

tesseract\_kinematics  
/include/tesseract\_kinematics  
/kdl/kdl\_inv\_kin\_chain\_nr  
\_factory.h

```
graph BT; A["tesseract_environment  
/src/core/manipulator  
_manager.cpp"] --> C["tesseract_kinematics  
/include/tesseract_kinematics  
/kdl/kdl_inv_kin_chain_nr  
_factory.h"]; B["tesseract_kinematics  
/test/kdl_kinematics  
_unit.cpp"] --> C;
```

The diagram illustrates the inclusion of the `tesseract_kinematics` header file by two source files. The header file is located at `tesseract_kinematics/include/tesseract_kinematics/kdl/kdl_inv_kin_chain_nr_factory.h`. The source file `tesseract_environment/src/core/manipulator_manager.cpp` includes it, as does the test file `tesseract_kinematics/test/kdl_kinematics_unit.cpp`. The header file box is shaded gray, while the source file boxes are white.

tesseract\_environment  
/src/core/manipulator  
\_manager.cpp

tesseract\_kinematics  
/test/kdl\_kinematics  
\_unit.cpp