Interthread Communication in Java

Producer-Consumer Problem

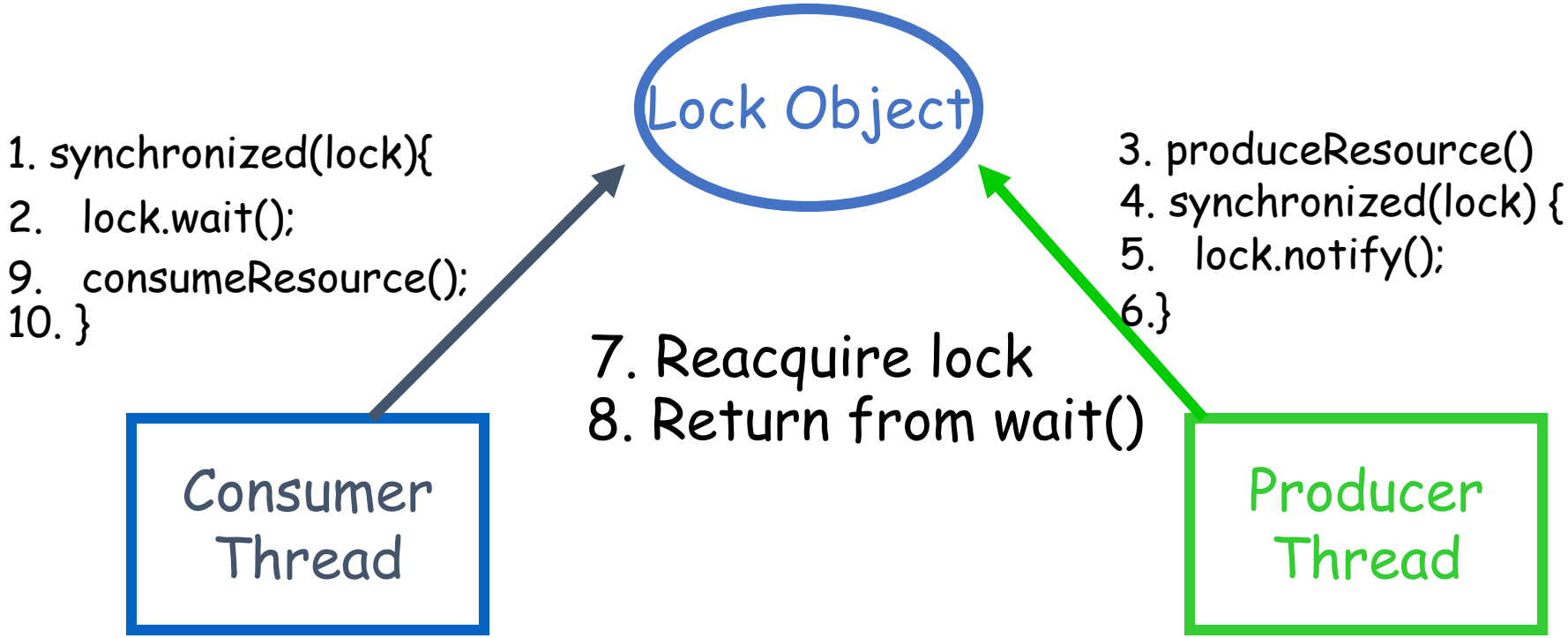
Consumer Thread

```
synchronized (lock) {
    while (!resourceAvailable()) {
        lock.wait();
    }
    consumeResource();
}
```

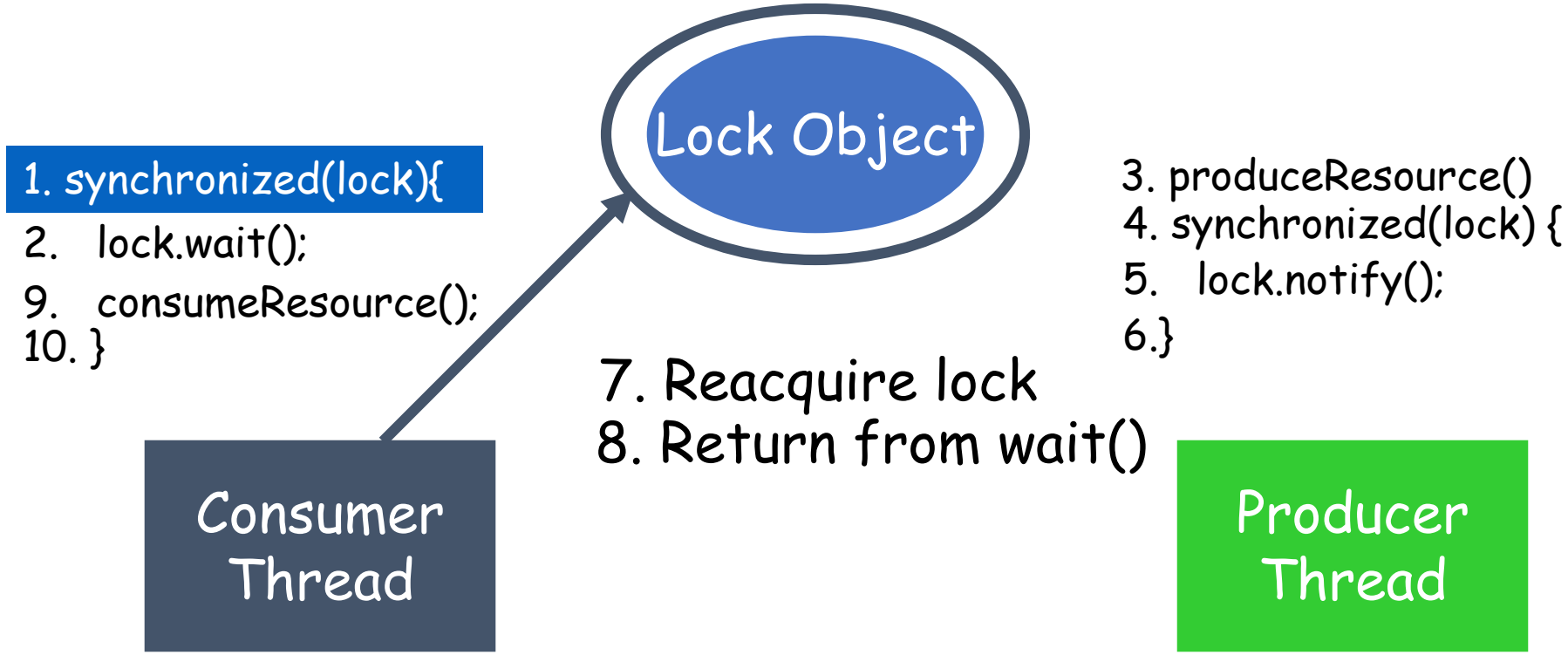
Producer Thread

```
produceResource();
synchronized (lock) {
    lock.notifyAll();
}
```

Wait/Notify Sequence



Wait/Notify Sequence



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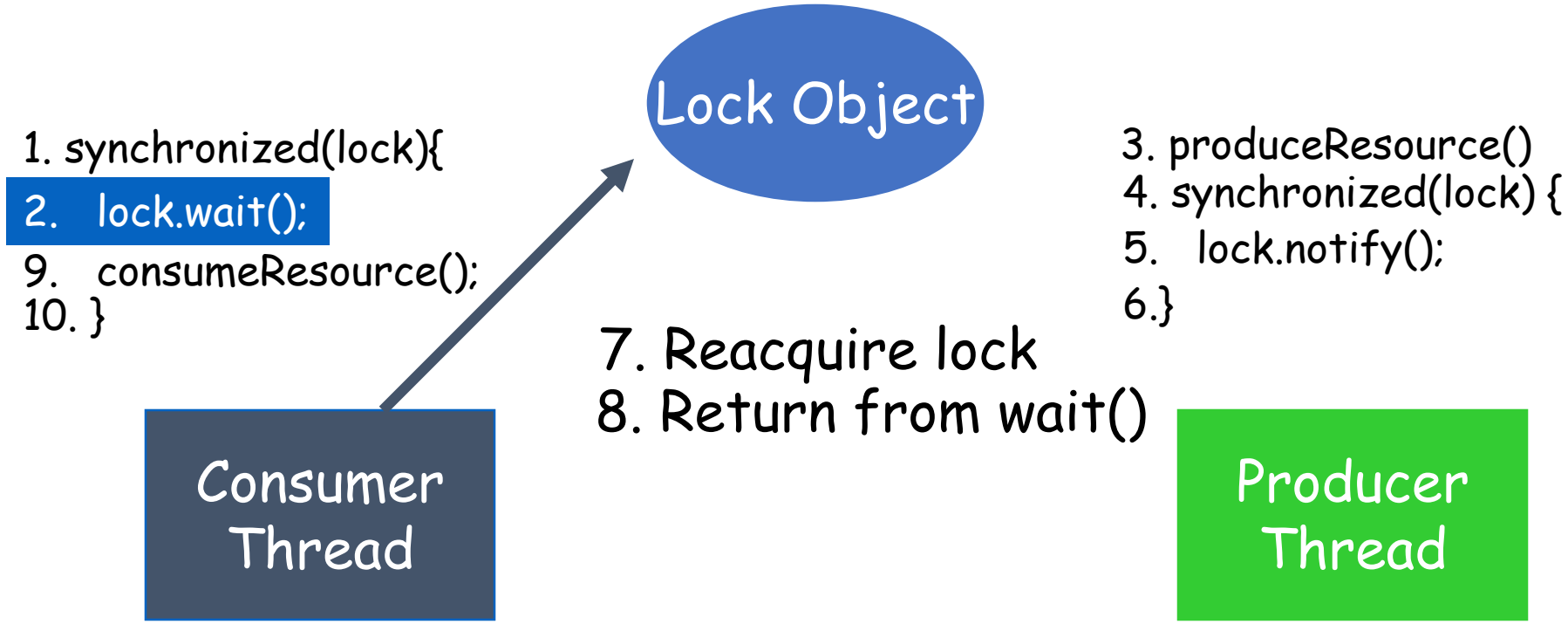

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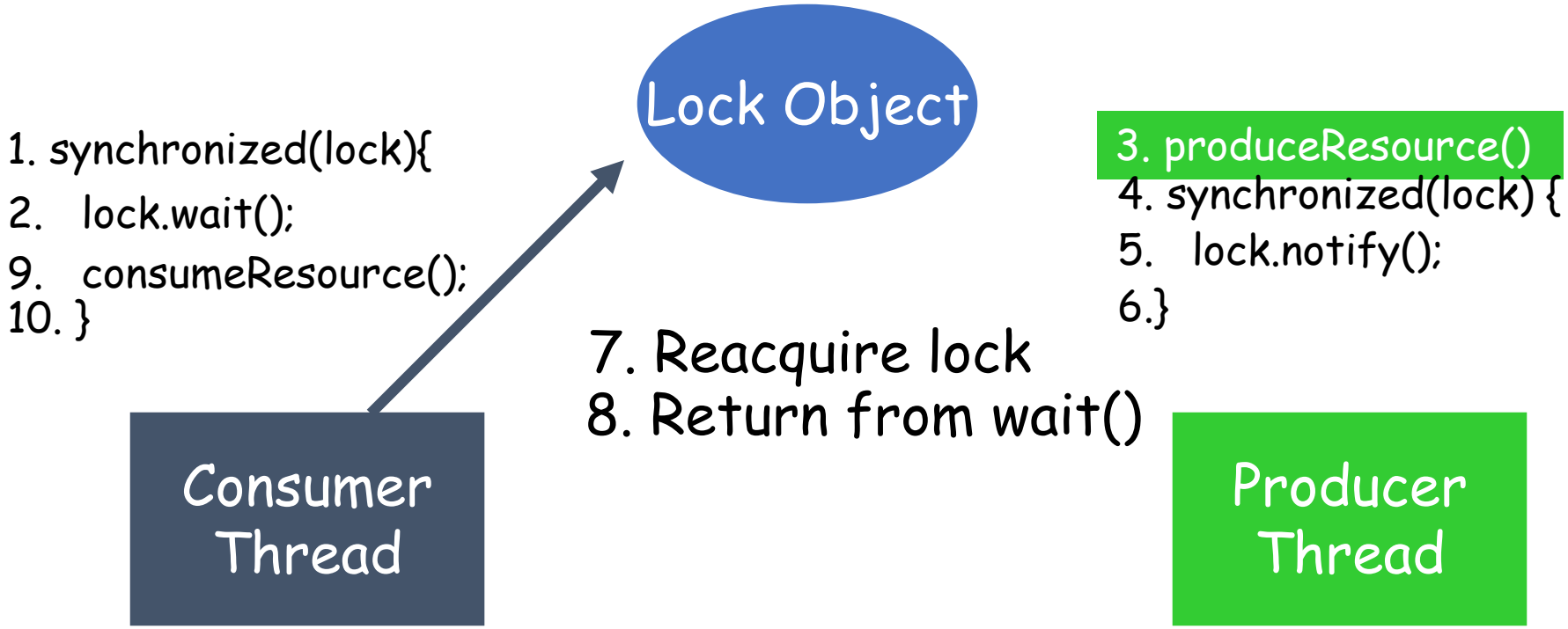

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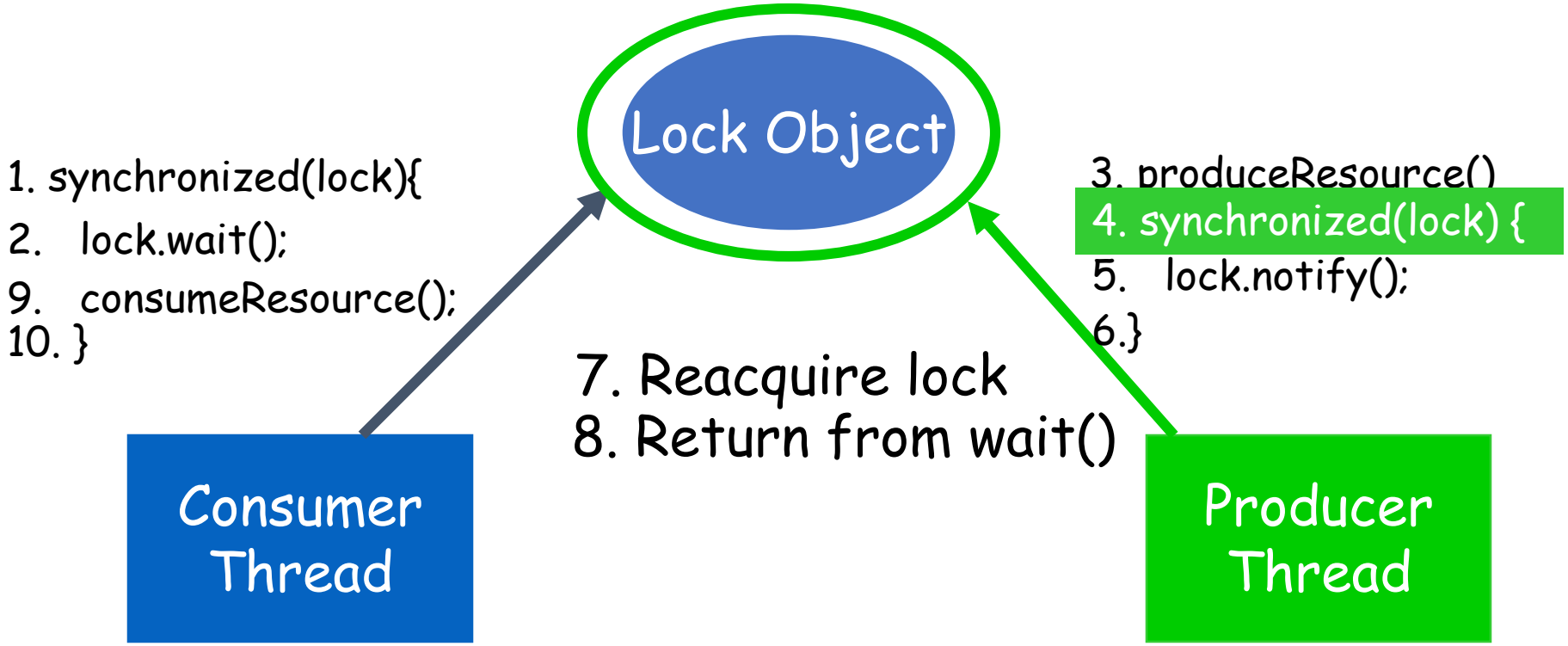

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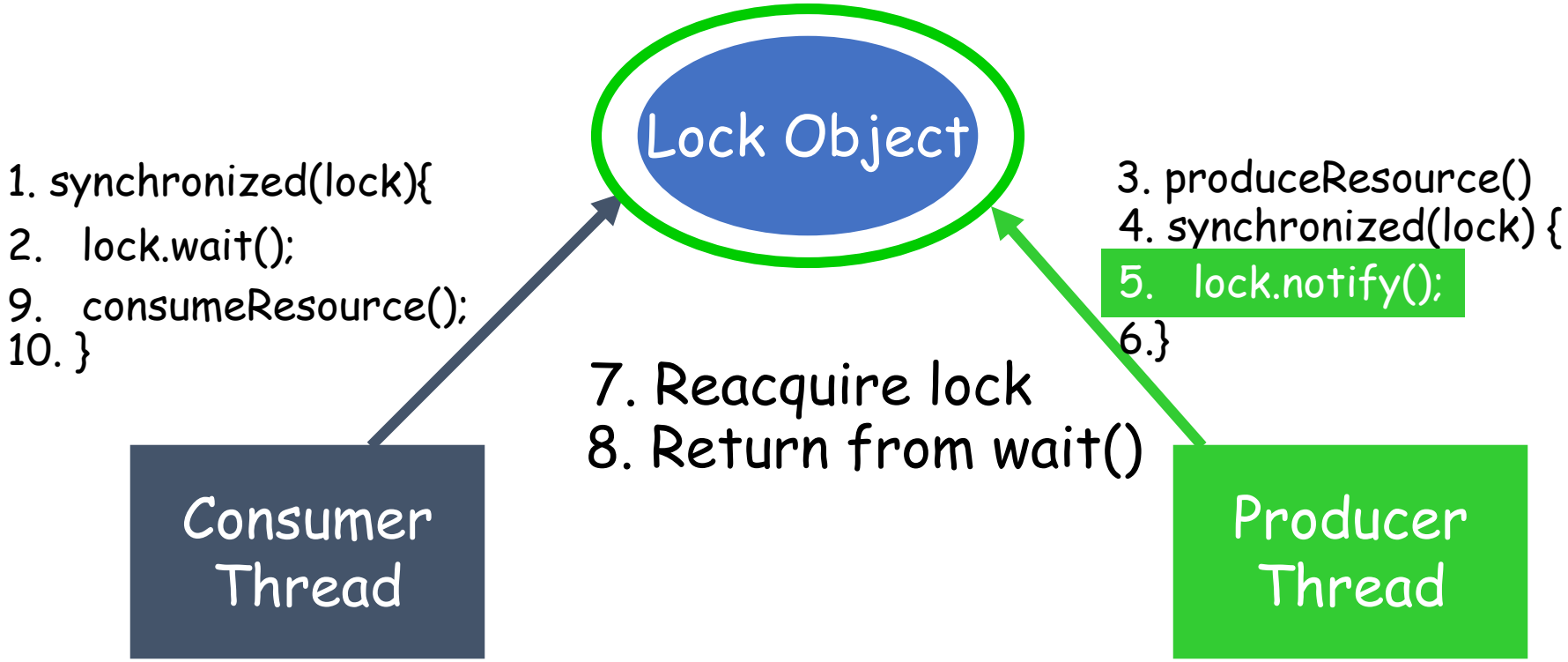

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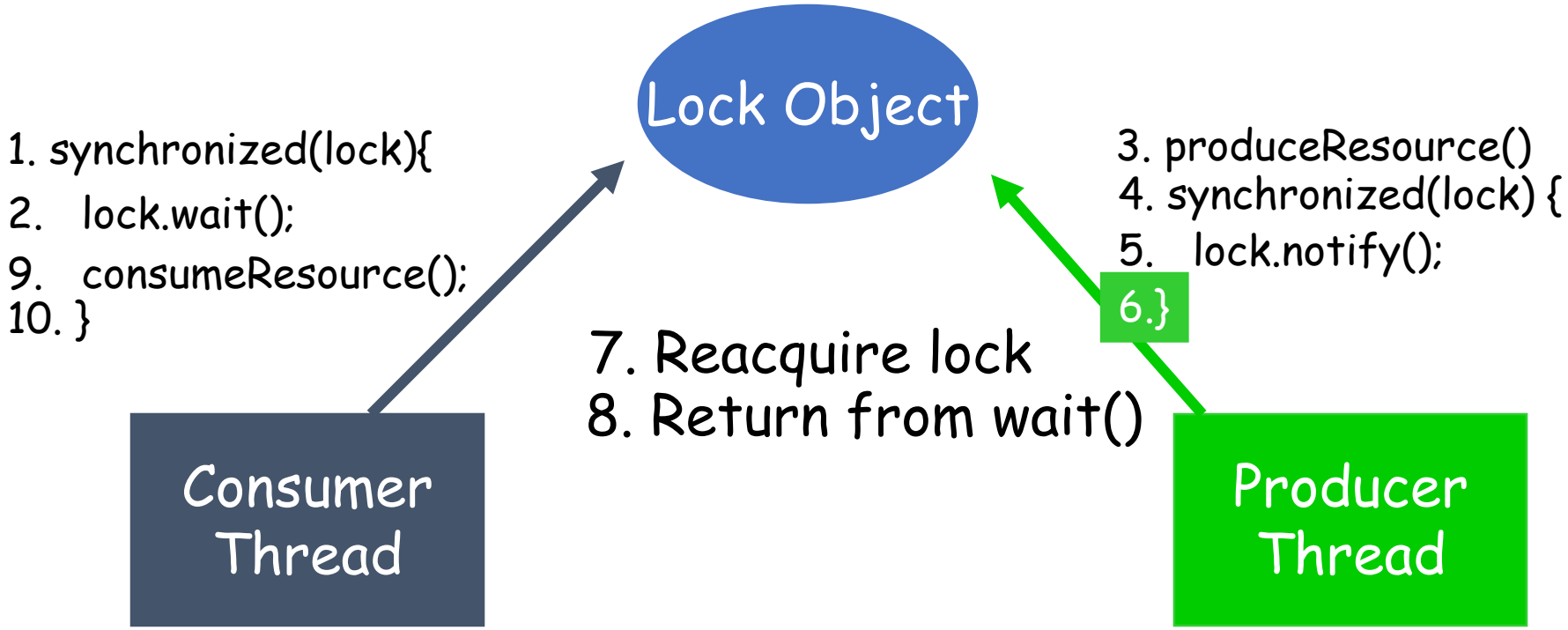

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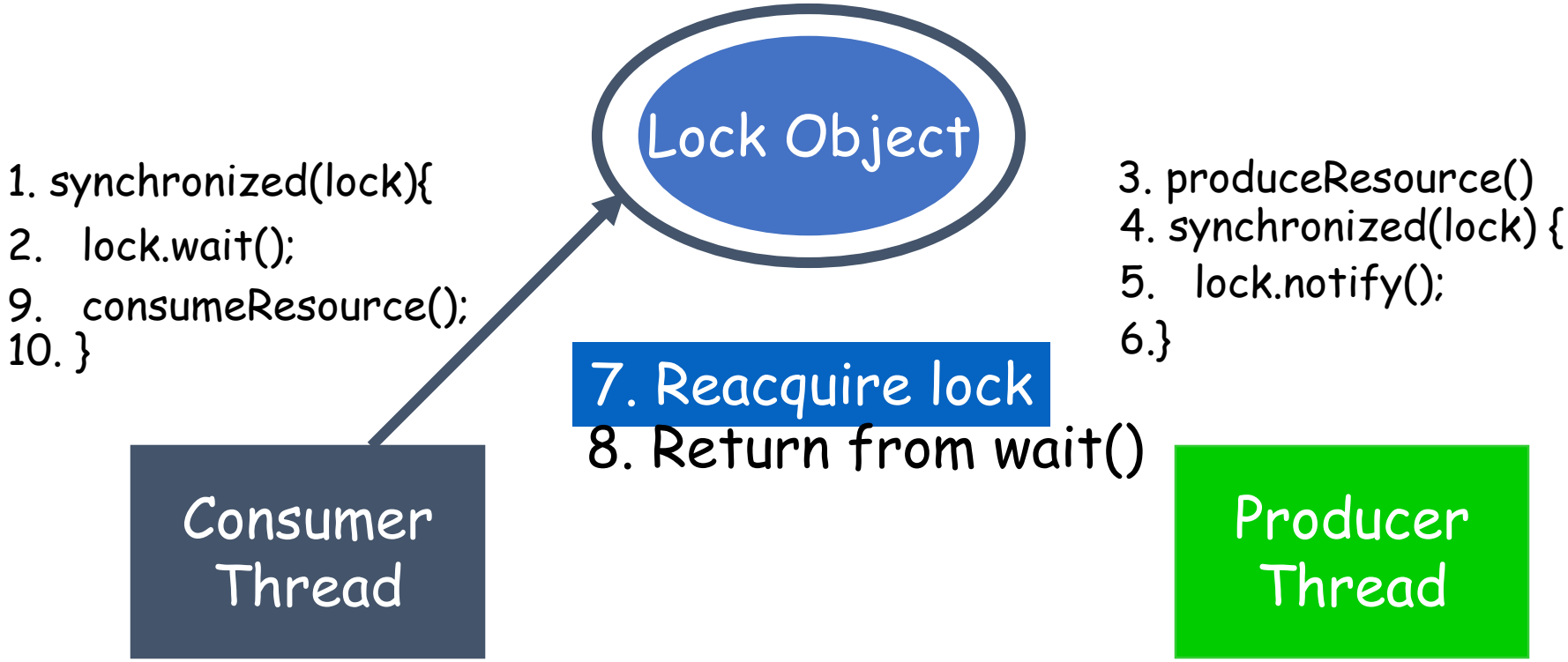

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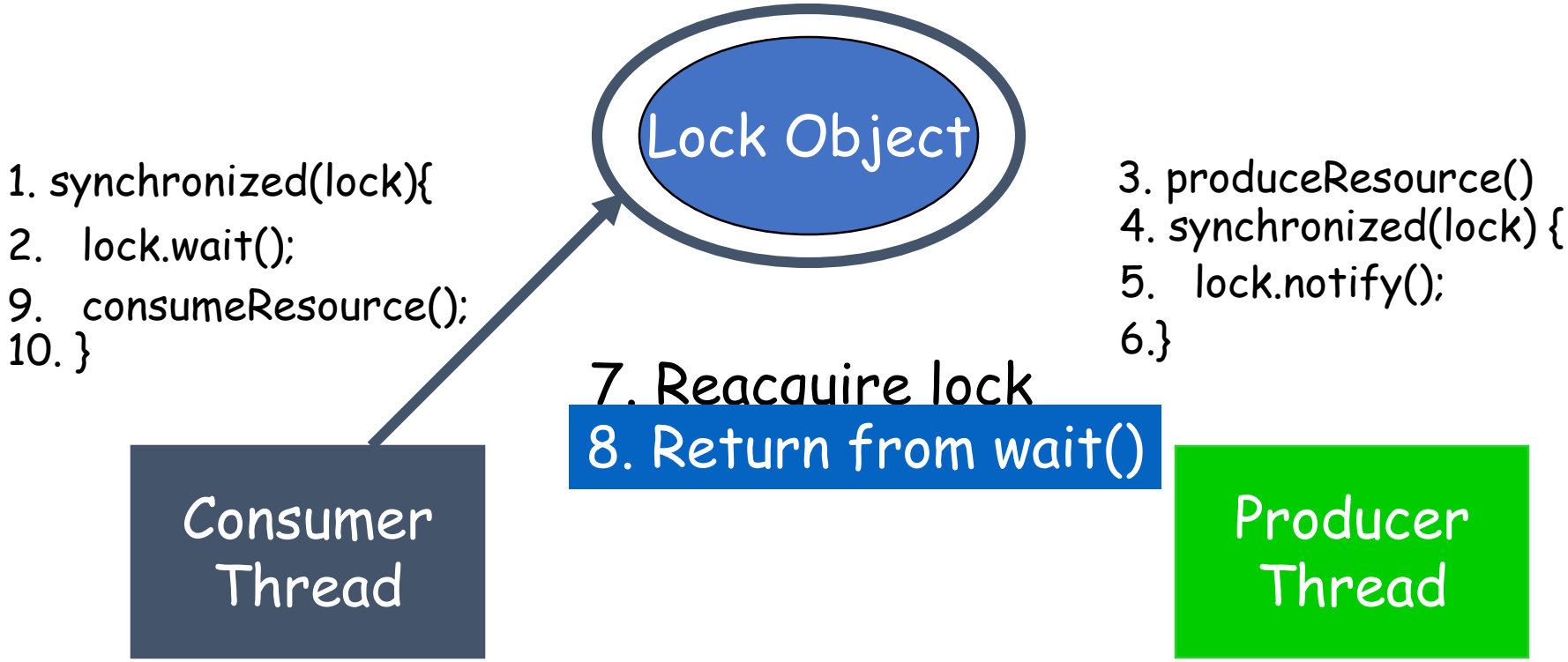

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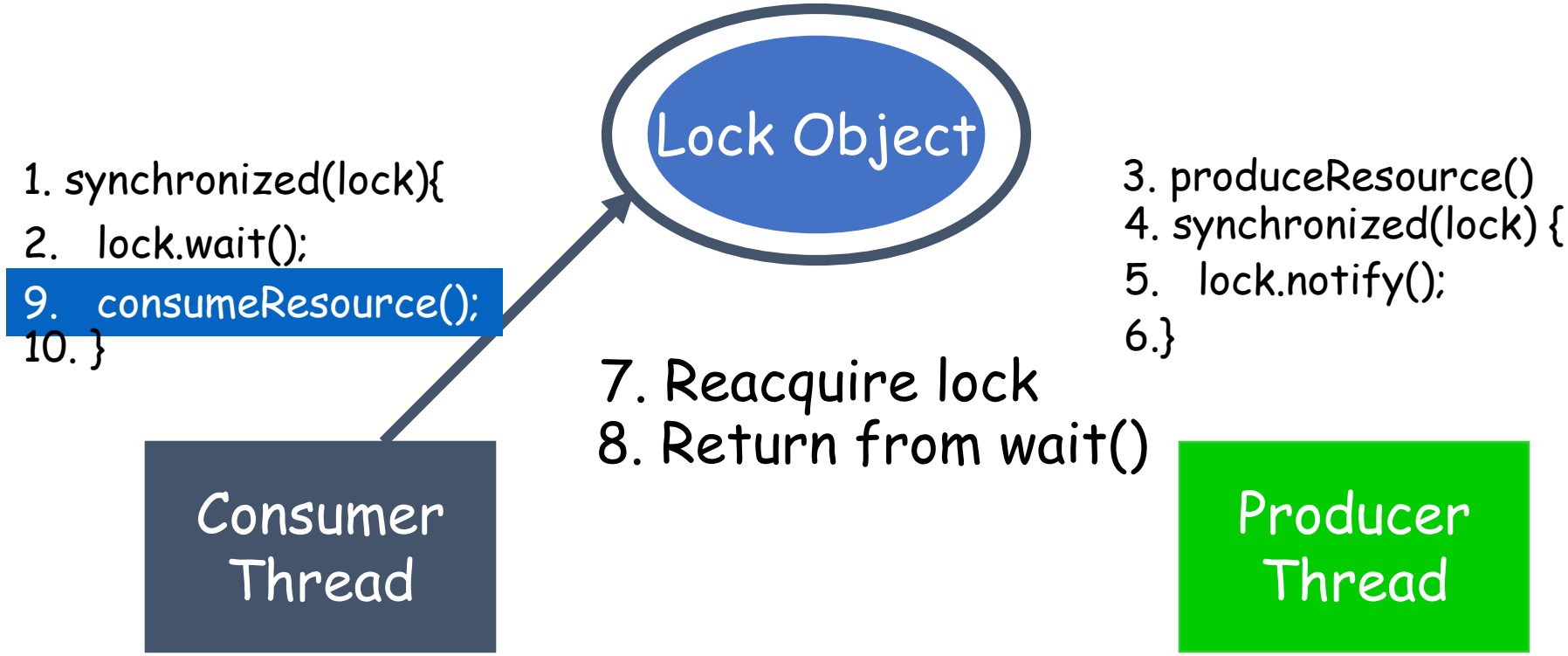

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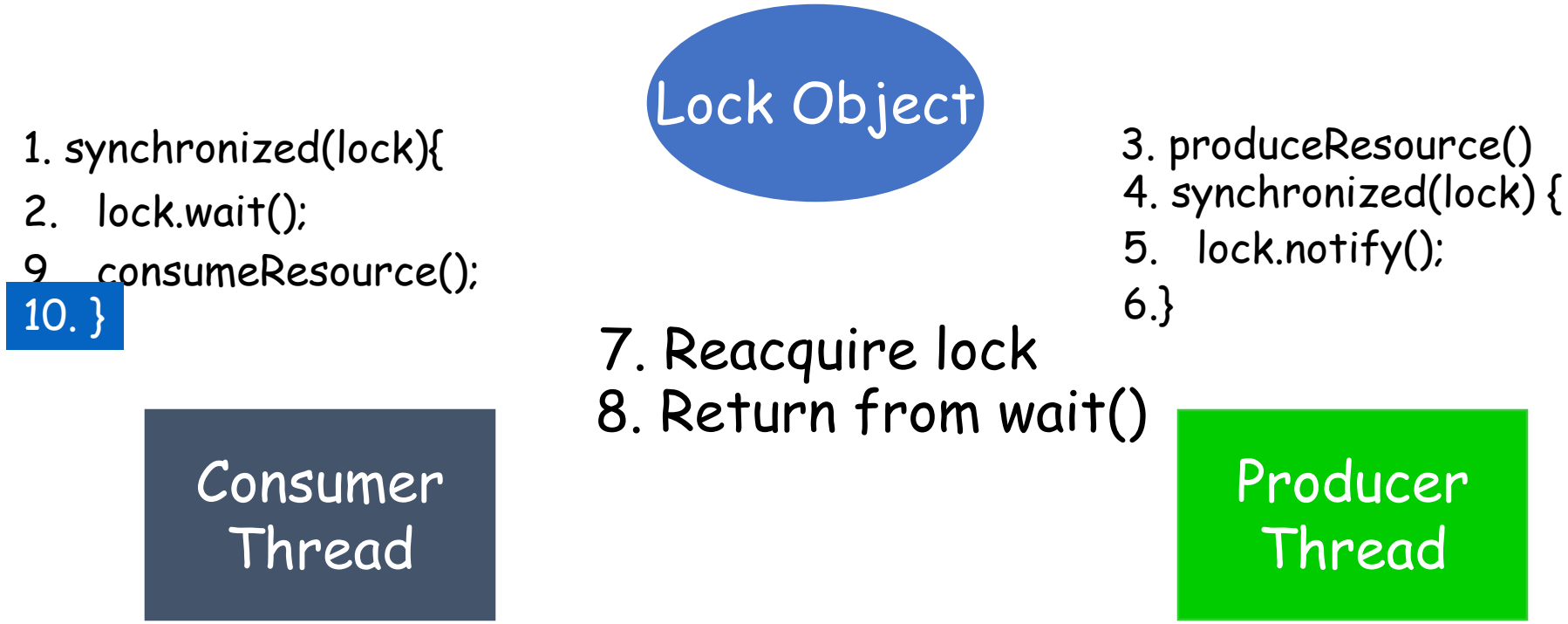

References

- Schildt, H. (2014). *Java: the complete reference*. McGraw-Hill Education Group..