

C++ code 9.9.33: Data members of **StrangSplit**. → [GitLab](#)

```
2 private :
3 // Finite Element Space
4 const std::shared_ptr<If::uscalfe::UniformScalarFESpace<double>> fe_space_;
5 // Final Time
6 double T_;
7 // Number of Timesteps
8 unsigned int m_;
9 // Growth Factor
10 double lambda_;
11 // coefficient for SDIRK-2 Butcher Tableau
12 double xi_;
13 // Galerkin matrix corresponding to the negative Laplacian with Robin Boundary
14 // Conditions */
15 Eigen::SparseMatrix<double> A_;
16 // Galerkin matrix for the Mass Matrix
17 Eigen::SparseMatrix<double> M_;
18 // Precompute LU decomposition needed for time stepping
19 Eigen::SparseLU<Eigen::SparseMatrix<double>> solver;
```