

Messaging systems

- Messaging systems are asynchronous parallel systems
- In the background there is socket communication as well
- The system is asynchronous because we should not wait for the answer, execution flow is continuous, non-blocking.
- Each function call creates a message on the “Message Queue”. Message processing is always parallel in a different process.
- This indirect method facilitated the loose coupling of different systems.
- Guaranteed message delivery is feasible, because of the intermediate message queue.
- Synchronous function calls can be simulated with a second message queue.

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