

tesseract\_motion\_planners  
/include/tesseract\_motion  
\_planners/trajopt/profile  
/trajopt\_default\_solver\_profile.h

```
graph BT; A["tesseract_motion_planners  
/src/trajopt/problem_generators  
/default_problem_generator.cpp"] --> C["tesseract_motion_planners  
/include/tesseract_motion_planners/trajopt/profile  
/trajopt_default_solver_profile.h"]; B["tesseract_motion_planners  
/src/trajopt/profile/trajopt  
_default_solver_profile.cpp"] --> C;
```

The diagram illustrates a dependency structure where two source files, 'default\_problem\_generator.cpp' and '\_default\_solver\_profile.cpp', both include the header file 'trajopt\_default\_solver\_profile.h'. The header file is located in the 'trajopt/profile' subdirectory of the 'tesseract\_motion\_planners/include' directory. The source files are located in the 'tesseract\_motion\_planners/src' directory, with one in the 'trajopt/problem\_generators' subdirectory and the other in the 'trajopt/profile' subdirectory. Blue arrows point from the source files to the header file, indicating the inclusion relationship.

tesseract\_motion\_planners  
/src/trajopt/problem\_generators  
/default\_problem\_generator.cpp

tesseract\_motion\_planners  
/src/trajopt/profile/trajopt  
\_default\_solver\_profile.cpp