

tesseract_motion_planners
/include/tesseract_motion
_planners/trajopt_ifopt/profile
/trajopt_ifopt_default_plan_profile.h

```
graph BT; A["tesseract_motion_planners  
/src/trajopt_ifopt/problem  
_generators/default_problem  
_generator.cpp"] --> C["tesseract_motion_planners  
/include/tesseract_motion  
_planners/trajopt_ifopt/profile  
/trajopt_ifopt_default_plan_profile.h"]; B["tesseract_motion_planners  
/src/trajopt_ifopt/profile  
/trajopt_ifopt_default_plan  
_profile.cpp"] --> C;
```

The diagram illustrates a file dependency structure. At the top is a header file box (shaded gray) representing `tesseract_motion_planners/include/tesseract_motion_planners/trajopt_ifopt/profile/trajopt_ifopt_default_plan_profile.h`. Below it are two source file boxes (white). The left box represents `tesseract_motion_planners/src/trajopt_ifopt/problem_generators/default_problem_generator.cpp`, and the right box represents `tesseract_motion_planners/src/trajopt_ifopt/profile/trajopt_ifopt_default_plan_profile.cpp`. Blue arrows point from each source file box up to the header file box, indicating that both source files include this header.

tesseract_motion_planners
/src/trajopt_ifopt/problem
_generators/default_problem
_generator.cpp

tesseract_motion_planners
/src/trajopt_ifopt/profile
/trajopt_ifopt_default_plan
_profile.cpp