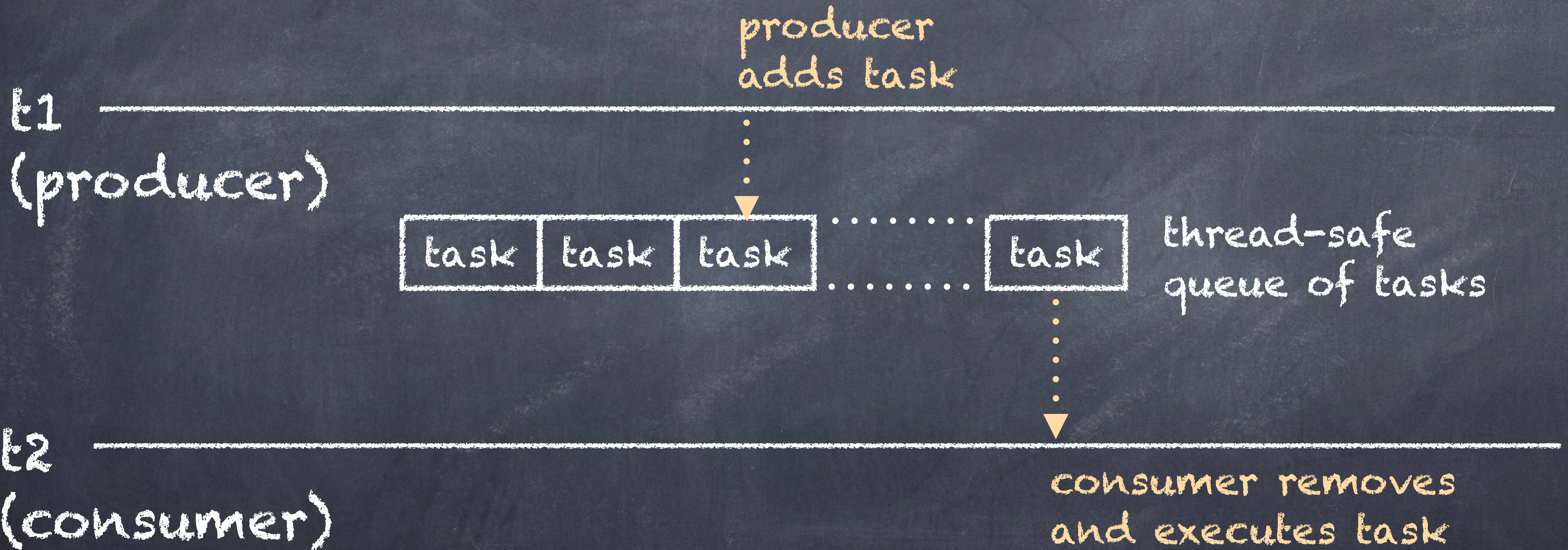


Producer/consumer queue

Producer/consumer queue



Producer/consumer queue

- A common pattern in multi-threaded code is the **producer/consumer queue**
- This code pattern supports multiple producers and consumers, and can easily scale up to high workloads.
- To build a producer/consumer queue you will need a **thread-safe queue** of tasks, and one **AutoResetEvent** to signal the consumers that a new task is available.
- The console is **not thread-safe**. If you change console settings, you will need to secure that operation with a lock statement.