

```
/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/RHF/RHFElectronicEnergyCalculation.hpp
```

```
graph TD; A["/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/RHF/RHFElectronicEnergyCalculation.hpp"] --> B["/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/RHF/RHFSCFSolver.hpp"]; B --> C["/_w/GQCP/GQCP/gqcp  
/include/gqcp.hpp"]; C --> A;
```

The diagram illustrates the include relationships between three C++ header files. The top box (grey) represents `/include/RHF/RHFElectronicEnergyCalculation.hpp`, which includes `/include/RHF/RHFSCFSolver.hpp` (middle box). The middle box includes `/include/gqcp.hpp` (bottom box). The bottom box includes `/include/QCMethod/HF/RHFSCFSolver.hpp`, which in turn includes `/include/RHF/RHFElectronicEnergyCalculation.hpp`, forming a circular dependency.

```
/_w/GQCP/GQCP/gqcp  
/include/QCMethod/HF  
/RHF/RHFSCFSolver.hpp
```

```
/_w/GQCP/GQCP/gqcp  
/include/gqcp.hpp
```