


```
Eigen::internal::indexed  
_based_stl_iterator_base  
< subvector_stl_iterator  
< XprType, Direction > >
```

```
Eigen::internal::subvector  
_stl_iterator< XprType,  
Direction >
```



```
graph RL; subvector[Eigen::internal::subvector< XprType, Direction >] --> indexed[Eigen::internal::indexed< subvector_stl_iterator< XprType, Direction > >];
```

The diagram illustrates the relationship between two Eigen internal iterator types. A grey box on the right contains the definition of `Eigen::internal::subvector_stl_iterator< XprType, Direction >`. Two blue arrows point from this box to a white box on the left, which contains the definition of `Eigen::internal::indexed_based_stl_iterator_base< subvector_stl_iterator< XprType, Direction > >`. This indicates that the `indexed_based_stl_iterator_base` is derived from or inherits from the `subvector_stl_iterator`.