

tesseract_motion_planners
/ompl/include/tesseract
_motion_planners/ompl/compound
_state_validator.h

```
graph BT; A["tesseract_motion_planners  
/ompl/src/compound_state_validator.cpp"] --> C["tesseract_motion_planners  
/ompl/include/tesseract  
_motion_planners/ompl/compound  
_state_validator.h"]; B["tesseract_motion_planners  
/ompl/src/profile/ompl  
_default_plan_profile.cpp"] --> C;
```

The diagram illustrates the relationship between three files in the tesseract_motion_planners library. At the top is a header file, `compound_state_validator.h`, located in the `/ompl/include/tesseract_motion_planners/ompl/` directory. Below it are two source files. The file on the left, `compound_state_validator.cpp`, is located in `/ompl/src/`. The file on the right, `_default_plan_profile.cpp`, is located in `/ompl/src/profile/ompl/`. Both source files have blue arrows pointing to the header file, indicating that they include it.

tesseract_motion_planners
/ompl/src/compound_state
_validator.cpp

tesseract_motion_planners
/ompl/src/profile/ompl
_default_plan_profile.cpp