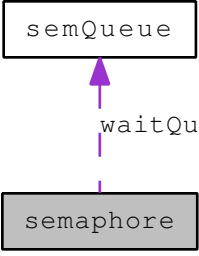


`semQueue`



```
graph BT; semaphore[semaphore] -.->|waitQueue| semQueue[semQueue];
```

The diagram illustrates a relationship between three data structures. At the bottom is a gray box labeled `semaphore`. A dashed purple arrow points upwards from this box to a white box labeled `semQueue` at the top. The label `waitQueue` is positioned to the right of the arrow, indicating the method or mechanism of the relationship.

`waitQueue`

`semaphore`