

```
1  // Pack data and operators into a CoupledOperator.
2  CoupledOperator spMVOpt;
3  spMVOpt.data.backEdgeData = &backEdgeData;
4  spMVOpt.data.frontEdgeData = &frontEdgeData;
5  spMVOpt.data.selfConnData = &selfConnData;
6  spMVOpt.data.vertexData = &vertexData;
7  spMVOpt.fun_slave = slave_SpMV;
8  spMVOpt.fun_host = SpMV;
9  // Non-field parameters.
10 Arrays paraData;
11 // no parametric values needed in spMV
12 constructEmptyArray(paraData);
13 // MLB Iterator
14 mlbIter.edge2VertexIteration(&paraData, &spMVOpt, 1);
```