

ACCESS CONTROL



Problem: Make sure that data can only be accessed by some users

Solution: Use cryptographic access controls

Applies primarily to

- ▶ Personal data (e.g. health data, personell records, ...)
- ▶ Top Secret data (e.g. company secrets)
- ▶ When “provable” access control is required

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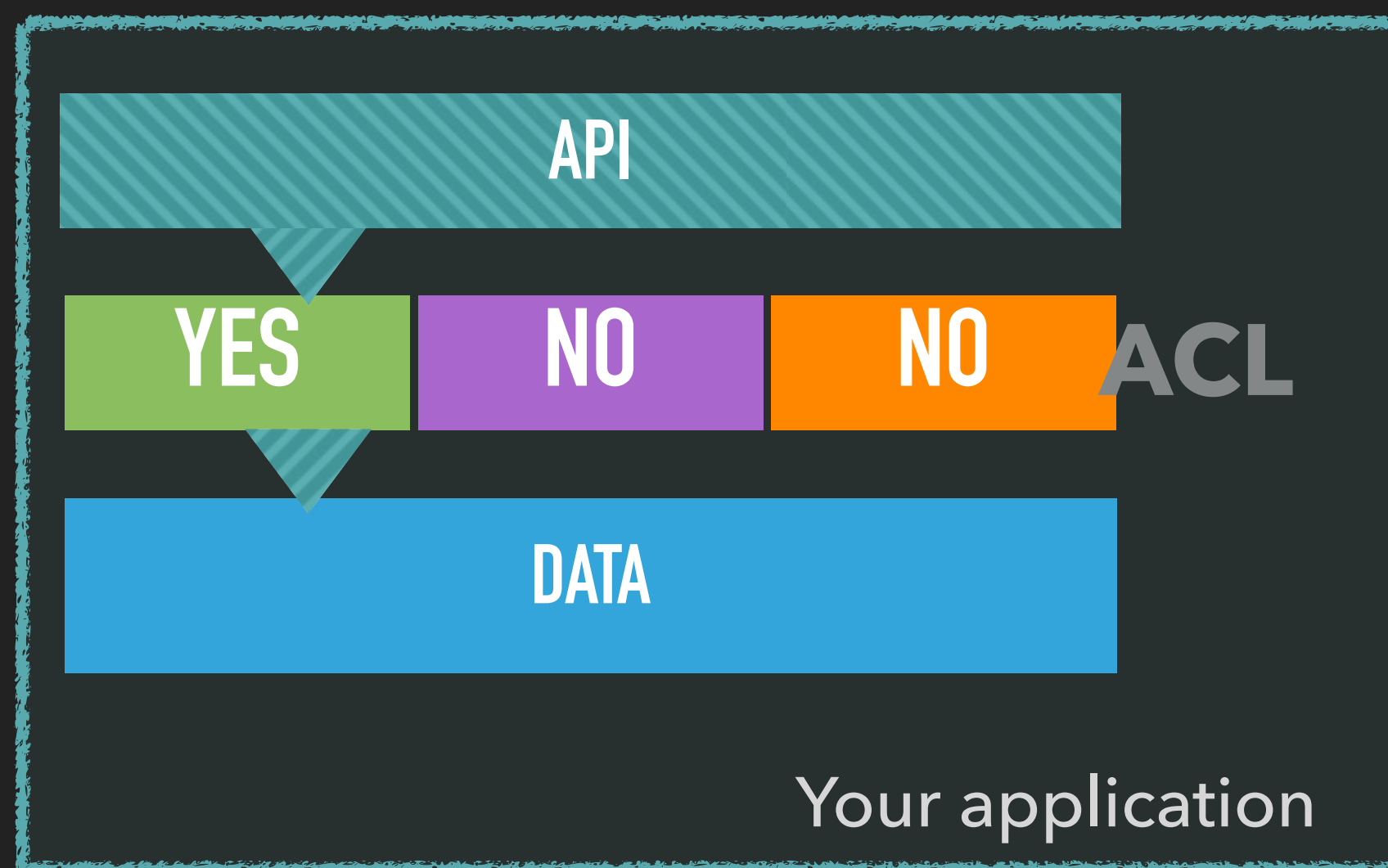
Alice



Bob



Eve



1. Alice tries to read data