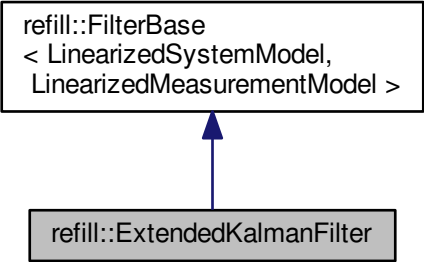


```
refill::FilterBase  
< LinearizedSystemModel,  
  LinearizedMeasurementModel >
```



```
graph BT; EK[refill::ExtendedKalmanFilter] --> FB[refill::FilterBase< LinearizedSystemModel, LinearizedMeasurementModel >];
```

A UML class diagram illustrating inheritance. A box at the bottom, labeled 'refill::ExtendedKalmanFilter', has a blue arrow pointing upwards to a box at the top. The top box is labeled 'refill::FilterBase' followed by a line containing '< LinearizedSystemModel,' and another line containing 'LinearizedMeasurementModel >'. The top box has a black border, while the bottom box has a gray fill and a black border.

```
refill::ExtendedKalmanFilter
```