

## C++11 code 2.15.15: Sub-problem (2-15.g): [assembleVector\\_c](#) → [GitLab](#)

```
2 Eigen::VectorXd assembleVector_c(const If::assemble::DofHandler &dofh) {
3     Eigen::VectorXd c(dofh.NumDofs());
4     // Do not forget to initialize vector before assembly!
5     c.setZero();
6     // ELEMENT_VECTOR_BUILDER object
7     VecHelper my_vec_provider_c{};
8     // Cell (= codim-0 entities)-oriented assembly into c
9     If::assemble::AssembleVectorLocally(0, dofh, my_vec_provider_c, c);
10    return c;
11 }
```