# Queue connection loss handling in spring

* Current implementation: Messages will be „acked“ by default to the connection broker, if the function exits without error. All known errors are caught (transaction exceptions etc.)
* If unknown exception occurs during read from queue, the message will be requeued (we caught the known exceptions that no endless requeing happens)
* Messages should be marked as „persistent“ (by default), and queue should be „durable“ (Rabbit MQ is durable)
* On connection loss, Spring automatically tries reconnect to the amqp connection broker
* See also: <https://stackoverflow.com/questions/42981299/automatic-retry-connection-to-broker-by-spring-rabbitmq>
* <https://groups.google.com/forum/#!topic/rabbitmq-users/qyvmC3bRvmY>
* <https://stackoverflow.com/questions/38206347/how-to-mark-a-message-as-persistent-using-spring-rabbitmq>