	1	0.000	0.000	
...dedObjectMesh>extendedObjectMesh.getListOfSupportedPrimitives	2	0.000	0.000	
...orks.jmi.OpaqueJavaInterface.enableClassReloading (Java method)	1	0.000	0.000	
<u>ToolbarController</u> . <u>ToolbarController</u> > <u>ToolbarController</u> . <u>getHitAxes</u>	2	0.000	0.000	
<u>CustomDisplay</u> > <u>CustomDisplay</u> . <u>CustomDisplay</u>	1	0.000	0.000	
<u>Socket</u> > <u>Socket</u> . <u>Socket</u>	1	0.000	0.000	
<u>MapInterface</u> > <u>MapInterface</u> . <u>getInvalidNVPairFcn</u>	1	0.000	0.000	
<u>java.net.InetAddress</u> . <u>getByName</u> (Java method)	1	0.000	0.000	
<u>MapInterface</u> > <u>MapInterface</u> . <u>getValResolutionFcn</u>	1	0.000	0.000	
<u>MapInterface</u> > <u>MapInterface</u> . <u>getValLayerNameFcn</u>	1	0.000	0.000	
<u>binaryOccupancyMap</u> > <u>binaryOccupancyMap</u> . <u>getDefaultLayerName</u>	1	0.000	0.000	
<u>Message</u> > <u>Message</u> . <u>Message</u>	1	0.000	0.000	
<u>allowHalfInputs</u>	2	0.000	0.000	
<u>isConst</u>	1	0.000	0.000	
+internal\private\parseParameterInputsML>returnTrue	1	0.000	0.000	

java.lang.System.getProperty (Java method)	1	0.000	0.000	
allowEnumInputs	2	0.000	0.000	
clothoidG1fit2wp>coefs25	1	0.000	0.000	
clothoidG1fit2>coefs25	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.