

tesseract\_kinematics  
/test/iiwa7\_ikfast\_kinematics.h

```
graph BT; A["tesseract_kinematics<br>/test/iiwa7_ikfast_kinematics.cpp"] --> C["tesseract_kinematics<br>/test/iiwa7_ikfast_kinematics.h"]; B["tesseract_kinematics<br>/test/ikfast_kinematics_7dof_unit.cpp"] --> C;
```

The diagram illustrates a file dependency structure. At the top is a grey box representing a header file: `tesseract_kinematics/test/iiwa7_ikfast_kinematics.h`. Below it are two white boxes representing source files. The left box is `tesseract_kinematics/test/iiwa7_ikfast_kinematics.cpp` and the right box is `tesseract_kinematics/test/ikfast_kinematics_7dof_unit.cpp`. Two blue arrows point from each source file box up to the header file box, indicating that both source files include this header.

tesseract\_kinematics  
/test/iiwa7\_ikfast\_kinematics.cpp

tesseract\_kinematics  
/test/ikfast\_kinematics  
\_7dof\_unit.cpp