

# Deque in Java

## A double ended queue or deque in Java

is a linear data structure that supports insertion and removal of elements from both ends (head and tail). It is usually pronounced “deck”, not “de queue”.

Java deque is an extended version of queue to handle a double-ended queue. It extends Queue interface with additional methods for adding and removing elements from both ends of queues.

Deque interface was recently introduced in Java 1.6 version. It is now part of the Java collections framework. It is present in java.util.Deque package.

## Double

ended queue in Java can be used as FIFO (first-in, first-out) queue or LIFO (last-in, first-out) queue. Adding elements in the middle of queue is not supported.

