```
internal::dense xpr
base::type< Diagonal
< const Derived, _DiagIndex > >
   Eigen::internal::variable
                                                                                       Eigen::MatrixBase<
                                     m index
                                                  Eigen::Diagonal < const
                                                                           Type _
   if dynamicindex< Index,
                                                                                        Derived >::ConstDiagonalIndex
                                                      Derived, Index >
          DiagIndex >
                                                                                             ReturnType < Index >
                                    m matrix
  Eigen::internal::ref
   selector< const Derived >
```