



1. All b-threads synchronize and place their “bids”:
 - **Requesting an event:** proposing that the event be considered for triggering, and asking to be notified when it is triggered;
 - **Waiting for an event:** without proposing its triggering, asking to be notified when the event is triggered;
 - **Blocking an event:** forbidding the triggering of the event, vetoing requests of other b-threads.
2. An event that is requested and not blocked is selected;
3. b-threads that requested or wait for the selected event are notified;
4. The notified b-threads progress to their next states, where they place new bids.

```
function* () {  
  while (true) {  
    var x = sync({  
      waitFor: 'number'  
    })  
    if (isMultipleOfThree(x)) {  
      sync({  
        request: 'good',  
        waitFor: 'bad'  
      })  
    } else {  
      sync({  
        request: 'bad',  
        block: 'good'  
      })  
    }  
  }  
}
```

Of particular importance are these **sync()** calls that allow a module to peek at other modules and control their execution.