

Profile Summary (Total time: 11.500 s)

Generated 06-Aug-2021 15:03:44 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
<u>TestSensors</u>	1	11.485	0.404	
<u>..afficEnvironment.TrafficEnvironment>TrafficEnvironment.deploy_traffic</u>	2	4.284	0.002	
<u>..afficEnvironment.TrafficEnvironment>TrafficEnvironment.create_traffic</u>	2	4.094	0.052	
<u>TrafficEnvironment.TrafficEnvironment>TrafficEnvironment.stepImpl</u>	12	3.604	0.011	
<u>...ironment.TrafficEnvironment>TrafficEnvironment.update_all_vehicles</u>	13	2.954	0.011	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.spawn_vehicle</u>	133	1.636	0.128	
<u>EgoVehicle.EgoVehicle>EgoVehicle.synchronize</u>	13	1.575	0.002	
<u>EgoVehicle.EgoVehicle>EgoVehicle.update_observations</u>	13	1.545	0.004	
<u>drivingScenario.advance</u>	11	1.504	1.143	
<u>EgoVehicle.EgoVehicle>EgoVehicle.update_occupancy_grid</u>	13	1.419	0.063	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.synchronize</u>	923	1.374	0.027	
<u>sendExact</u>	1593	1.308	0.160	
<u>HighwayStraight</u>	1	1.224	0.235	
<u>simulationStep</u>	145	0.993	0.027	
<u>Actor>Actor.chasePlot</u>	3	0.962	0.005	
<u>drivingScenario.plot</u>	3	0.957	0.004	
<u>...vironment.TrafficEnvironment>TrafficEnvironment.TrafficEnvironment</u>	1	0.934	0.016	
<u>readSubscription</u>	914	0.921	0.331	
<u>java.io.DataOutputStream (Java method)</u>	3187	0.839	0.839	
<u>sendReadOneStringCmd</u>	963	0.824	0.008	
<u>step</u>	12	0.798	0.001	
<u>checkResult</u>	976	0.783	0.030	
<u>getUniversal</u>	691	0.694	0.039	
<u>Plot>Plot.Plot</u>	3	0.678	0.001	
<u>Plot>Plot.setupGraphics</u>	3	0.665	0.172	
<u>start</u>	1	0.603	0.016	
<u>drivingScenario.road</u>	1	0.589	0.017	
<u>RoadNetwork>RoadNetwork.addRoadSegment</u>	1	0.540	0.004	
<u>SubscriptionResults>SubscriptionResults.add</u>	7312	0.514	0.229	
<u>dos</u>	1	0.514	0.514	
<u>Plot>Plot.plotActors</u>	43	0.506	0.018	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.update_dsd_vehicle_states</u>	914	0.501	0.180	
<u>plotActors</u>	43	0.488	0.366	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.subscribe_to_sumo_vehicle</u>	133	0.435	0.013	
<u>subscribe</u>	133	0.422	0.033	
<u>subscribe</u>	133	0.382	0.111	
<u>@drivingScenario\private\plotActors</u>	85	0.364	0.003	
<u>@drivingScenario\private\moveActors</u>	11	0.314	0.002	
<u>...Environment.TrafficEnvironment>TrafficEnvironment.configure_traffic</u>	1	0.306	0.002	
<u>add</u>	133	0.303	0.047	
<u>mont TrafficEnvironment>TrafficEnvironment.configure_ego_Vehicles</u>	1	0.202	0.001	

<code>...ment.TrafficEnvironment>TrafficEnvironment.configure_ego_vehicles</code>	1	0.302	0.004	
<code>...ironment.TrafficEnvironment>TrafficEnvironment.create_ego_vehicle</code>	1	0.296	0.084	
<code>recvExact</code>	1593	0.288	0.143	
<code>SubscriptionResults>SubscriptionResults.parse</code>	7312	0.285	0.161	
<code>EgoVehicle.EgoVehicle>EgoVehicle.update_grid_visualization</code>	12	0.264	0.011	
<code>getTime</code>	266	0.251	0.006	
<code>close</code>	1	0.249	0.001	
<code>getUniversal</code>	268	0.248	0.018	
<code>binaryOccupancyMap>binaryOccupancyMap.show</code>	12	0.240	0.026	
<code>zoom</code>	6	0.223	0.035	
<code>collisionMesh>collisionMesh.collisionMesh</code>	133	0.222	0.003	
<code>getIDList</code>	159	0.215	0.001	
<code>close>request_close</code>	1	0.213	0.004	
<code>drivingScenario.drivingScenario>drivingScenario.drivingScenario</code>	1	0.213	0.008	
<code>EgoVehicle.EgoVehicle>EgoVehicle.create_binary_grid</code>	1	0.204	0.109	
<code>MapUtils>MapUtils.showGrid</code>	12	0.203	0.085	
<code>...nt.TrafficEnvironment>TrafficEnvironment.create_chase_visualization</code>	1	0.203	0.002	
<code>closereq</code>	3	0.201	0.123	
<code>drivingScenario.vehicle</code>	71	0.200	0.022	
<code>...vironment.TrafficEnvironment>TrafficEnvironment.reset_environment</code>	2	0.188	0.009	
<code>...Vehicle.TrafficVehicle>TrafficVehicle.extract_sumo_vehicle_states2D</code>	914	0.184	0.085	
<code>collisionMesh>collisionMesh.updateGeometry</code>	133	0.184	0.183	
<code>...TrafficEnvironment>TrafficEnvironment.create_random_visualization</code>	1	0.176	0.002	
<code>Vehicle>Vehicle.Vehicle</code>	71	0.174	0.002	
<code>Actor>Actor.Actor</code>	71	0.172	0.007	
<code>RoadNetwork>RoadNetwork.applyLaneMarkings</code>	1	0.169	0.013	
<code>lanespec>lanespec.lanespec</code>	4	0.168	0.003	
<code>ActorDimensions>ActorDimensions.scaleMesh</code>	603	0.167	0.014	
<code>ActorBase>ActorBase.ActorBase</code>	71	0.162	0.006	
<code>PostUpdatePlugin>PostUpdatePlugin.doCacheLoad</code>	1	0.158	0.047	
<code>EgoVehicle.EgoVehicle>EgoVehicle.filter_obstacles_binary_grid</code>	13	0.155	0.030	
<code>TrafficVehicle.TrafficVehicle>TrafficVehicle.update_collisionMesh_pose</code>	914	0.155	0.045	
<code>TrafficVehicle.TrafficVehicle>TrafficVehicle.check_if_exists_on_dsd</code>	1056	0.154	0.117	
<code>+mixin\private\applyMarkerStyles</code>	20	0.154	0.007	
<code>getIDList</code>	4	0.153	0.006	
<code>Storage>Storage.read</code>	65381	0.152	0.152	
<code>@drivingScenario\private\parseInputs</code>	1	0.151	0.132	
<code>CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas</code>	4	0.148	0.021	
<code>getUniversal</code>	4	0.147	0.135	
<code>zoom>locGetMode</code>	12	0.146	0.014	
<code>extendedObjectMesh>extendedObjectMesh.scaleToFit</code>	603	0.145	0.051	
<code>lanespec>lanespec.validate</code>	4	0.145	0.036	
<code>...ropertiesInitializableInConstructor.PropertiesInitializableInConstructor</code>	74	0.141	0.038	
<code>getTypeID</code>	133	0.136	0.005	
<code>TrafficVehicle.TrafficVehicle>TrafficVehicle.despawn_actor</code>	71	0.133	0.009	
<code>graph2d\private\labelcheck</code>	9	0.127	0.002	

<u>Actor>Actor.targetPoses</u>	26	0.127	0.039	
<u>addpath</u>	2	0.126	0.005	
<u>Storage>Storage.readString</u>	13475	0.125	0.057	
<u>graph2d\private\labelcheck>local_validlabelobj</u>	9	0.125	0.078	
<u>RoadNetwork>RoadNetwork.getLanedSegmentBoundaries</u>	1	0.124	0.002	
<u>EgoVehicle.EgoVehicle>EgoVehicle.compute_leader</u>	13	0.122	0.013	
<u>path</u>	2	0.120	0.095	
<u>java.io.DataInputStream (Java method)</u>	1594	0.120	0.120	
<u>getHeight</u>	133	0.118	0.001	
<u>getLength</u>	133	0.118	0.001	
<u>xlabel</u>	3	0.118	0.009	
<u>Plot>Plot.plotRoads</u>	3	0.118	0.014	
<u>getWidth</u>	133	0.115	0.001	
<u>inpoly2</u>	26	0.114	0.013	
<u>CollisionGeometryBase>CollisionGeometryBase.set_Pose</u>	1207	0.113	0.004	
<u>+mixin\private\applyDashedMarker</u>	12	0.113	0.113	
<u>Storage>Storage.readStringList</u>	1077	0.112	0.015	
<u>CollisionGeometryBase>CollisionGeometryBase.updatePose</u>	1207	0.110	0.016	
<u>setColor</u>	133	0.108	0.005	
<u>imagedesc</u>	12	0.106	0.036	
<u>RoadNetwork>RoadNetwork.mergeRoads</u>	1	0.104	0.000	
<u>RoadNetwork>RoadNetwork.advanceToOverlap</u>	1	0.104	0.003	
<u>RoadNetwork>RoadNetwork.getOverlap</u>	1000	0.101	0.094	
<u>inpoly2_mat</u>	26	0.101	0.101	
<u>RoadNetwork>RoadNetwork.addRoadBorders</u>	1	0.101	0.047	
<u>binaryOccupancyMap>binaryOccupancyMap.binaryOccupancyMap</u>	1	0.094	0.001	
<u>MapLayer>MapLayer.MapLayer</u>	1	0.087	0.026	
<u>RoadSegment>RoadSegment.RoadSegment</u>	1	0.084	0.007	
<u>Actor>Actor.currentLane</u>	927	0.083	0.010	
<u>EgoVehicle.EgoVehicle>EgoVehicle.extract_ideal_observations</u>	13	0.083	0.010	
<u>carMesh</u>	133	0.078	0.006	
<u>+scenario\private\getRoadSegmentParameters</u>	1	0.077	0.013	
<u>tform2quat</u>	1207	0.073	0.007	
<u>...barButton.AxesToolbarButton>AxesToolbarButton.AxesToolbarButton</u>	2	0.072	0.003	
<u>ToolbarPushButton>ToolbarPushButton.ToolbarPushButton</u>	1	0.072	0.015	
<u>newplot</u>	12	0.070	0.008	
<u>...dAxesInteractions>UnifiedAxesInteractions.createDefaultInteractions</u>	113	0.069	0.045	
<u>Actor>Actor.set_ExitTime</u>	994	0.068	0.010	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.reset_vehicle_dsd</u>	80	0.068	0.034	
<u>+scenario\private\getWheelMesh</u>	1	0.066	0.002	
<u>CanvasSetup>CanvasSetup.createScribeLayers</u>	4	0.065	0.019	
<u>remove</u>	71	0.063	0.005	
<u>ActorBase>ActorBase.scenarioFacesMeshes</u>	3053	0.062	0.041	
<u>beginMessage</u>	1313	0.061	0.051	
<u>getSubscriptionResults</u>	1828	0.060	0.016	

<u>extenaeaObjectivesn>extenaeaObjectivesn.enforceScalar</u>	2424	0.060	0.021	
<u>ToolbarFactory>ToolbarFactory.getToolbar</u>	4	0.060	0.021	
<u>binaryOccupancyMap>binaryOccupancyMap.move</u>	13	0.059	0.002	
<u>laneType</u>	16	0.058	0.021	
<u>sendByteCmd</u>	71	0.058	0.003	
<u>binaryOccupancyMap>binaryOccupancyMap.parseGridVsMatrix</u>	1	0.057	0.030	
<u>newplot>ObserveAxesNextPlot</u>	12	0.056	0.006	
<u>+scenario\private\getActorsInRange</u>	26	0.055	0.047	
<u>RoadNetwork>RoadNetwork.RoadNetwork</u>	1	0.054	0.054	
<u>clothoidG2fitMissingCourse</u>	1	0.054	0.000	
<u>clothoidG2fitMissingCourse>fitPartialCourse</u>	1	0.054	0.000	
<u>clothoidG2fitMissingCourse>fillPartitions</u>	1	0.053	0.000	
<u>clothoidG2fitMissingCourse>fitCourse</u>	1	0.053	0.024	
<u>attributes</u>	37	0.053	0.008	
<u>isprop</u>	1380	0.052	0.013	
<u>rotm2quat</u>	1207	0.052	0.046	
<u>connect</u>	1	0.051	0.019	
<u>laneMarking</u>	20	0.051	0.014	
<u>cla</u>	12	0.050	0.005	
<u>+scenario\private\getCurrentLane</u>	927	0.050	0.050	
<u>ActorPoses>ActorPoses.set.Yaw</u>	994	0.049	0.010	
<u>hgetbehavior</u>	24	0.049	0.004	
<u>extendedObjectMesh>extendedObjectMesh.translate</u>	1210	0.049	0.022	
<u>ismember</u>	1194	0.048	0.016	
<u>... eStackManager.ScribeStackManager>ScribeStackManager.getLayer</u>	17	0.048	0.005	
<u>ActorDimensions>ActorDimensions.set.Length</u>	133	0.047	0.002	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.update_metadata</u>	914	0.047	0.025	
<u>plotLaneMarkings</u>	3	0.047	0.047	
<u>ToolbarController.ToolbarController>@(e,d)obj.delete()</u>	4	0.046	0.013	
<u>RoadTile>RoadTile.RoadTile</u>	1000	0.046	0.024	
<u>Actor>Actor.updateTrajectory</u>	1074	0.046	0.007	
<u>Storage>Storage.readDouble</u>	4334	0.045	0.022	
<u>hgetbehavior>localGet</u>	18	0.044	0.010	
<u>SubscriptionResults>SubscriptionResults.get</u>	1828	0.044	0.040	
<u>flipr</u>	29083	0.044	0.044	
<u>num2str</u>	2226	0.044	0.021	
<u>Storage>Storage.readInt</u>	4090	0.041	0.020	
<u>binaryOccupancyMap>binaryOccupancyMap.setOccupancy</u>	41	0.040	0.002	
<u>extendedObjectMesh>extendedObjectMesh.extendedObjectMesh</u>	6	0.039	0.003	
<u>ActorMesh>ActorMesh.set.Mesh</u>	133	0.039	0.002	
<u>isprop>hasProp</u>	1380	0.039	0.039	
<u>ActorDimensions>ActorDimensions.set.Height</u>	133	0.039	0.002	
<u>... oller/DesktopToolbarController>DesktopToolbarController.getInstance</u>	4	0.038	0.001	
<u>binaryOccupancyMap>binaryOccupancyMap.setMapData</u>	41	0.038	0.006	
<u>... tackManager.ScribeStackManager>ScribeStackManager.createLayer</u>	12	0.038	0.008	
<u>drivingScenario.updatePlots</u>	2	0.038	0.000	

<u>axis</u>	6	0.038	0.025	
..._oolbarController>DesktopToolbarController.DesktopToolbarController	4	0.038	0.013	
<u>rng</u>	1	0.037	0.001	
<u>eul2rotm</u>	914	0.037	0.019	
RoadSegment>RoadSegment.getTaperedRoadSegmentBoundaries	1	0.037	0.004	
<u>drivingScenario.restart</u>	1	0.037	0.001	
@drivingScenario\private\restartActors	1	0.036	0.002	
...artesianAxesInteractionContainer.CartesianAxesInteractionContainer	4	0.036	0.010	
...isionGeometryBase>CollisionGeometryBase.CollisionGeometryBase	133	0.035	0.005	
<u>close>safegetchildren</u>	1	0.035	0.010	
AxesToolbarButton.AxesToolbarButton>AxesToolbarButton.set.Icon	2	0.035	0.011	
<u>ActorDimensions>ActorDimensions.set.Width</u>	133	0.034	0.002	
+mixin\private\applySolidMarker	8	0.034	0.034	
<u>extendedObjectMesh>extendedObjectMesh.parseInputs</u>	6	0.034	0.002	
EgoVehicle.EgoVehicle>EgoVehicle.spawn_vehicle	2	0.034	0.001	
<u>zlabel</u>	3	0.034	0.024	
...olbarController.ToolbarController>@({d})obj.handleMouseMotion({d})	3	0.033	0.001	
ToolbarController.ToolbarController>ToolbarController.delete	4	0.032	0.013	
...ktopToolbarController>DesktopToolbarController.handleMouseMotion	3	0.032	0.006	
<u>ismember>ismemberR2012a</u>	1194	0.032	0.014	
<u>Socket>Socket.connect</u>	1	0.032	0.030	
<u>javaaddpath</u>	1	0.031	0.010	
<u>hgbehaviorfactory</u>	9	0.031	0.001	
+scenario\private\roadDistanceToCenterAndLeft	4	0.031	0.017	
<u>zoom>locGetObj</u>	6	0.031	0.003	
<u>graphics\private\clo</u>	12	0.031	0.029	
<u>uigettool</u>	12	0.031	0.007	
<u>Button.Button>Button.Button</u>	3	0.030	0.016	
<u>RoadNetwork>RoadNetwork.applyLaneTypes</u>	1	0.030	0.002	
<u>hgbehaviorfactory>localCreate</u>	9	0.030	0.014	
<u>getuimode</u>	12	0.030	0.005	
<u>extendedObjectMesh>extendedObjectMesh.rotate</u>	1	0.029	0.000	
<u>MapLayer>MapLayer.move</u>	13	0.029	0.011	
<u>extendedObjectMesh>extendedObjectMesh.rotateypr</u>	1	0.029	0.010	
<u>findall</u>	18	0.028	0.021	
<u>MapInterface>MapInterface.moveParser</u>	13	0.028	0.018	
<u>uimode</u>	3	0.027	0.010	
<u>uigetmodemanager</u>	30	0.027	0.008	
<u>MapUtils>MapUtils.parseGridVsMatrix</u>	1	0.027	0.001	
<u>zoom.setAxesZoomConstraint</u>	3	0.027	0.002	
<u>extendedObjectMesh>extendedObjectMesh.scale</u>	604	0.026	0.012	
<u>Plot>Plot.shrinkZLimits</u>	3	0.026	0.022	
<u>ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer</u>	12	0.026	0.015	
...standardAxesInteractionContainer.StandardAxesInteractionContainer	4	0.026	0.013	
TrafficVehicle.TrafficVehicle>TrafficVehicle.check_if_exists_on_sumo	923	0.025	0.006	

<u>MapLayer>MapLayer.parseGridInitialization</u>	1	0.025	0.000	
<u>javaclasspath</u>	3	0.025	0.000	
<u>javaclasspath>local_javapath</u>	3	0.025	0.006	
<u>...erface.subsetValidator(supersetDefaults,subsetValidators,varargin{:})</u>	1	0.025	0.000	
<u>MapInterface>MapInterface.subsetValidator</u>	1	0.025	0.008	
<u>genpath</u>	37	0.025	0.018	
<u>RoadNetwork>RoadNetwork.getMarkingVertices</u>	1	0.024	0.006	
<u>extendedObjectMesh>extendedObjectMesh.processPrimitiveInputs</u>	2	0.024	0.006	
<u>ActorPoses>ActorPoses.orient</u>	994	0.024	0.012	
<u>RoadNetwork>RoadNetwork.closestRoadTile</u>	927	0.023	0.023	
<u>attributes>checkAttrs</u>	37	0.023	0.010	
<u>DrivingLaneType>DrivingLaneType.DrivingLaneType</u>	16	0.023	0.001	
<u>plotRoadTiles</u>	3	0.023	0.023	
<u>...olbarButton.AxesToolbarButton>AxesToolbarButton.setStandardIcon</u>	2	0.023	0.003	
<u>general\private\parsedirs</u>	4	0.022	0.022	
<u>zoom.setAxes3DPanAndZoomStyle</u>	6	0.022	0.003	
<u>getVersion</u>	1	0.022	0.007	
<u>ToolbarController.ToolbarController>@(e,d)obj.handleFigureDelete(e)</u>	1	0.022	0.000	
<u>zoom.zoom>zoom.zoom</u>	6	0.022	0.009	
<u>LaneType>LaneType.LaneType</u>	16	0.022	0.004	
<u>MapLayer>MapLayer.setValueAtIndicesWorldImpl</u>	26	0.022	0.001	
<u>...arController.ToolbarController>ToolbarController.handleFigureDelete</u>	1	0.022	0.022	
<u>Storage>Storage.readLength</u>	1891	0.021	0.007	
<u>getLeader</u>	13	0.021	0.005	
<u>tform2trvec</u>	1207	0.021	0.013	
<u>SolidMarking>SolidMarking.SolidMarking</u>	20	0.020	0.006	
<u>packInt32</u>	3441	0.020	0.014	
<u>RandStream.RandStream>RandStream.shuffleSeed</u>	1	0.020	0.003	
<u>drivingScenario.roadBoundaries</u>	16	0.019	0.001	
<u>getpref</u>	3	0.019	0.005	
<u>uimodemanager.uimodemanager>uimodemanager.uimodemanager</u>	3	0.019	0.011	
<u>EgoVehicle.EgoVehicle>EgoVehicle.despawn_actor</u>	1	0.019	0.001	
<u>Plot>Plot.calculateUnitsPerPixel</u>	3	0.019	0.005	
<u>co.edu.unalmed.gaunal.traci4matlab.utils.DataReader (Java method)</u>	1594	0.019	0.019	
<u>RoadNetwork>RoadNetwork.roadBorders</u>	16	0.018	0.014	
<u>...>@(result)typecast([fliplr(result.read(8)),fliplr(result.read(8))],'double')</u>	914	0.018	0.009	
<u>fullfile</u>	40	0.018	0.008	
<u>validateHomogeneousTransform</u>	3621	0.018	0.018	
<u>mustBeUnderlyingType</u>	924	0.018	0.004	
<u>setdiff</u>	2	0.018	0.001	
<u>dclothoidwp</u>	1	0.018	0.001	
<u>ButtonImage.ButtonImage>ButtonImage.ButtonImage</u>	3	0.018	0.002	
<u>setAxes3DPanAndZoomStyle</u>	6	0.018	0.004	
<u>DashedMarking>DashedMarking.DashedMarking</u>	12	0.017	0.005	
<u>...oolbarButton.AxesToolbarButton>AxesToolbarButton.makelconPaths</u>	2	0.017	0.000	
<u>AxesToolbarButton.AxesToolbarButton>makelconPath</u>	2	0.017	0.005	

<u>dclothoidwp>cloth</u>	1	0.017	0.004
<u>+mixin\private\getLaneMarkerVertices</u>	20	0.017	0.017
<u>setdiff>setdiffR2012a</u>	2	0.017	0.013
<u>cross</u>	1004	0.017	0.013
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.TrafficVehicle</u>	71	0.017	0.014
<u>ismember>ismemberClassTypes</u>	1060	0.017	0.017
<u>Actor>Actor.validateActorExitTime</u>	994	0.017	0.017
<u>targetsToEgo</u>	26	0.017	0.007
<u>validateDataType</u>	6	0.017	0.015
<u>ToolbarStateButton>ToolbarStateButton.ToolbarStateButton</u>	1	0.017	0.001
<u>now</u>	2	0.016	0.016
<u>LaneType>LaneType.parse</u>	16	0.016	0.011
<u>attributes>checkInputs</u>	37	0.016	0.008
<u>cylinder</u>	1	0.016	0.000
<u>cylinder>cylinderFaces</u>	1	0.016	0.007
<u>getLaneMarkings</u>	1	0.016	0.011
<u>parseParameterInputs</u>	1	0.016	0.009
<u>grid</u>	9	0.016	0.012
<u>allchild</u>	13	0.016	0.011
<u>Plot>Plot.plotActorWaypoints</u>	6	0.015	0.006
<u>compositeLaneSpec>compositeLaneSpec.compositeLaneSpec</u>	1	0.015	0.001
<u>ylabel</u>	3	0.015	0.003
<u>timer.timer>timer.delete</u>	2	0.014	0.004
<u>getpixelposition</u>	3	0.014	0.005
<u>uitools\private\prefutils</u>	15	0.014	0.004
<u>uimode.createuimode</u>	3	0.014	0.005
<u>javaclasspath>local_validate_dynamic_path</u>	1	0.014	0.004
<u>Actor>Actor.move</u>	11	0.014	0.013
<u>PointerMixin>PointerMixin.updatePointer</u>	3	0.014	0.005
<u>isUnderlyingType</u>	924	0.014	0.012
<u>graphics\private\claNotify</u>	12	0.013	0.012
<u>exploreaccessor>exploreaccessor.exploreaccessor</u>	6	0.013	0.004
<u>validatestring</u>	70	0.013	0.003
<u>lanespec>lanespec.set.Marking</u>	4	0.013	0.001
<u>extendedObjectMesh>extendedObjectMesh.rotateQuat</u>	1	0.013	0.002
<u>hold</u>	12	0.013	0.007
<u>lanespec>lanespec.validateMarking</u>	4	0.013	0.002
<u>ToolbarController.ToolbarController>ToolbarController.ToolbarController</u>	4	0.013	0.011
<u>...tainer>BaseAxesInteractionContainer.BaseAxesInteractionContainer</u>	4	0.012	0.008
<u>SystemProp.createVersionNumber</u>	2	0.012	0.007
<u>wrapTo180</u>	914	0.012	0.006
<u>...teractionContainer>TextInteractionContainer.TextInteractionContainer</u>	50	0.012	0.006
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.get.Vehicle</u>	7405	0.012	0.012
<u>MapLayer>MapLayer.setValueAtIndicesInternal</u>	26	0.012	0.003
<u>LMFsolve</u>	1	0.011	0.001

<u>validateAxes</u>	6	0.011	0.008	
<u>Plot>Plot.setView</u>	6	0.011	0.005	
<u>quaternionBase.rotatepoint</u>	1	0.010	0.004	
<u>ActorPoses>ActorPoses.get.Pitch</u>	1372	0.010	0.010	
<u>RoadNetwork>RoadNetwork.addRoadTile</u>	1	0.010	0.001	
<u>... arController.ToolbarController>ToolbarController.handleMouseMove</u>	3	0.010	0.002	
<u>InteractionContainer>InteractionContainer.InteractionContainer</u>	54	0.010	0.009	
<u>extendedObjectMesh>extendedObjectMesh.join</u>	6	0.010	0.003	
<u>clothoidG2fitMissingCourse>@(x)clothresid(waypoints,x)</u>	1	0.010	0.000	
<u>targetsToScenario</u>	13	0.010	0.005	
<u>plotedit</u>	3	0.010	0.001	
<u>compositeLaneSpec>compositeLaneSpec.set.Connector</u>	2	0.010	0.000	
<u>clothoidG2fitMissingCourse>clothresid</u>	1	0.010	0.006	
<u>createListener</u>	30	0.010	0.010	
<u>...nvironment.TrafficEnvironment>TrafficEnvironment.close_connection</u>	1	0.010	0.008	
<u>...ons>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes</u>	113	0.010	0.003	
<u>mustBeFinite</u>	6177	0.010	0.010	
<u>compositeLaneSpec>compositeLaneSpec.validateConnector</u>	2	0.010	0.005	
<u>GetPixelPositionHelper>GetPixelPositionHelper.getPixelPositionHelper</u>	3	0.010	0.007	
<u>Actor>Actor.set.EntryTime</u>	80	0.009	0.003	
<u>validateEulerSequence</u>	914	0.009	0.008	
<u>tform2rotm</u>	1207	0.009	0.005	
<u>ZoomBehavior>ZoomBehavior.ZoomBehavior</u>	3	0.009	0.004	
<u>Actor>Actor.visibleActors</u>	26	0.009	0.008	
<u>plotActorWaypoints</u>	4	0.009	0.003	
<u>drivingScenario.drivingScenario>drivingScenario.set.AxesOrientation</u>	1	0.009	0.003	
<u>CircularBuffer>CircularBuffer.setValueAtIndices</u>	26	0.009	0.002	
<u>validateRoad</u>	1	0.009	0.006	
<u>uitools\private\prefutils>loadPrefs</u>	3	0.009	0.008	
<u>PointerMixin>PointerMixin.setPointerStrategy</u>	4	0.009	0.005	
<u>MapInterface>MapInterface.setParser</u>	41	0.009	0.003	
<u>MapInterface>MapInterface.world2gridImpl</u>	26	0.009	0.001	
<u>ActorPoses>ActorPoses.get.Roll</u>	1372	0.009	0.009	
<u>validatestring>checkString</u>	70	0.009	0.008	
<u>isMatchingSize</u>	4815	0.008	0.008	
<u>findToolbarModeButtonsById</u>	12	0.008	0.008	
<u>close>request_close_helper</u>	6	0.008	0.004	
<u>AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane</u>	8	0.008	0.002	
<u>validateNumericMatrix</u>	914	0.008	0.008	
<u>num2str>handleNumericPrecision</u>	120	0.008	0.001	
<u>..cenario\private\getActorsInRange>@(thisActor)eq(thisActor,egoActor)</u>	1846	0.008	0.008	
<u>ActorDimensions>ActorDimensions.dimensions</u>	603	0.008	0.008	
<u>generateArgumentDescriptor</u>	37	0.008	0.007	
<u>RoadSegment>RoadSegment.modifyRoadSegmentPropertiesForMLS</u>	1	0.008	0.008	
<u>pchip</u>	2	0.008	0.004	

<u>ActorBase>ActorBase.egoToScenarioRotator</u>	3090	0.008	0.008
<u>Plot>Plot.set.Parent</u>	3	0.008	0.001
<u>ActorDimensions>ActorDimensions.adjustFaces</u>	470	0.008	0.008
<u>SubscriptionResults>SubscriptionResults.reset</u>	207	0.008	0.008
<u>targetsToEgo>scenarioToEgoOrientation</u>	339	0.007	0.003
<u>javaclasspath>local_extract_jar_file_name</u>	812	0.007	0.006
<u>TextInteractions>TextInteractions.createAndRegisterTextControl</u>	266	0.007	0.003
<u>num2str>convertUsingRecycledSprintf</u>	120	0.007	0.007
<u>cell.ismember</u>	957	0.007	0.007
<u>dclothoidwp>insert</u>	7	0.007	0.005
<u>EgoVehicle.EgoVehicle>EgoVehicle.EgoVehicle</u>	1	0.007	0.003
<u>SolidMarking>SolidMarking.set.Color</u>	36	0.007	0.006
<u>RoadTile>RoadTile.isOverlapping</u>	21	0.007	0.006
<u>strcat</u>	4	0.007	0.007
<u>+internal\private\parseParameterInputsML</u>	2	0.007	0.004
<u>MapUtils>MapUtils.showInputParser</u>	12	0.007	0.006
<u>rotZ</u>	1499	0.007	0.005
<u>ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)</u>	4	0.007	0.001
<u>RoadTile>RoadTile.linkTiles</u>	999	0.007	0.007
<u>ActorBase>ActorBase.set.PlotColor</u>	133	0.007	0.002
<u>num2str>strvrcat</u>	131	0.007	0.004
<u>ControlManager>ControlManager.sendPVPairsToControl</u>	113	0.006	0.006
<u>setListenerState</u>	15	0.006	0.003
<u>mustBeReal</u>	5684	0.006	0.006
<u>RandStream.RandStream>RandStream.RandStream</u>	1	0.006	0.004
<u>quaternion.quaternion>quaternion.quaternion</u>	2	0.006	0.000
<u>AnnotationPane.AnnotationPane>AnnotationPane.doSetup</u>	8	0.006	0.005
<u>AxesOrientation>AxesOrientation.validate</u>	1	0.006	0.006
<u>...fiedAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations</u>	117	0.006	0.006
<u>extendedObjectMesh>extendedObjectMesh.parseFirstInput</u>	6	0.006	0.003
<u>validateColor</u>	185	0.006	0.006
<u>wrapTo360</u>	914	0.006	0.006
<u>mean</u>	1000	0.006	0.005
<u>ActorDimensions>ActorDimensions.ActorDimensions</u>	71	0.006	0.002
<u>ScribeLayer.ScribeLayer>ScribeLayer.childAdded</u>	4	0.006	0.006
<u>RandStream.RandStream>localGetSetGlobalStream</u>	2	0.006	0.005
<u>targetsToEgo>scenarioToBodyRotator</u>	365	0.006	0.003
<u>quaternionBase.quaternionBase>quaternionBase.quaternionBase</u>	2	0.006	0.001
<u>view</u>	6	0.006	0.003
<u>Storage>Storage.Storage</u>	1593	0.006	0.006
<u>validateRotationMatrix</u>	1207	0.006	0.006
<u>...StackManager.ScribeStackManager>ScribeStackManager.findLayer</u>	77	0.006	0.006
<u>...,attr,fname,'incorrectNumel',msgId,argname,argpos,isAttributeScalar)</u>	12	0.006	0.002
<u>dclothoidwp>optimize</u>	21	0.006	0.005
<u>objArrayDispatch</u>	30	0.006	0.004
<u>ActorMesh>ActorMesh.get.Mesh</u>	3053	0.006	0.006

gobjects	54	0.006	0.006
timercb	2	0.006	0.001
...haviorBase>PanAndZoomBehaviorBase.PanAndZoomBehaviorBase	6	0.006	0.005
binaryOccupancyMap>binaryOccupancyMap.postConstructSet	1	0.006	0.006
rng>getCurrentType	1	0.006	0.001
lanespec>lanespec.set.Type	4	0.006	0.000
MapInterface>MapInterface.local2gridImpl	26	0.006	0.006
FadeTimer>FadeTimer.delete	1	0.006	0.001
MapInterface>MapInterface.getLocations	26	0.005	0.004
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	113	0.005	0.005
@drivingScenario\private\plotActorWaypoints	1	0.005	0.001
NameValueParser>NameValueParser.NameValueParser	26	0.005	0.005
attributes>checkClass	37	0.005	0.005
MapInterface>MapInterface.set.LocalOriginInWorld	14	0.005	0.001
ppval	8	0.005	0.004
com.mathworks.timer.TimerTask (Java method)	9	0.005	0.005
lanespec>lanespec.validateLaneTypes	4	0.005	0.001
CircularBufferIndex>CircularBufferIndex.toBaseMatrixIndex	26	0.005	0.003
quaternionBase.quaternionBase>partsFromConversion	1	0.005	0.000
fresnelg2	4	0.005	0.001
rotX	1499	0.005	0.004
colormap	3	0.005	0.004
rotY	1499	0.005	0.004
strsplit	2	0.005	0.003
exploreaccessor>exploreaccessor.get.Enable	12	0.005	0.000
int2str	147	0.005	0.005
getLaneMarkingsData	4	0.005	0.005
quaternionBase.quaternionBase>partsFromEulerd	1	0.005	0.004
deg2rad	4935	0.005	0.005
javaclasspath>local_get_static_path	1	0.005	0.004
exploreaccessor>localGetEnable	12	0.005	0.002
extendedObjectMesh>extendedObjectMesh.get.Vertices	3187	0.005	0.005
fileparts	5	0.005	0.002
hgbehaviorfactory>localGetBehaviorInfo	9	0.004	0.004
markFigure	33	0.004	0.004
MapInterface>MapInterface.setLocalOriginInWorld	14	0.004	0.003
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	4	0.004	0.001
rotParentToChild	43	0.004	0.002
...(@isscalar,A,'scalar',fname,'expectedScalar',msgId,argname,argpos)	25	0.004	0.002
mustBeNonzeroLengthText	341	0.004	0.002
mustBeText	351	0.004	0.002
CircularBuffer>CircularBuffer.fillNewRegionsWithScalar	13	0.004	0.004
mltimerpackage	2	0.004	0.002
TextInteractions>TextInteractions.getCanvas	266	0.004	0.004
unique	3	0.004	0.002

cylinder	1	0.004	0.003	
..._esktopToolbarController>DesktopToolbarController.canShowToolbar	3	0.004	0.000	
timer.stop	3	0.004	0.003	
mustBePositive	2032	0.004	0.004	
@quaternionBase\private\prepRotate	1	0.004	0.003	
... r.DesktopToolbarController>DesktopToolbarController.translateEvent	3	0.004	0.003	
RoadNetwork>RoadNetwork.cloneTiles	1	0.004	0.004	
DashedMarking>DashedMarking.parse	24	0.004	0.004	
toolboxdir	2	0.004	0.001	
IconView>IconView.IconView	3	0.004	0.004	
PointerMixin>PointerMixin.hasDisabledInteractions	3	0.004	0.001	
fresnelg2>fresnelgzero	4	0.004	0.004	
RandStream.RandStream>RandStream.setGlobalStream	1	0.004	0.000	
RoadNetwork>RoadNetwork.applyCompositeLaneTypes	4	0.004	0.004	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	4	0.004	0.002	
...odeStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	4	0.004	0.004	
validators\private\listext	692	0.004	0.003	
targetsToScenario>egoToScenarioOrientation	84	0.004	0.002	
clothoidG1fit2wp	1	0.004	0.000	
attributes>sizeTypeAttributor	12	0.004	0.004	
ipermute	1004	0.004	0.004	
...odeStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	4	0.004	0.004	
ActorPoses>ActorPoses.get.Yaw	391	0.004	0.004	
SubscriptionResults>SubscriptionResults.SubscriptionResults	133	0.004	0.004	
extendedObjectMesh>extendedObjectMesh.get.Faces	3065	0.004	0.004	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	124	0.003	0.003	
mustBeMember	7	0.003	0.002	
ActorBase>ActorBase.get.PlotColor	3053	0.003	0.003	
linspace	57	0.003	0.003	
allchild>getchildren	13	0.003	0.003	
isOSMFile	2	0.003	0.000	
FigureUtils>FigureUtils.isEditorEmbeddedFigure	113	0.003	0.003	
CircularBufferIndex>CircularBufferIndex.shift	13	0.003	0.003	
laneSpecConnector>laneSpecConnector.laneSpecConnector	1	0.003	0.001	
+mixin\private\getTaperValue	40	0.003	0.003	
axescheck	13	0.003	0.002	
hggetbehavior>localPeek	24	0.003	0.003	
ToolbarController.ToolbarController>ToolbarController.canShowToolbar	3	0.003	0.002	
fullfile>refinePath	40	0.003	0.002	
num2str>cellPrintf	131	0.003	0.003	
packInt64	291	0.003	0.002	
uimode.createuimode>@(obj,evd)(localDelete(hThis))	3	0.003	0.000	
Actor>Actor.validateActorEntryTime	80	0.003	0.003	
CircularBufferIndex>CircularBufferIndex.wrapIndex	39	0.003	0.003	
strjust	131	0.003	0.001	
surf2patch	1	0.003	0.003	

getMinExpectedNumber	2	0.003	0.000	
pwch	2	0.003	0.003	
uimode.createuimode>localDelete	3	0.003	0.002	
mustBeNumeric	1779	0.003	0.003	
readLeader	13	0.003	0.002	
...nvironment.TrafficEnvironment>TrafficEnvironment.read_json_config	2	0.003	0.002	
targetsToScenario>scenarioToBodyRotator	97	0.003	0.002	
MapInterface>MapInterface.get.XWorldLimits	131	0.003	0.001	
...StackManager.ScribeStackManager>ScribeStackManager.hasLayers	12	0.003	0.002	
attributes>valueAttributor	25	0.003	0.003	
RandStream.RandStream>RandStream.getGlobalStream	1	0.003	0.000	
IIconView>IIconView.set.Icon	2	0.003	0.001	
repmat	16	0.003	0.002	
unique>uniqueR2012a	3	0.003	0.003	
MapInterface>MapInterface.get.YWorldLimits	131	0.002	0.001	
mltimerpackage>remove	2	0.002	0.002	
clothoidG1fit2	1	0.002	0.000	
InteractionContainer>InteractionContainer.get.Enabled	113	0.002	0.002	
getLaneTypes	1	0.002	0.002	
RandStream.RandStream>RandStream.subsref	1	0.002	0.002	
uimode.uimode>uimode.set.WindowButtonDownFcn	3	0.002	0.002	
SolidMarking>SolidMarking.parse	8	0.002	0.002	
getDefaultCamera	1	0.002	0.001	
general\private\javapathutils	4	0.002	0.000	
view>ViewCore	6	0.002	0.002	
LaneMarking>LaneMarking.LaneMarking	20	0.002	0.002	
attributes>findSupportedAttr	37	0.002	0.002	
parseDimStruct	603	0.002	0.002	
binaryOccupancyMap>binaryOccupancyMap.getMapData	12	0.002	0.001	
rotChildToParent	43	0.002	0.001	
general\private\javapathutils>localAbsolute	2	0.002	0.001	
plotRoadBoundaries	3	0.002	0.002	
...ugin>@(sourceObj,evtData)obj,processInteractions(evtData.Canvas)	1	0.002	0.000	
AnnotationPane.AnnotationPane>AnnotationPane.doGetChildren	56	0.002	0.002	
findall>showHiddenHandlesToFindAllHandles	18	0.002	0.002	
CollisionGeometryBase>CollisionGeometryBase.get.Pose	994	0.002	0.002	
removeDegenerateFaces	1	0.002	0.001	
fileparts>legacyPCExecution	5	0.002	0.002	
MapInterface>MapInterface.removeFPE	41	0.002	0.002	
errorIf	1838	0.002	0.002	
exploreaccessor>localGetFromMode	78	0.002	0.002	
CircularBuffer>CircularBuffer.setBaseMatrixValueAtIndices	26	0.002	0.002	
isactiveuimode	12	0.002	0.001	
exploreaccessor>exploreaccessor.get.FigureHandle	42	0.002	0.001	
fullfile>ensureTrailingFilesep	40	0.002	0.001	

hasuimode	3	0.002	0.000
parseArgs	6	0.002	0.002
PostUpdatePlugin>PostUpdatePlugin.processInteractions	1	0.002	0.001
...r.ScribeLayer>@(src,event)hObj.childRemovedOrDeleted(src,event)	4	0.002	0.001
clothoidG1fit2wp>fetchAgrad	1	0.002	0.002
AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl	8	0.002	0.002
RandStream.RandStream>getargs	1	0.002	0.002
uimodemanager.getMode	15	0.002	0.002
clearNotify	11	0.002	0.002
strjust>strjustOnChar	131	0.002	0.002
PostUpdatePlugin>isAxesToolbarExcluded	5	0.002	0.002
axis>allAxes	6	0.002	0.002
PointerMixin>PointerMixin.getHitObject	3	0.002	0.001
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	4	0.002	0.002
NameValueParser>NameValueParser.parameterValue	78	0.002	0.002
close	1	0.002	0.001
binaryOccupancyMap>binaryOccupancyMap.getPropertyGroups	1	0.002	0.001
isUIFigure	18	0.002	0.002
EgoVehicle.EgoVehicle>EgoVehicle.vehiclePolygonFun	84	0.002	0.002
FigureUtils>FigureUtils.isEditorSnapshotFigure	113	0.002	0.002
resetTaperPosition	1	0.002	0.001
ismember>ismemberBuiltinTypes	134	0.002	0.002
target	150	0.002	0.002
MapInterface>MapInterface.world2localImpl	26	0.002	0.002
getSettingsRoot	8	0.002	0.002
SharedMapProperties>SharedMapProperties.get.XWorldLimits	143	0.002	0.002
discretize	4	0.002	0.002
MapLayer>MapLayer.getDefaultValue	27	0.002	0.001
MapInterface>MapInterface.validatePosition	26	0.002	0.002
meshgrid	26	0.002	0.002
quaternion.times	2	0.002	0.002
MapInterface>MapInterface.get.XLocalLimits	15	0.002	0.001
isPublishingTest	121	0.002	0.002
MapInterface>MapInterface.counterFPECeil	14	0.002	0.002
SharedMapProperties>SharedMapProperties.get.YWorldLimits	143	0.002	0.002
PointerMixin>PointerMixin.isEnabled	3	0.002	0.000
laneSpecConnector>laneSpecConnector.set.TaperShape	1	0.001	0.001
dclothoidwp>endpointpadding	28	0.001	0.001
mean>mysize	1000	0.001	0.001
axescheck>@(x)(isStringScalar(x) ischar(x))&&strcmpi('parent',x)	14	0.001	0.001
Actor>Actor.isActorSpawnValid	71	0.001	0.001
MapInterface>MapInterface.get.YLocalLimits	15	0.001	0.001
LaneType>LaneType.set.Color	16	0.001	0.001
lanespec>lanespec.validateMarkingWidth	4	0.001	0.001
validatestring>checkInputs	70	0.001	0.001
Scribble over Scribble over Scribble over data	12	0.001	0.001

<u>ScribeLayer.ScribeLayer>ScribeLayer.delete</u>	12	0.001	0.001	
<u>dclothoidwp>midcurve</u>	28	0.001	0.001	
<u>fullfile>addTrailingFileSep</u>	40	0.001	0.001	
<u>ScribeLayer.ScribeLayer>ScribeLayer.childRemovedOrDeleted</u>	4	0.001	0.001	
<u>Button.Button>Button.set.Content</u>	2	0.001	0.001	
<u>mustBeInteger</u>	207	0.001	0.001	
<u>Vehicle>Vehicle.updateOriginOffset</u>	204	0.001	0.001	
<u>Stationary>Stationary.Stationary</u>	71	0.001	0.001	
<u>clothoidG1fit2wp>fresnelg1</u>	1	0.001	0.000	
<u>usejava</u>	8	0.001	0.001	
<u>MapLayer>MapLayer.getValueAllImpl</u>	12	0.001	0.001	
<u>zoom.zoom>zoom.get.Motion</u>	12	0.001	0.001	
<u>zoom.zoom>@(obj,evd)(delete(hThis))</u>	63	0.001	0.001	
<u>mustBeNumericOrLogical</u>	956	0.001	0.001	
<u>isCharOrString</u>	66	0.001	0.001	
<u>...ndZoomBehaviorBase>PanAndZoomBehaviorBase.set.Constraint3D</u>	3	0.001	0.000	
<u>ButtonImage.ButtonImage>@(e,d)obj.updateCache(e)</u>	2	0.001	0.000	
<u>ToolbarValidator>ToolbarValidator.isValidIcon</u>	2	0.001	0.001	
<u>isUnderlyingType>IsScalarText</u>	924	0.001	0.001	
<u>NameValueParser>NameValueParser.parse</u>	26	0.001	0.001	
<u>clothoidG1fit2>fresnelg1</u>	1	0.001	0.000	
<u>..anAndZoomBehaviorBase>PanAndZoomBehaviorBase.set.Version3D</u>	12	0.001	0.001	
<u>MapInterface>MapInterface.counterFPEFloor</u>	13	0.001	0.001	
<u>Plot>deleteValid</u>	18	0.001	0.001	
<u>findall>@()set(rootobj,'ShowHiddenHandles',Temp)</u>	18	0.001	0.001	
<u>uitools\private\prefutils>getFieldOptional</u>	6	0.001	0.001	
<u>TrafficVehicle.TrafficVehicle>TrafficVehicle.set.Vehicle</u>	71	0.001	0.001	
<u>mustBeValidGraphicsObject</u>	54	0.001	0.001	
<u>PanBehavior>PanBehavior.PanBehavior</u>	3	0.001	0.000	
<u>...nteractionContainer>BaseAxesInteractionContainer.set.CurrentMode</u>	12	0.001	0.001	
<u>ValidationHelper>ValidationHelper.ValidationHelper</u>	2	0.001	0.000	
<u>PointerMixin>PointerMixin.createModeListener</u>	3	0.001	0.000	
<u>MapLayer>MapLayer.setValueMatrixImpl</u>	15	0.001	0.001	
<u>RandStream.RandStream>RandStream.delete</u>	1	0.001	0.001	
<u>zoom.zoom>zoom.get.UIContextMenu</u>	12	0.001	0.001	
<u>...nager.ScribeStackManager>ScribeStackManager.getDefaultCamera</u>	1	0.001	0.000	
<u>zoom.zoom>zoom.get.RightClickAction</u>	12	0.001	0.000	
<u>SolidMarking>SolidMarking.set.Width</u>	32	0.001	0.001	
<u>allchild>@()set(rootobj,'ShowHiddenHandles',Temp)</u>	13	0.001	0.001	
<u>clothoidG1fit2wp>fresnelgSmalla1</u>	1	0.001	0.001	
<u>vararginToStruct</u>	1	0.001	0.000	
<u>validators\private\isCharRowVector</u>	692	0.001	0.001	
<u>SolidMarking>SolidMarking.set.Strength</u>	32	0.001	0.001	
<u>...urePointerModeStrategy>FigurePointerModeStrategy.isModeEnabled</u>	3	0.001	0.001	
<u>mustBeGreaterThanOrEqual</u>	7	0.001	0.001	
<u>lanespec>lanespec.parse</u>	4	0.001	0.001	

<u>Actor>Actor.restart</u>	71	0.001	0.001	
<u>f4Tof3</u>	2	0.001	0.001	
<u>ActorMesh>ActorMesh.initializeMesh</u>	71	0.001	0.001	
<u>rmfield</u>	3	0.001	0.001	
<u>extendedObjectMesh>extendedObjectMesh.processNumericInputs</u>	4	0.001	0.001	
<u>clothoidG1fit2>fresnelgSmalla1</u>	1	0.001	0.001	
<u>ButtonImage(ButtonImage>ButtonImage.updateCache</u>	2	0.001	0.001	
<u>exploreaccessor>exploreaccessor.getButtonDownFilter</u>	12	0.001	0.001	
<u>com.mathworks.jmi.ClassLoaderManager (Java method)</u>	3	0.001	0.001	
<u>HGBehavior>HGBehavior.HGBehavior</u>	9	0.001	0.001	
<u>zoom.zoom>zoom.get.Direction</u>	12	0.001	0.000	
<u>ToolbarController.ToolbarController>ToolbarController.isPlotEditMode</u>	3	0.001	0.001	
<u>deal</u>	15	0.001	0.001	
<u>ScribeLayer.ScribeLayer>ScribeLayer.checkValidity</u>	5	0.001	0.001	
<u>lanespec>lanespec.set.Width</u>	4	0.001	0.000	
<u>newplot>ObserveFigureNextPlot</u>	12	0.001	0.001	
<u>ButtonImage(ButtonImage>ButtonImage.set.ImageSource</u>	2	0.001	0.001	
<u>join</u>	2	0.001	0.001	
<u>extendedObjectMesh>extendedObjectMesh.set.Faces</u>	6	0.001	0.001	
<u>+internal\private\parseParameterInputsML>findParm</u>	1	0.001	0.000	
<u>unmkpp</u>	8	0.001	0.001	
<u>AnnotationPane.AnnotationPane>AnnotationPane.addChild</u>	8	0.001	0.001	
<u>fullfile>fixIRI</u>	5	0.001	0.001	
<u>RoadTile>RoadTile.isAbutting</u>	21	0.001	0.001	
<u>isWebAxes</u>	6	0.001	0.001	
<u>FadeTimer>FadeTimer.stop</u>	1	0.001	0.000	
<u>Plot>Plot.plotBarriers</u>	3	0.001	0.001	
<u>uitools\private\prefutils>getPrefFile</u>	3	0.001	0.001	
<u>vararginToStruct>populateStructML</u>	1	0.001	0.001	
<u>DataCursorBehavior>DataCursorBehavior.DataCursorBehavior</u>	3	0.001	0.001	
<u>SharedMapProperties>SharedMapProperties.get.XLocalLimits</u>	15	0.001	0.001	
<u>clothoidG1fit2>fetchA</u>	1	0.001	0.001	
<u>uimodemanager.uimodemanager>@(obj,evt)(localDelete(hThis))</u>	3	0.001	0.000	
<u>timer.eq</u>	2	0.001	0.001	
<u>AxesToolbar.AxesToolbar>AxesToolbar.delete</u>	1	0.001	0.000	
<u>SharedMapProperties>SharedMapProperties.get.YLocalLimits</u>	15	0.001	0.001	
<u>validateRoad>parse</u>	1	0.001	0.001	
<u>uimode.uimode>uimode.set.KeyPressFcn</u>	3	0.001	0.000	
<u>gray</u>	3	0.001	0.001	
<u>timer.timer>timer.getJobs</u>	8	0.001	0.001	
<u>Actor>@(thisActor)eq(thisActor.isVisible,true)</u>	339	0.001	0.001	
<u>extendedObjectMesh>extendedObjectMesh.set.Vertices</u>	6	0.001	0.001	
<u>PointerMixin>PointerMixin.getInvisibleAxes</u>	6	0.001	0.001	
<u>RoadSegment>RoadSegment.getPositionBoundaries</u>	3	0.001	0.001	
<u>zoom.zoom>localGetStyle</u>	12	0.001	0.001	
...

<u>binaryOccupancyMap>binaryOccupancyMap.getValidators</u>	1	0.001	0.001	
<u>gcbf</u>	6	0.001	0.001	
<u>java.net.InetSocketAddress (Java method)</u>	1	0.001	0.001	
<u>.._roller/DesktopToolbarController>DesktopToolbarController.getHitAxes</u>	3	0.001	0.001	
<u>strread</u>	1	0.001	0.001	
<u>...ointerModeStrategy>FigurePointerModeStrategy.createModeListener</u>	3	0.001	0.001	
<u>+mixin\private\iscrossing</u>	1	0.001	0.001	
<u>MapUtils>MapUtils.validateOccupancyValues</u>	26	0.001	0.001	
<u>angle</u>	57	0.001	0.001	
<u>mustBeLessThanOrEqualTo</u>	5	0.001	0.001	
<u>ValidationHelper>GetCodedDimensions</u>	2	0.001	0.001	
<u>CircularBufferIndex>CircularBufferIndex.resetNewRegions</u>	13	0.001	0.001	
<u>strfun\private\strescape</u>	6	0.001	0.001	
<u>uimodemanager.uimodemanager>localDelete</u>	3	0.001	0.001	
<u>java.net.Socket (Java method)</u>	5	0.001	0.001	
<u>LaneType>LaneType.set.Strength</u>	16	0.001	0.001	
<u>ValidationHelper>ValidationHelper.validateSize</u>	2	0.001	0.000	
<u>..._pToolbarController/DesktopToolbarController>isAxesToolbarExcluded</u>	3	0.001	0.001	
<u>CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance</u>	4	0.001	0.001	
<u>zoom.zoom>localGetRightClickZoomOut</u>	12	0.001	0.001	
<u>polyfun\private\chckxy</u>	2	0.001	0.001	
<u>DashedMarking>DashedMarking.set.Length</u>	12	0.001	0.001	
<u>view>isAxesHandle</u>	6	0.001	0.001	
<u>com.mathworks.hg.util.DeferToldleState.execute (Java method)</u>	5	0.001	0.001	
<u>DashedMarking>DashedMarking.set.Space</u>	12	0.001	0.001	
<u>MapInterface>MapInterface.get.GridSize</u>	68	0.001	0.001	
<u>...rserInterface>NameValueParserInterface.NameValueParserInterface</u>	26	0.001	0.001	
<u>validateAxesUIAxesHandle</u>	12	0.001	0.001	
<u>close>@()set(0,'ShowHiddenHandles',oldUDDShowHiddenHandles)</u>	3	0.001	0.001	
<u>laneSpecConnector>laneSpecConnector.validateTaperShape</u>	1	0.001	0.000	
<u>exploreaccessor>exploreaccessor.get.ActionPreCallback</u>	12	0.001	0.000	
<u>MotionStrategy>MotionStrategy.MotionStrategy</u>	71	0.001	0.001	
<u>+internal\private\parseParameterInputsML>findParmKernel</u>	1	0.001	0.001	
<u>Button.Button>Button.checkColorSpaceDependency</u>	3	0.001	0.001	
<u>lanespec>lanespec.validateWidth</u>	4	0.001	0.001	
<u>exploreaccessor>exploreaccessor.get.ActionPostCallback</u>	12	0.001	0.000	
<u>PanAndZoomBehaviorBase>PanAndZoomBehaviorBase.dosupport</u>	6	0.001	0.001	
<u>mustBeNonnegative</u>	81	0.001	0.001	
<u>close>checkfigs</u>	4	0.001	0.001	
<u>MapLayer>MapLayer.getDefaultValueConversion</u>	27	0.001	0.001	
<u>ToolbarController.ToolbarController>ToolbarController.getCanvasFigure</u>	3	0.001	0.001	
<u>Stationary>Stationary.move</u>	11	0.001	0.001	
<u>cuboid</u>	1	0.001	0.000	
<u>convertStringToCharArgs</u>	9	0.001	0.001	
<u>pathsep</u>	44	0.001	0.001	
<u>LMFsolve>mulJt</u>	1	0.001	0.001	

blanks	5	0.001	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	8	0.001	0.001	
@timer\private\isJavaTimer	3	0.001	0.001	
zoom.zoom>localGetDirection	12	0.001	0.001	
zoom.zoom>localGetContextMenu	12	0.001	0.001	
vectorizePlotyAxes	6	0.001	0.001	
java.io.File (Java method)	6	0.001	0.001	
MapInterface>MapInterface.get.Resolution	40	0.001	0.001	
axis>isCartesian	3	0.001	0.001	
...ment.TrafficEnvironment>TrafficEnvironment.read_ego_configuration	1	0.001	0.001	
...tackManager.ScribeStackManager>ScribeStackManager.getInstance	4	0.001	0.000	
+internal\private\parseParameterInputsML>makeStruct	1	0.001	0.001	
laneSpecConnector>laneSpecConnector.set.Position	1	0.001	0.000	
uimode.setCallbackFcn	9	0.001	0.001	
generateArgumentDescriptor>isCharOrString	111	0.000	0.000	
Plot>Plot.set.ViewHeight	5	0.000	0.000	
MapInterface>MapInterface.validateLocationInput	13	0.000	0.000	
MapInterface>MapInterface.calculateMapDimensions	1	0.000	0.000	
MapInterface>MapInterface.get.LocalOriginInWorld	14	0.000	0.000	
PostUpdatePlugin>localGetCanvasContainingAncestor	5	0.000	0.000	
RandStream.RandStream>RandStream.algName	1	0.000	0.000	
assert	18	0.000	0.000	
Plot>Plot.set.ViewLocation	5	0.000	0.000	
GetPixelPositionHelper>getparent	3	0.000	0.000	
uitools\private\allchildRootHelper	13	0.000	0.000	
AxesOrientation>AxesOrientation.getOffset	43	0.000	0.000	
laneSpecConnector>laneSpecConnector.parse	1	0.000	0.000	
compositeLaneSpec>compositeLaneSpec.set.SegmentRange	1	0.000	0.000	
feul2qparts	1	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.deleteListeners	1	0.000	0.000	
Road>Road.Road	1	0.000	0.000	
BaseAxesInteractionContainer>BaseAxesInteractionContainer.set.is2d	12	0.000	0.000	
laneSpecConnector>laneSpecConnector.set.TaperLength	2	0.000	0.000	
Plot>Plot.set.ViewPitch	5	0.000	0.000	
InternalAccess>InternalAccess.InternalAccess	133	0.000	0.000	
cuboid>cuboidFaces	1	0.000	0.000	
ToolbarFactory>ToolbarFactory.getInstance	4	0.000	0.000	
uimode.createuimode>localCleanUp	3	0.000	0.000	
isStringScalar	14	0.000	0.000	
cellstr	20	0.000	0.000	
Plot>Plot.set.Meshes	3	0.000	0.000	
opaque.char	2	0.000	0.000	
denum	2	0.000	0.000	
str2double	3	0.000	0.000	
const	2	0.000	0.000	

<code>...ics.illustration.Legend') isa(obj,'matlab.graphics.illustration.ColorBar')</code>	24	0.000	0.000	
<code>ActorPoses>ActorPoses.ActorPoses</code>	71	0.000	0.000	
<code>System>System.System</code>	2	0.000	0.000	
<code>MapLayer>MapLayer.get(DataType)</code>	1	0.000	0.000	
<code>MapLayer>MapLayer.convertToGPUCPU</code>	1	0.000	0.000	
<code>ChildEventData>ChildEventData.ChildEventData</code>	4	0.000	0.000	
<code>uitools\private\prefutils>truncToMaxLength</code>	6	0.000	0.000	
<code>uimode.uimode>uimode.set.WindowButtonMotionFcn</code>	3	0.000	0.000	
<code>ButtonImage.ButtonImage>ButtonImage.set.Layer</code>	2	0.000	0.000	
<code>CircularBuffer>CircularBuffer.CircularBuffer</code>	1	0.000	0.000	
<code>repmat>checkSizesType</code>	17	0.000	0.000	
<code>LaneBase>LaneBase.LaneBase</code>	20	0.000	0.000	
<code>PointerMixin>PointerMixin.delete</code>	4	0.000	0.000	
<code>compositeLaneSpec>compositeLaneSpec.validateSegmentRanges</code>	1	0.000	0.000	
<code>general\private\catdirs</code>	2	0.000	0.000	
<code>@drivingScenario\private\parseInputs>checkoutFirstAvailableLicense</code>	1	0.000	0.000	
<code>uimode.uimode>uimode.set.WindowScrollWheelFcn</code>	3	0.000	0.000	
<code>mkpp</code>	2	0.000	0.000	
<code>MapInterface>MapInterface.get.GridLocationInWorld</code>	1	0.000	0.000	
<code>ToolbarStateButton>ToolbarStateButton.set.Value</code>	1	0.000	0.000	
<code>close>getEmptyHandleList</code>	3	0.000	0.000	
<code>ActorMesh>ActorMesh.ActorMesh</code>	71	0.000	0.000	
<code>..tData>ProcessInteractionsEventData.ProcessInteractionsEventData</code>	3	0.000	0.000	
<code>AxesToolbar.AxesToolbar>AxesToolbar.getParentImpl</code>	2	0.000	0.000	
<code>...darCrossSection>ActorRadarCrossSection.ActorRadarCrossSection</code>	71	0.000	0.000	
<code>compositeLaneSpec>compositeLaneSpec.parse</code>	1	0.000	0.000	
<code>DataCursorBehavior>DataCursorBehavior.dosupport</code>	3	0.000	0.000	
<code>graph3d\private\getMapContainer</code>	3	0.000	0.000	
<code>xyzcheck</code>	1	0.000	0.000	
<code>CircularBufferIndex>CircularBufferIndex.CircularBufferIndex</code>	1	0.000	0.000	
<code>+internal\private\parseParameterInputsML>inputTypes</code>	1	0.000	0.000	
<code>setPointer</code>	3	0.000	0.000	
<code>fullfile>@(x)~iscell(x)&&isempty(x)</code>	16	0.000	0.000	
<code>dfresnelg2</code>	4	0.000	0.000	
<code>laneSpecConnector>laneSpecConnector.validateTaperLength</code>	2	0.000	0.000	
<code>quaternionBase.normalize</code>	1	0.000	0.000	
<code>uitools\private\prefutils>checkAndConvertToCellVector</code>	3	0.000	0.000	
<code>isFigureShowEnabled</code>	8	0.000	0.000	
<code>Control>Control.Control</code>	3	0.000	0.000	
<code>switchConnection</code>	1	0.000	0.000	
<code>hasDisplay</code>	8	0.000	0.000	
<code>Plot>Plot.set.Waypoints</code>	2	0.000	0.000	
<code>uimode.uimode>setMotionFcn</code>	3	0.000	0.000	
<code>uimodemanager.registerMode</code>	3	0.000	0.000	
<code>plotLaneTypes</code>	3	0.000	0.000	
<code>pol2cart</code>	1	0.000	0.000	

<u>javaclasspath>local_remove_pair_redundancies</u>	1	0.000	0.000	
<u>... ntroller.ToolbarController>ToolbarController.useInteractionFramework</u>	3	0.000	0.000	
<u>quaternion.reshape</u>	1	0.000	0.000	
<u>Actor>Actor.validateEgoActor</u>	2	0.000	0.000	
<u>+internal\private\parseParameterInputsML>processOptions</u>	1	0.000	0.000	
<u>laneSpecConnector>laneSpecConnector.validatePosition</u>	1	0.000	0.000	
<u>Button.Button>Button.set.FaceType</u>	2	0.000	0.000	
<u>Plot>Plot.set.ViewRoll</u>	3	0.000	0.000	
<u>clothoidG2fitMissingCourse>partitionCourse</u>	1	0.000	0.000	
<u>uimode.uimode>uimode.isLiveEditorFigure</u>	3	0.000	0.000	
<u>quaternionBase.compact</u>	1	0.000	0.000	
<u>Plot>Plot.set.ViewYaw</u>	3	0.000	0.000	
<u>PointerMixin>PointerMixin.hasUserModifiedPointer</u>	3	0.000	0.000	
<u>polybool (MEX-file)</u>	21	0.000	0.000	
<u>ImageSource>ImageSource.ImageSource</u>	3	0.000	0.000	
<u>Button.Button>Button.set.BorderType</u>	2	0.000	0.000	
<u>uimode.uimode>uimode.uimode</u>	3	0.000	0.000	
<u>MapInterface>MapInterface.set.GridOriginInLocal</u>	2	0.000	0.000	
<u>PointerModeStrategy>PointerModeStrategy.PointerModeStrategy</u>	4	0.000	0.000	
<u>pchip>pchipSlopes</u>	2	0.000	0.000	
<u>SharedMapProperties>SharedMapProperties.get.GridLocationInWorld</u>	1	0.000	0.000	
<u>PointerMixin>PointerMixin.PointerMixin</u>	4	0.000	0.000	
<u>AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy</u>	4	0.000	0.000	
<u>path>isValidInput</u>	4	0.000	0.000	
<u>Button.Button>Button.set.Layer</u>	2	0.000	0.000	
<u>@drivingScenario\private\plotRoads</u>	1	0.000	0.000	
<u>fullfile>replaceSingleDots</u>	1	0.000	0.000	
<u>MapInterface>MapInterface.MapInterface</u>	1	0.000	0.000	
<u>quaternionBase.conj</u>	1	0.000	0.000	
<u>Stationary>Stationary.restart</u>	71	0.000	0.000	
<u>surf2patch>parseargs</u>	1	0.000	0.000	
<u>...ent.TrafficEnvironment>TrafficEnvironment.read_traffic_configuration</u>	1	0.000	0.000	
<u>SystemProp.SystemProp>SystemProp.SystemProp</u>	2	0.000	0.000	
<u>ToolTipMixin>ToolTipMixin.ToolTipMixin</u>	2	0.000	0.000	
<u>SharedMapProperties>SharedMapProperties.SharedMapProperties</u>	1	0.000	0.000	
<u>general\private\javapathutils>localsURL</u>	4	0.000	0.000	
<u>AxesOrientation>AxesOrientation.getAxesDir</u>	3	0.000	0.000	
<u>uitools\private\prefutils>checkGroup</u>	3	0.000	0.000	
<u>strfun\private\isTextStrict</u>	2	0.000	0.000	
<u>connect>@{x}isnumeric(x)&&length(x)==1</u>	2	0.000	0.000	
<u>IconView>IconView.addDecoration</u>	2	0.000	0.000	
<u>mpower</u>	1	0.000	0.000	
<u>MapLayer>MapLayer.getDataTypeConversion</u>	1	0.000	0.000	
<u>CanvasPlugin.CanvasPlugin>CanvasPlugin.CanvasPlugin</u>	1	0.000	0.000	
<u>...ger.ScribeStackManager>ScribeStackManager.ScribeStackManager</u>	1	0.000	0.000	

<u>MapInterface>MapInterface.get.GridOriginInLocal</u>	1	0.000	0.000	
<u>InternalAccess>InternalAccess.InternalAccess</u>	4	0.000	0.000	
<u>quaternionBase.isvector</u>	1	0.000	0.000	
<u>IconView>IconView.set.Selected</u>	1	0.000	0.000	
<u>+internal\private\parseParameterInputsML>parmMatchFunctions</u>	1	0.000	0.000	
<u>dclothoidwp>packageMATLAB</u>	1	0.000	0.000	
<u>quaternionBase.numel</u>	1	0.000	0.000	
<u>MapInterface>MapInterface.isaLayer</u>	1	0.000	0.000	
<u>...ogical'},{'scalar','nonempty','nonnan','real','finite'},methodName,name)</u>	1	0.000	0.000	
<u>+internal\private\parseParameterInputsML>isCaseInsensitiveMatch</u>	1	0.000	0.000	
<u>ToolbarController.ToolbarController>ToolbarController.getHitAxes</u>	3	0.000	0.000	
<u>ToolbarStateButton>ToolbarStateButton.getValue</u>	1	0.000	0.000	
<u>..afficEnvironment.TrafficEnvironment>TrafficEnvironment.set.StopTime</u>	1	0.000	0.000	
<u>...rks.jmi.ClassLoaderManager.getClassLoaderManager (Java method)</u>	3	0.000	0.000	
<u>MapInterface>MapInterface.getValRefFrameValueFcn</u>	2	0.000	0.000	
<u>const>@()(varargin{1})</u>	2	0.000	0.000	
<u>...dedObjectMesh>extendedObjectMesh.getListOfSupportedPrimitives</u>	2	0.000	0.000	
<u>binaryOccupancyMap>binaryOccupancyMap.getDefaultDefaultValue</u>	1	0.000	0.000	
<u>pwd</u>	1	0.000	0.000	
<u>AxesToolbar.AxesToolbar>AxesToolbar.setParentImpl</u>	1	0.000	0.000	
<u>...orks.jmi.OpaqueJavaInterface.enableClassReloading (Java method)</u>	1	0.000	0.000	
<u>MapInterface>MapInterface.getInvalidNVPairFcn</u>	1	0.000	0.000	
<u>MapInterface>MapInterface.getValResolutionFcn</u>	1	0.000	0.000	
<u>Socket>Socket.Socket</u>	1	0.000	0.000	
<u>java.net.InetAddress.getByName (Java method)</u>	1	0.000	0.000	
<u>CustomDisplay>CustomDisplay.CustomDisplay</u>	1	0.000	0.000	
<u>binaryOccupancyMap>binaryOccupancyMap.getDefaultLayerName</u>	1	0.000	0.000	
<u>isConst</u>	1	0.000	0.000	
<u>MapInterface>MapInterface.getValLayerNameFcn</u>	1	0.000	0.000	
<u>Message>Message.Message</u>	1	0.000	0.000	
<u>+internal\private\parseParameterInputsML>returnTrue</u>	1	0.000	0.000	
<u>java.lang.System.getProperty (Java method)</u>	1	0.000	0.000	
<u>allowHalfInputs</u>	2	0.000	0.000	
<u>clothoidG1fit2wp>coefs25</u>	1	0.000	0.000	
<u>clothoidG1fit2>coefs25</u>	1	0.000	0.000	
<u>allowEnumInputs</u>	2	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.