Scalability Principle

- Decentralization – *Monolith is an anti-pattern for Scalability*
  - More workers – Instances, Threads
  - Specialized workers – Services

- Independence
  - Multiple workers are as good as a single worker if they can't work independently
    - They must work concurrently to maximum extent
  - Independence is impeded by
    - Shared resources
    - Shared mutable data

NewTechWays