

Concurrency without explicit threads



- You can write concurrent applications that don't use explicit threads or synchronization
- Use built-in abstractions that support coordination and parallel execution

Key concepts

- thread-safe collections
- concurrent collections
- blocking queues
- synchronizers
- thread locals
- executors

Thread safe collections

- Standard collections or other abstractions that are intended to be thread safe
- Generally limited to one thread operating on them at a time
 - watch out for sequences that need to be atomic
- Can use Collections wrapped methods