

```
Eigen::internal::generic  
_product_impl< Lhs, Rhs,  
DenseShape, DenseShape,  
GemmProduct >::scaleAndAddTo
```

```
Eigen::internal::parallelize_gemm
```

```
Eigen::internal::sparse  
_time_dense_product_impl  
< SparseLhsType, DenseRhsType,  
DenseResType, typename DenseResType  
::Scalar, RowMajor, false >::run
```

```
Eigen::internal::sparse  
_time_dense_product_impl  
< SparseLhsType, DenseRhsType,  
DenseResType, typename DenseResType  
::Scalar, RowMajor, true >::run
```

```
Eigen::initParallel
```

```
graph LR; A["Eigen::internal::generic  
_product_impl< Lhs, Rhs,  
DenseShape, DenseShape,  
GemmProduct >::scaleAndAddTo"] --> B["Eigen::internal::parallelize_gemm"]; B --> C["Eigen::internal::sparse  
_time_dense_product_impl  
< SparseLhsType, DenseRhsType,  
DenseResType, typename DenseResType  
::Scalar, RowMajor, false >::run"]; B --> D["Eigen::initParallel"]; C --> D; E["Eigen::internal::sparse  
_time_dense_product_impl  
< SparseLhsType, DenseRhsType,  
DenseResType, typename DenseResType  
::Scalar, RowMajor, true >::run"] --> D;
```