

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

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

# B-threads run in parallel







## Event trace

# number(5)







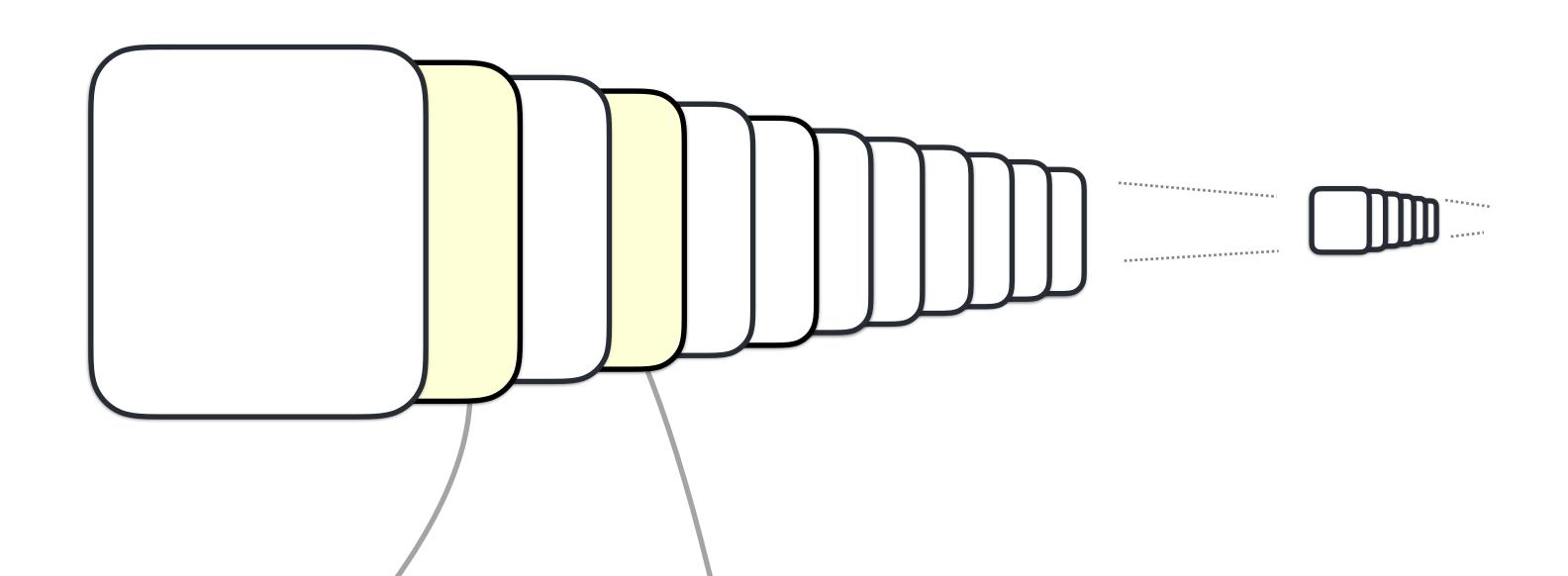


## B-threads run in parallel

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

### **Event trace**

number(5) bad



```
var x = sync({
   waitFor: 'number'
})
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var x = sync({
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} else {
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