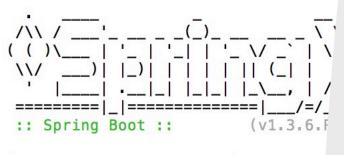


```
:: Spring
                                  (v1.3.6.RELEASE)
                        ,510] Random: prefix-00-Hev-00-0
  [2016-
                11:36:35,725] Random: prefix-00-biM-00-1
  [2016 -
                11:36:41,766] Random: prefix-00-dSs-00-2
  [2016-0]
                         7,822] Random: prefix-00-c0d-00-3
  [2016-08-
                11:2
 Please note the general
                         dex suffex that will be used to track the messages when running receivers.
2. Update the
                                       file of the demo-receiver and make sure it contains the following setting
1. Run Receiver
         - : -D .a
  /// /
  11/
               Boot ::
                                 (v1.3.6.RELEASE)
   :: Sp
 [2016-08-0]
                11:36:42,116] Upper: PREFIX-00-HEV-00-0
 [2016-08-03
                11:36:47,214] Upper: PREFIX-00-BIM-00-1
                11:36:52,982] Upper: PREFIX-00-DSS-00-2
 [2016-08-02
 [2016-08-
                11:36:58,336] Upper: PREFIX-00-COD-00-3
                11:37:03,374] Upper: PREFIX-00-NOC-00-4
 [2016-08
1. Run Multiple Receiver Just make sure to change the server port for each receiver
  - : -D .a ="-- . =8883"
 First receiver log
   [2016-08-03 11:47:35,237] Upper: PRE5TY A W LAGO ULT 11:47:35,237]
   [2016-08-03 11:47:47,313] Upper: PREFIX-00-MDB-00-112
   [2016-08-03 11:47:59,405] Upper: PREFIX-00-GGX-00-114
   [2016-08-03 11:48:11,492] Upper: PREFIX-00-WGD-00-116
```

Second receiver log

```
[2016-08-03 11:47:29,224] Upper: PREFIX-00-XPL-00-109
    [2016-08-03 11:47:41,276] Upper: PREFIX-00-RIY-00-111
    [2016-08-03 11:47:53,366] Upper: PREFIX-00-ULR-00-113
    [2016 -
                 [3 11:48:05,451] Upper: PREFIX-00-TWC
    [2016-
                 3 11:48:17,533] Upper: PREFIX-00-BRM
                 B 11:48:29,616] Upper: PREFIX-00-IUR
    [2016-
   [2016-08
                 3 11:48:41,698] Upper: ⊬REFIX≚ሀፀ≏⊬የ∠≟ሀ
  Note that the receivers are competing for the messages.
                 r With Queue Destination and with Consumer Galluping
Sender/Receix
 1. Keep the sender
 2. Terminate the re
 3. Re-run the first r
                er with the following command
                                             =8882,-- .
    :: Spring Boot ::
   2016-08-03
                               .c.a.c.s.b.i.IbmMqMessageChannelBinder:142 - Defining group with a QUEUE destination type has no effect
   [2016-08-03
                               FIX-00-NCZ-00-197
   [2016-08-0
                              EFIX-00-TUN-00-198
                  tue Destination type has no sense, so it has no effect on functionality and a warning message is logged in this case.
   The grouping wit
Sender/Receiver Wil
                              b Destination and No Consumer Grouping
 1. Terminate the sender
 2. Update the
                                              file of the demo-sender and demo-receiver and make sure it contains the following setting
 1. Run sender
            - : -D .a
    /// /
   (())
     ///
    :: Spring
                 Boot ::
                                       (v1.3.6.RELEASE)
   [2016-08-08 12:07:40,430] Random: prefix-00-eGY-00-0
                3 12:07:46,634] Random: prefix-00-GkJ-00-1
   [2016-08]
                 12:07:52,678] Random: prefix-00-abG-00-2
   [2016-0]
 1. Run Multiple Re
```

- : -D .a ="-- . =8882"



[2016-08-03 12:10:48,120] Upper: P [2016-08-03 12:10:54,129] Upper: P

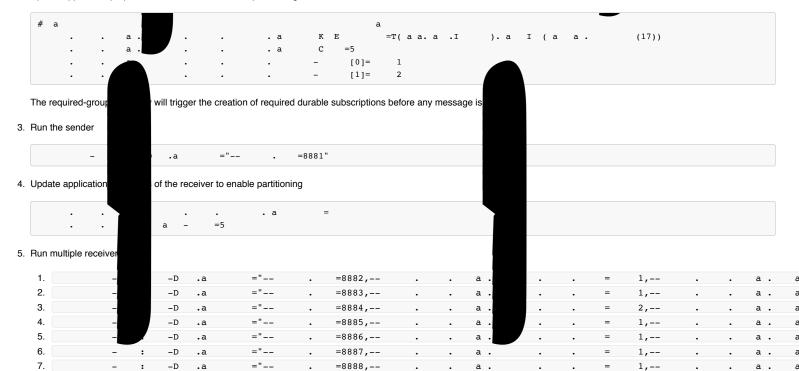
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And the message "prefix-00-aXu-00-11" will have suffix index equal to 11 and will be routed to partition 11%5 = 1

2. We will have multiple receivers that will subscribe to one of the partitions and so will ONLY receive messages related to this partition.

## **Steps**

- 1. Terminate the sender and receivers.
- 2. Update application.properties of the sender to enable partitioning



In this topology we have

- Receiver #1 and #2 both in "group1" will compete for messages in partition 0
- Receiver #3 in "group2" will receive another copy of messages in partition 0
- o Receiver #4 in "group1" will receive messages in partition 1
- Receiver #5 in "group1" will receive messages in partition 2
- Receiver #6 in "group1" will receive messages in partition 3
- Receiver #7 in "group1" will receive messages in partition 4