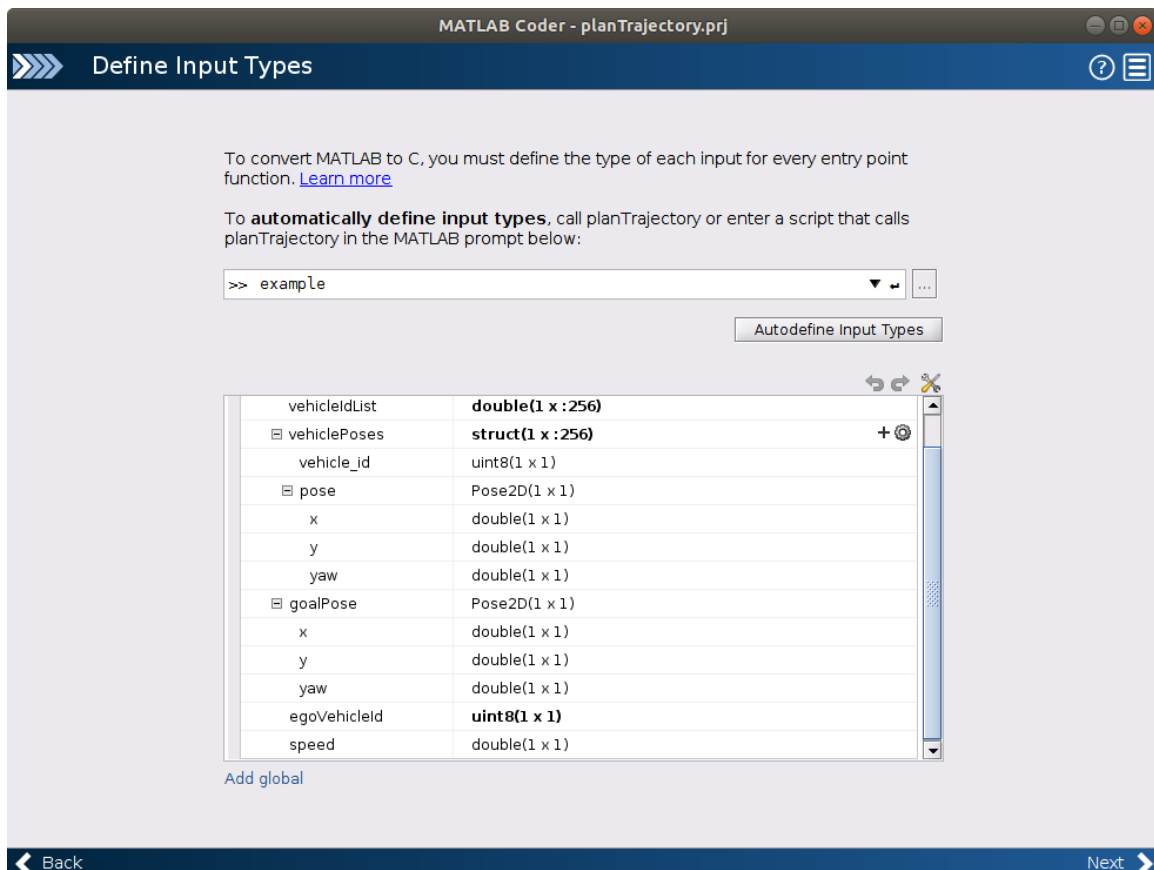
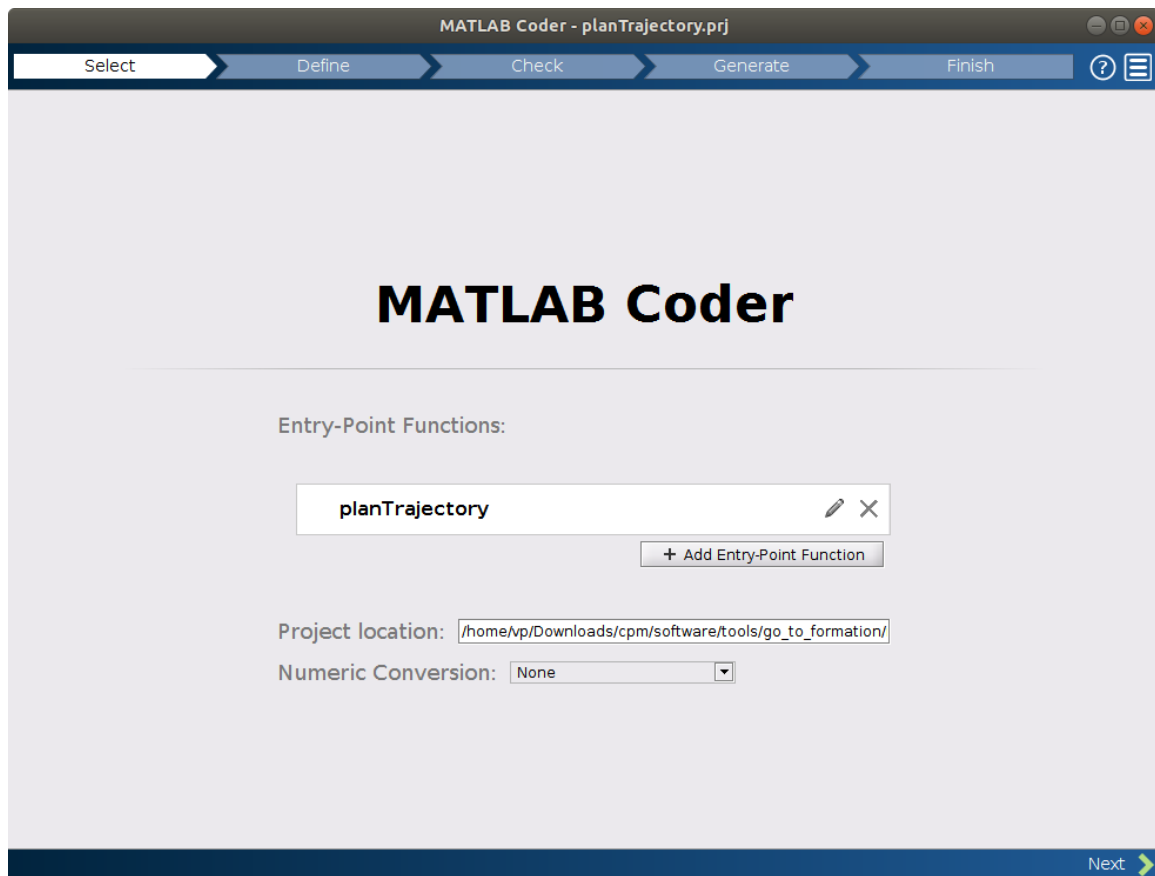
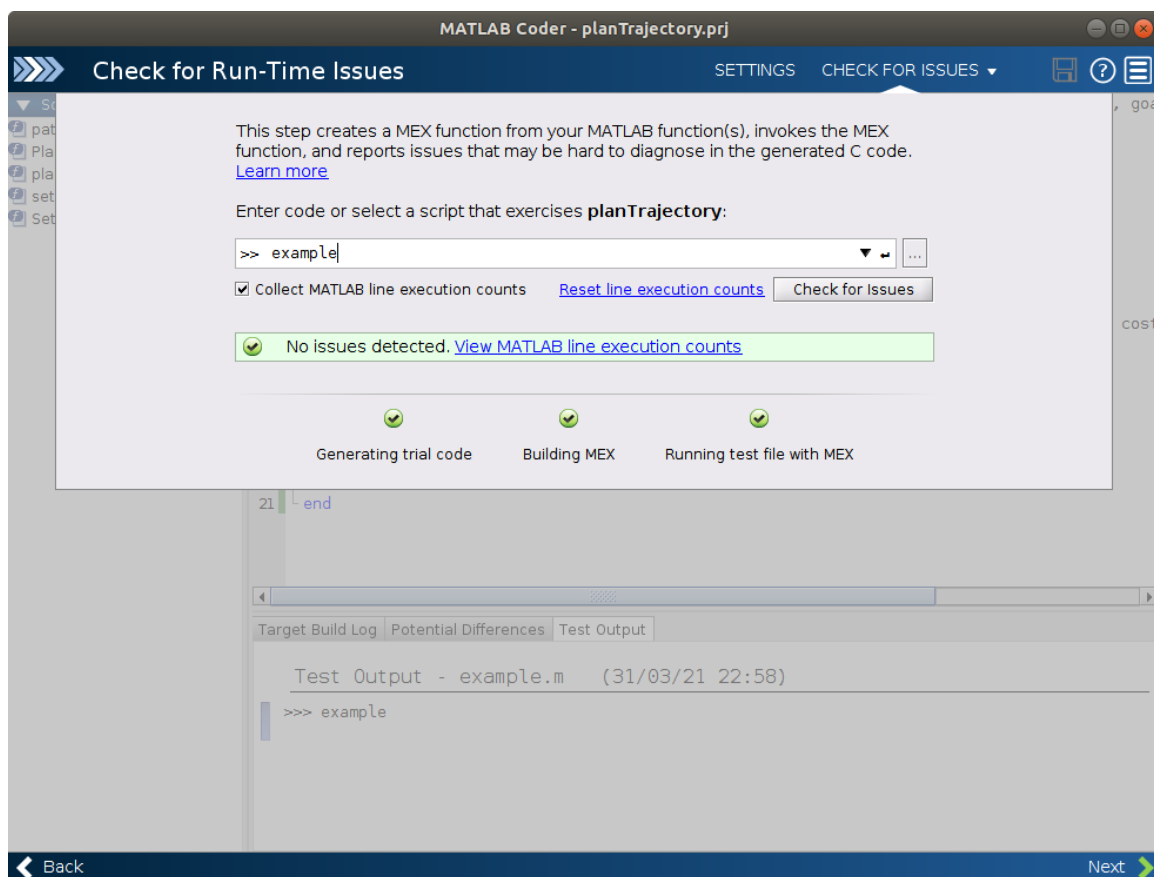
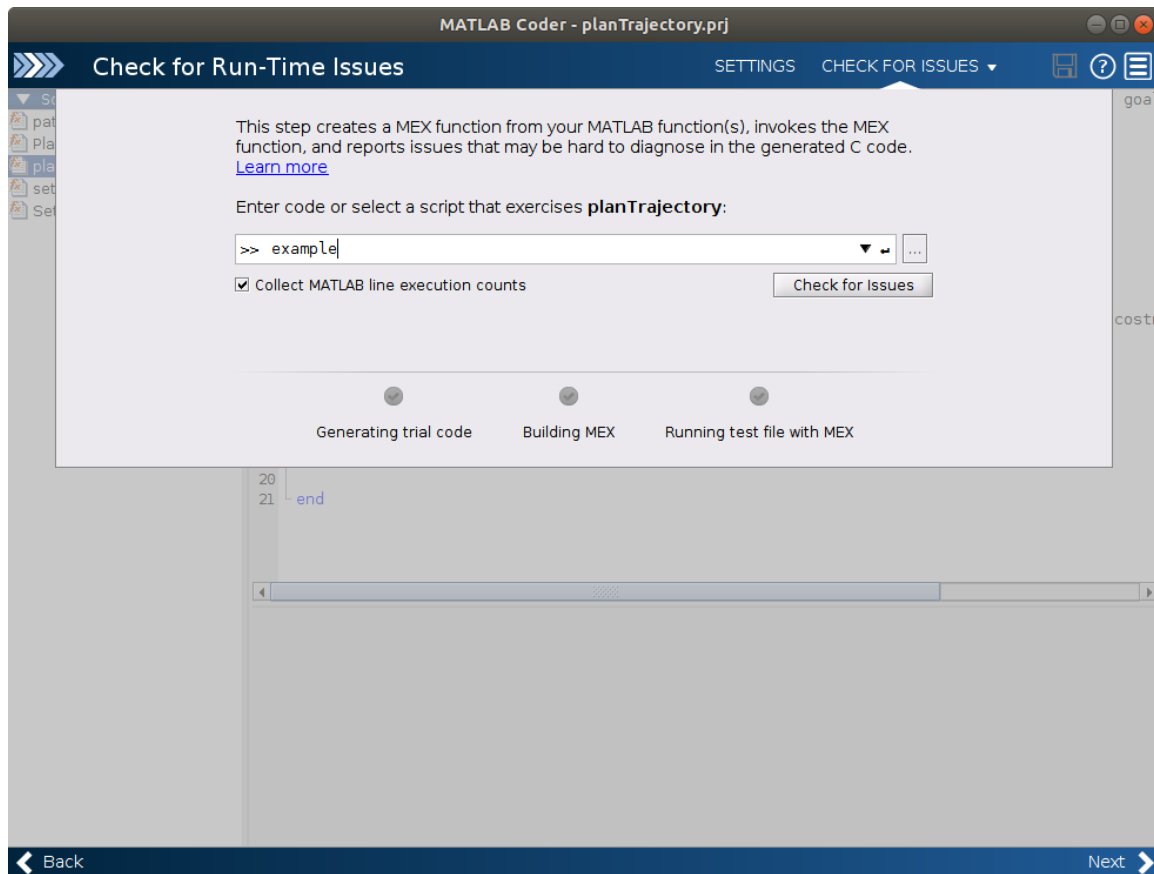
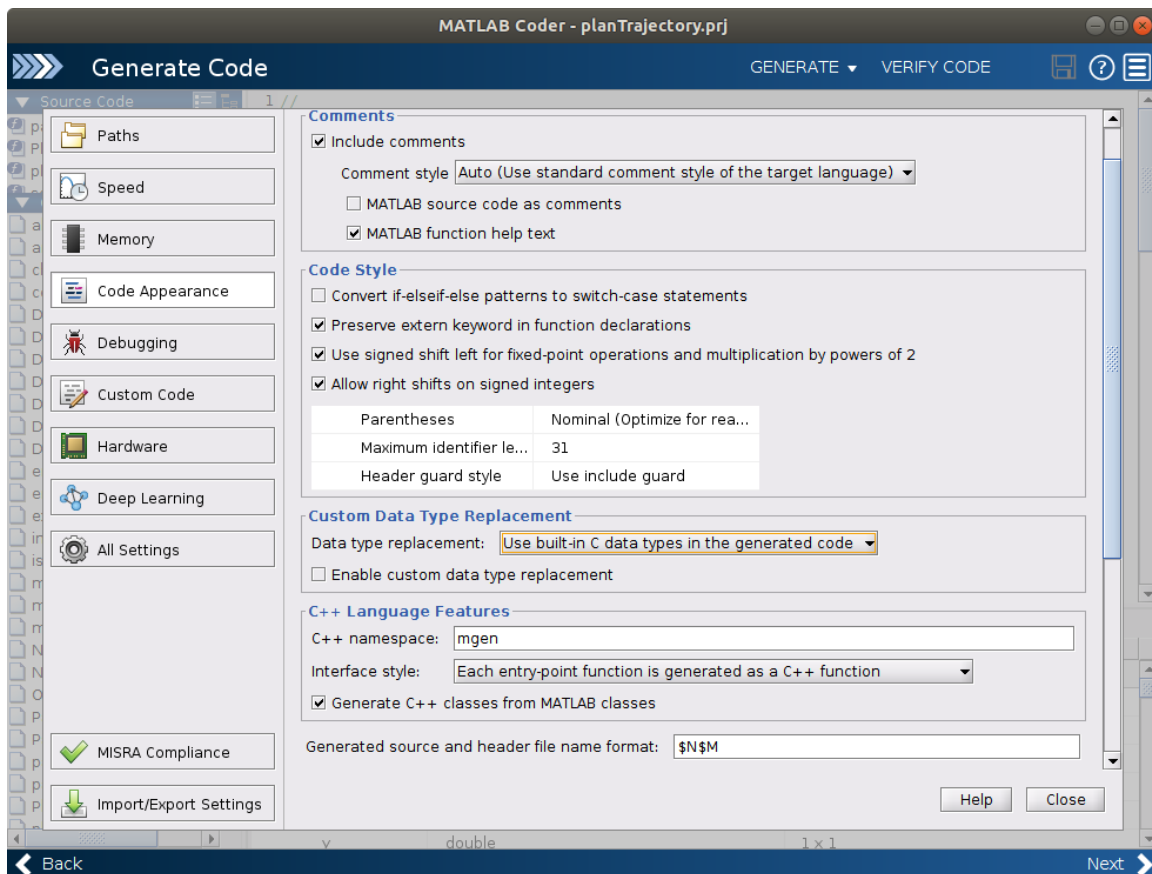
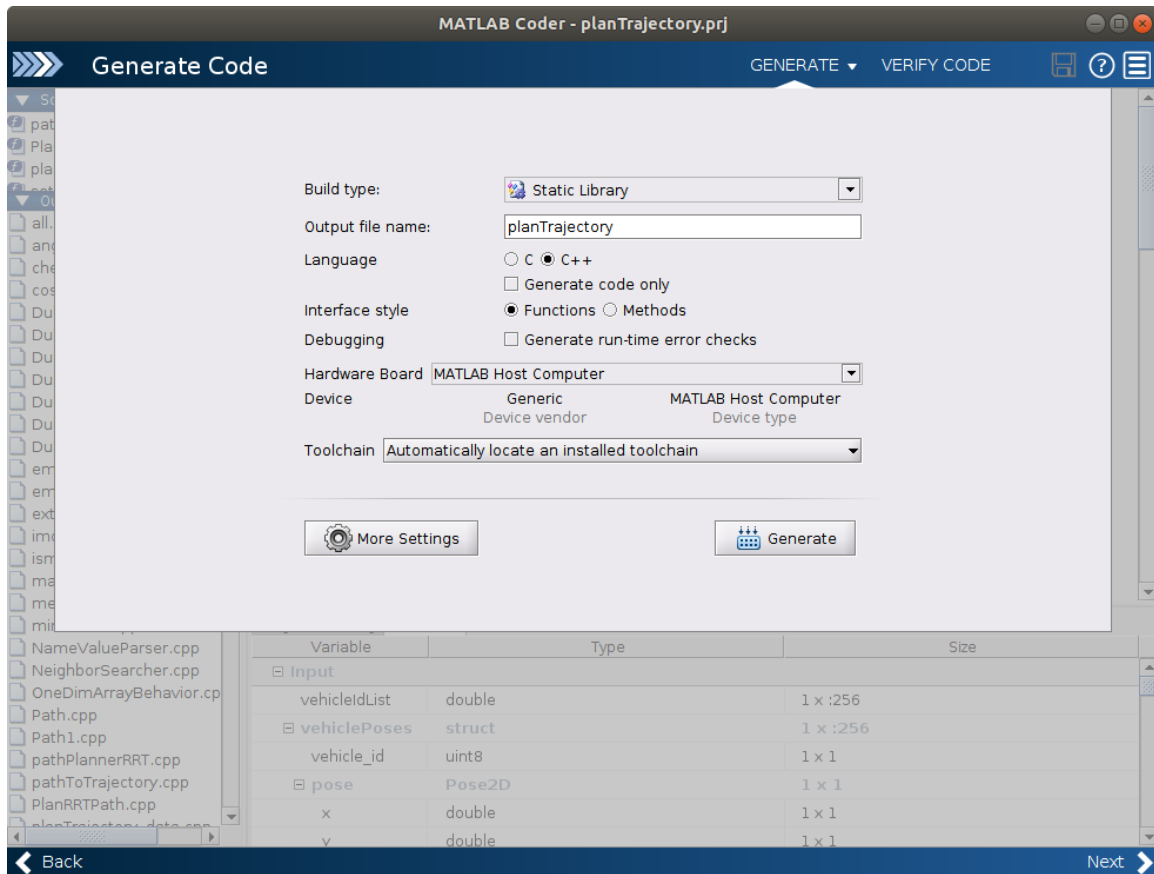


## Schritte Matlab Coder App für planTrajectory.prj Stand 31.03.2021







MATLAB Coder - planTrajectory.prj

Generate Code GENERATE VERIFY CODE

Source Code

- pathToTrajectory
- PlanRRTPath
- planTrajectory
- Output Files
  - all.cpp
  - angleUtilities.cpp
  - checkPathValidity.cpp
  - cosd.cpp
  - DubinsBuiltins.cpp
  - DubinsConnection.cpp
  - DubinsConnection1.cpp
  - DubinsConnectionMechan...
  - DubinsPathSegment.cpp
  - DubinsPathSegmentCode...
  - DubinsPathSegmentImpl...
  - eml\_rand\_mt19937ar\_sta...
  - eml\_setop.cpp
  - extremeKElements.cpp
  - imdilute.cpp
  - ismember.cpp
  - main.cpp
  - mergesort.cpp
  - minOrMax.cpp
  - NameValueParser.cpp
  - NeighborSearcher.cpp
  - OneDimArrayBehavior.cp...
  - Path.cpp
  - Path1.cpp
  - pathPlannerRRT.cpp
  - pathToTrajectory.cpp
  - PlanRRTPath.cpp
  - planTrajectory\_data.cpp

```

1 //
2 // Academic License - for use in teaching, academic research, and meeting
3 // course requirements at degree granting institutions only. Not for
4 // government, commercial, or other organizational use.
5 // File: planTrajectory.cpp
6 //
7 // MATLAB Coder version      : 5.0
8 // C/C++ source code generated on : 31-Mar-2021 23:01:38
9 //
10
11 // Include Files
12 #include "planTrajectory.h"
13 #include "PlanRRTPath.h"
14 #include "pathToTrajectory.h"
15 #include "planTrajectory_data.h"
16 #include "planTrajectory_initialize.h"
17 #include "rt_nonfinite.h"
18 #include "setCostmap.h"
19 #include <string.h>
20
21 // Function Definitions
22
23 //
24 // Arguments      : const double vehicleIdList_data[]
25 //                  const int vehicleIdList_size[2]
26 //                  const mmen::struct0 T vehiclePoses_data[]
  
```


Target Build Log Variables

Variable	Type	Size
Input		
vehicleIdList	double	1 x :256
vehiclePoses	struct	1 x :256
vehicle_id	uint8	1 x 1
pose	Pose2D	1 x 1
x	double	1 x 1
v	double	1 x 1

Back Next


MATLAB Coder - planTrajectory.prj

Finish Workflow PACKAGE

 **Static Library Generated Successfully**


You can now use the library in your applications. [Learn more](#)

**Project Summary**


Functions  planTrajectory.m

Project Type MATLAB Coder





Numeric conversion None


Project File  planTrajectory.prj


**Generated Output**

C Code  ...e\vp\Downloads\cpm\software\tools\go\_to\_formation\matlab\Coder\codegen\lib\planTrajectory

Binaries

-  /usr/local/MATLAB/R2020a/bin/glnxa64/libmwmmorphop\_binary\_tbb.so
-  .../cpm/software/tools/go\_to\_formation/matlab/Coder/codegen/lib/planTrajectory/planTrajectory.a
-  /usr/local/MATLAB/R2020a/bin/glnxa64/libmwautonomouscodegen.so
-  /usr/local/MATLAB/R2020a/bin/glnxa64/libmwnhood.so

Example main Files  ...nloads\cpm\software\tools\go\_to\_formation\matlab\Coder\codegen\lib\planTrajectory/examples

Reports  Code Generation Report

Back