**Dining Philosophers**

The Dining Philosophers problem usually causes a deadlock, because all the philosophers are trying to pick up the left chopstick initially. After that they try to go for the right one, but it is taken by the other philosopher for whom that chopstick was left. The Lefty-Right approach provides a solution for this deadlock. In this solution, one philosopher is trying to pick up the right chopstick initially. All the others continue to pick up the left one. Since the chopstick at the left of the first philosopher is not at the left of any other philosopher, he can grab it. Now he has both so he can continue to eat. And this process will keep repeating, so all philosophers will get the chance to eat at some point.