

Transfer Queue in Java

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Agenda

- Introduction to transfer queue and its implementation.
- Code example of how to implement transfer queue.



Introduction

Transfer queue is a type of blocking queue which is used in the consumer-producer scenario wherein consumer has to wait for producer to produce something and share it via a queue.

Definition of a blocking queue (from Javadoc): A [Queue](#) that additionally supports operations that wait for the queue to become non-empty when retrieving an element, and wait for space to become available in the queue when storing an element.



Linked Transfer queue

An unbounded `TransferQueue` based on linked nodes.



References

- <https://docs.oracle.com/javase/8/docs/api/java/util/concurrent/TransferQueue.html>
- <https://docs.oracle.com/javase/8/docs/api/java/util/concurrent/LinkedTransferQueue.html>
- <https://docs.oracle.com/javase/8/docs/api/java/util/concurrent/BlockingQueue.html>



Thank you