# IBM MQ parameter FastTransferOrder=FIFO could provide better load balancing when multiple getters use the same queue

https://www.ibm.com/support/pages/node/6572739

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## IBM MQ Support
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**+ Question:**

In the following forum post, Morag mentioned a parameter FastTransferOrder. Is there more information on it?
https://www.ibm.com/mysupport/s/question/0D50z000062kHzoCAE/how-will-messages-be-delivered-if-multiple-mqgets-are-trying-to-get-messages-from-one-same-queue?language=en_US

+ begin excerpt

Morag, 5 Feb 2016

The default behaviour of the queue manager is to deliver messages to MQGET-waiters in a LIFO manner. It is more efficient for MQ to keep one thread/process 'hot' than to maximise context switching and deliver equal numbers of messages across the waiters.
In a real world set up it is not generally necessary to change this as work gets processed in the most efficient way and MQGET-waiters come and go and messages arrive on the queue in an unpredictable schedule. It is often seen when users are testing on a small scale and can see that the distribution is not round robin as they expected it would be.
If it truly is required to give up efficiency in order to have a more even distribution then it can be changed using the FastTransferOrder tuning parameter

+ end excerpt

+ Answer:

1) Even message distribution when getting messages

If multiple applications get messages from the same queue, then the messages will be evenly distributed between the get applications, if FIFO message delivery is enabled on the queue manager.
Procedure:
* Add the following tuning parameter to qm.ini
   TuningParameters:
      FastTransferOrder=FIFO
* Restart the queue manager
.
Possible values are: FastTransferOrder=[FIFO|LIFO]
Note that the default order is: LIFO
Where:
  FIFO = First In First Out
  LIFO = Last  In First Out

2) APAR IZ85974 - Implement the FastTransferOrder property.
IZ85974: IN WMQ V7.0 FASTTRANSFERORDER PARAMETER IS NOT WORKING AS EXPECTED WHEN ASYNCHRONOUS CONSUME IS BEING USED.
Fixed in: MQ Fix Pack 7.0.1.5 (queue manager)
The FastTransferOrder tuning parameter allows the queue manager to deliver messages in a more round-robin manner by servicing waiting MQGETs in FIFO order rather than the default LIFO order.
Add the following tuning parameter to qm.ini
   TuningParameters:
      FastTransferOrder=FIFO

+++ end