

Eigen::internal::complex  
\_schur\_reduce\_to\_hessenberg::run

Eigen::internal::complex  
\_schur\_reduce\_to\_hessenberg  
< MatrixType, false >::run

Eigen::HessenbergDecomposition  
::matrixH

```
graph LR; A["Eigen::internal::complex<br>_schur_reduce_to_hessenberg::run"] --> D["Eigen::HessenbergDecomposition<br>::matrixH"]; B["Eigen::internal::complex<br>_schur_reduce_to_hessenberg<br>< MatrixType, false >::run"] --> D;
```

The diagram illustrates a call graph where two different function calls from the Eigen library's internal namespace point to a single target, `matrixH`, within the `HessenbergDecomposition` class. The first call is a static member function `_schur_reduce_to_hessenberg::run` from the `complex` namespace. The second call is a template specialization `_schur_reduce_to_hessenberg< MatrixType, false >::run`. Both functions are shown in white boxes on the left, with blue arrows pointing to a gray box on the right representing the `matrixH` attribute of the `HessenbergDecomposition` class.