

C++11 code 3.2.7: Constructor of class **QFEProvideTester** → [GitLab](#)

```
2  template <typename ENTITY_MATRIX_PROVIDER>
3  QFEProviderTester<ENTITY_MATRIX_PROVIDER>::QFEProviderTester(
4      const If::assemble::DofHandler &dofh,
5      ENTITY_MATRIX_PROVIDER &element_matrix_provider)
6      : dofh_(dofh), element_matrix_provider_(element_matrix_provider) {
7      // Assemble the Galerkin matrix and store it into A_
8      const If::base::size_type N_dofs(dofh.NumDofs());
9      If::assemble::COOMatrix<double> mat(N_dofs, N_dofs);
10     If::assemble::AssembleMatrixLocally(0, dofh, dofh, element_matrix_provider,
11                                         mat);
12     A_ = Eigen::SparseMatrix<double>(mat.makeSparse());
13 }
```