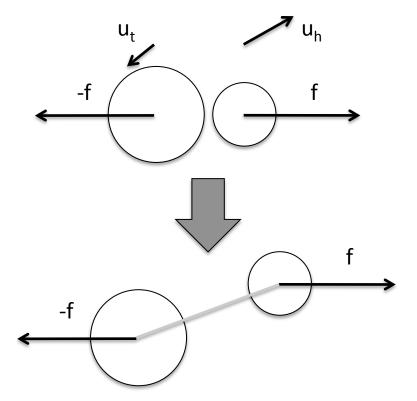
## Time = 0



## Time = $t_1$



## **MULTIPLE SWIMMERS**

Now the swimmer's velocity can point in arbitrary directions because of the other forces in the system.

This changes the orientation of the body.

When we adjust the tail bead, we must maintain body orientation. The forces must now act along the new orientation.