

# Pros and cons of using formal methods

- ✓ Nothing better than a mathematical proof
  - ➔ A code “proven safe” is safe
- ⦿ Development is time and effort (and so money) consuming
  - ➔ Should be motivated by the risk analysis
- ⦿ Do not prevent from specification bugs
  - ➔ Example of network protocols

# Operating System Security

Exploit mitigation, Endpoint Detection and Response (EDRs), Security Policies