


```
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







Enterance

number(5)







bad



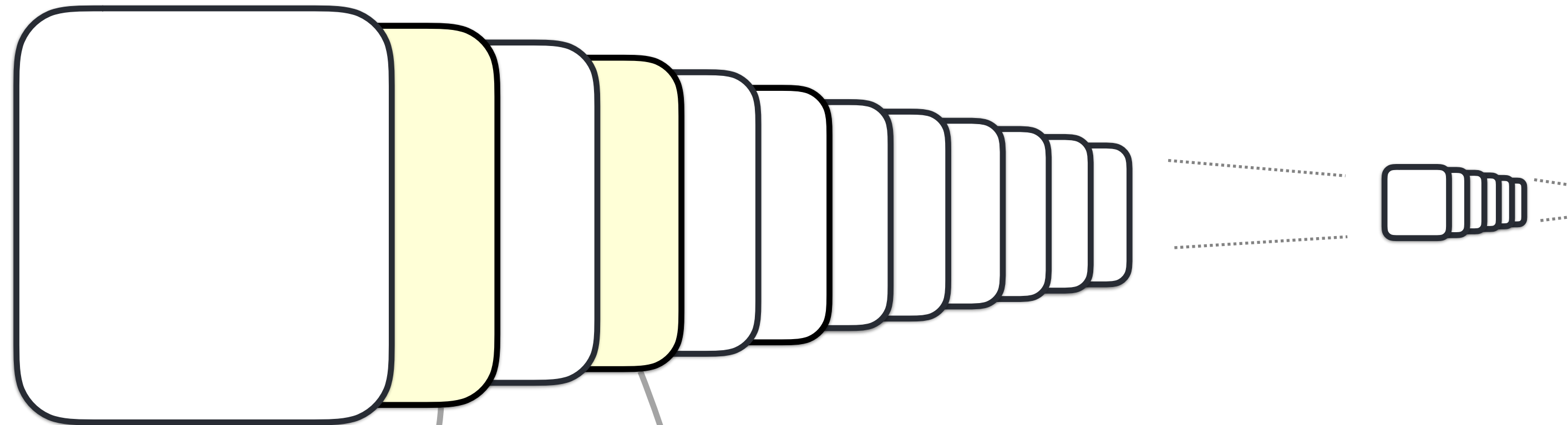
B-threads run in parallel

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```

Event trace

number(5)
bad



```
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    block: 'good'
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}
```

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



request: good, bad
block: good



bad