

tesseract_kinematics
/ikfast/include/tesseract
_kinematics/ikfast/impl
/ikfast_inv_kin.hpp

```
graph BT; A["tesseract_kinematics  
/test/abb_irb2400_ikfast  
_kinematics.cpp"] --> C["tesseract_kinematics  
/ikfast/include/tesseract  
_kinematics/ikfast/impl  
/ikfast_inv_kin.hpp"]; B["tesseract_kinematics  
/test/iiwa7_ikfast_kinematics.cpp"] --> C;
```

This diagram illustrates the relationship between three files in the Tesseract Kinematics library. At the top is a header file, `ikfast_inv_kin.hpp`, located in the `tesseract_kinematics/ikfast/include/tesseract_kinematics/ikfast/impl` directory. Below it are two source files. The file on the left, `abb_irb2400_ikfast_kinematics.cpp`, is located in `tesseract_kinematics/test/abb_irb2400_ikfast`. The file on the right, `iiwa7_ikfast_kinematics.cpp`, is located in `tesseract_kinematics/test/iiwa7_ikfast_kinematics`. Both source files have blue arrows pointing to the header file, indicating that they include it.

tesseract_kinematics
/test/abb_irb2400_ikfast
_kinematics.cpp

tesseract_kinematics
/test/iiwa7_ikfast_kinematics.cpp