

MotionUpdate

```
graph BT; OMU[OdometryMotionUpdate] --> MU[MotionUpdate]; VMU[VelocityMotionUpdate] --> MU;
```

The diagram illustrates a class hierarchy. At the top is a box labeled 'MotionUpdate'. Below it, two boxes are positioned side-by-side: 'OdometryMotionUpdate' on the left and 'VelocityMotionUpdate' on the right. A horizontal line connects the bottom of these two boxes, and a vertical arrow points upwards from the center of this line to the bottom of the 'MotionUpdate' box, indicating that both 'OdometryMotionUpdate' and 'VelocityMotionUpdate' inherit from 'MotionUpdate'.

OdometryMotionUpdate

VelocityMotionUpdate