

STOMP

MESSAGE	Direction	Required Parameters	Optional Parameters	Expected Response
CONNECT	C->S	Login, passcode		CONNECTED
CONNECTED	S->C	session_id		
SEND	C->S	Destination	Receipt, content-length, transaction, correlation-id, expires, persistent, priority, reply-to, type, JMSXGroupID,	If receipt specified, RECEIPT
SUBSCRIBE	C->S	Destination	Receipt, ack, selector, activemq.dispatchAsync, activemq.exclusive, activemq.maximumPendingMessageLimit, activemq.noLocal, activemq.prefetchSize, activemq.priority,	If receipt specified, RECEIPT
UNSUBSCRIBE	C->S	Destination	Receipt	If receipt specified, RECEIPT
BEGIN	C->S	Transaction	Receipt	If receipt specified, RECEIPT
COMMIT	C->S	Transaction	Receipt	If receipt specified, RECEIPT
ABORT	C->S	Transaction	Receipt	If receipt specified, RECEIPT
ACK	C->S	Message-id	Receipt, transaction	If receipt specified, RECEIPT
DISCONNECT	C->S			
MESSAGE	S->C	Destination, message-id	Content-length, correlation-id, expires, persistent, priority, reply-to, type, JMSXGroupID, JMSXGroupSeqID	
RECEIPT	S->C	receipt_id		
ERROR	S->C	Message	Content-length	

KEY

JMS Headers: XXX

ActiveMQ Extensions: XXX

OpenWire

MESSAGE	Direction	Parameters	Notes	Expected Response
ConnectionInfo	C->S	ResponseRequired, commandId, connectionId, clientId, password, userName, brokerPath		Some ack – caller doesn't care
WireFormatInfo	Both	ResponseRequired, commandId, magic, version, properties, stackTraceEnabled, tcpNoDelayEnabled, sizePrefixDisabled, tightEncodingEnabled, cacheEnabled		Some ack – caller doesn't care
SessionInfo	C->S	ResponseRequired, commandId, sessionId		Some ack – caller doesn't care
MessageAck	C->S	ResponseRequired, commandId, destination, transactionId, consumerId, ackType, firstMessageId, lastMessageId, messageCount		Some ack – caller doesn't care, sent as one-way when maximumRedeliverCount exceeded.
ProducerInfo	C->S	ResponseRequired, commandId, producerId, destination, brokerPath		Some ack – caller doesn't care
ConsumerInfo	C->S	ResponseRequired, commandId, ConsumerId, browser, destination, prefetchSize, maximumPendingMessageLi mit, dispatchAsync, selector, subscriptionName, noLocal, exclusive, retroactive, priority, brokerPath, additionalPredicate, networkSubscription		Some ack – caller doesn't care

OpenWire

TransactionInfo	C->S	ResponseRequired, commandId, connectionId, transactionId, type	Same structure used for begin, commit, and rollback.	None.
ActiveMQMessage	Both	ResponseRequired, commandId, producerId, destination, transactionId, originalDestination, messageId, originalTransactionId, groupId, groupSequence, correlationId, persistent, expiration, priority, replyTo, timestamp, type, content, marshalledProperties, dataStructure, targetConsumerId, compressed, redeliveryCounter, brokerPath, arrival, userID, receivedByDFBridge		Some ack – caller doesn't care
ActiveMQBytesMessage	Both	ResponseRequired, commandId, producerId, destination, transactionId, originalDestination, messageId, originalTransactionId, groupId, groupSequence, correlationId, persistent, expiration, priority, replyTo, timestamp, type, content, marshalledProperties, dataStructure, targetConsumerId, compressed, redeliveryCounter, brokerPath, arrival, userID, receivedByDFBridge		Some ack – caller doesn't care

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ActiveMQTextMessage	Both	ResponseRequired, commandId, producerId, destination, transactionId, originalDestination, messageId, originalTransactionId, groupId, groupSequence, correlationId, persistent, expiration, priority, replyTo, timestamp, type, content, marshalledProperties, dataStructure, targetConsumerId, compressed, redeliveryCounter, brokerPath, arrival, userID, receivedByDFBridge		Some ack – caller doesn't care
ActiveMQStreamMessage	Both	ResponseRequired, commandId, producerId, destination, transactionId, originalDestination, messageId, originalTransactionId, groupId, groupSequence, correlationId, persistent, expiration, priority, replyTo, timestamp, type, content, marshalledProperties, dataStructure, targetConsumerId, compressed, redeliveryCounter, brokerPath, arrival, userID, receivedByDFBridge		Some ack – caller doesn't care

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ActiveMQMapMessage	Both	ResponseRequired, commandId, producerId, destination, transactionId, originalDestination, messageId, originalTransactionId, groupId, groupSequence, correlationId, persistent, expiration, priority, replyTo, timestamp, type, content, marshalledProperties, dataStructure, targetConsumerId, compressed, redeliveryCounter, brokerPath, arrival, userID, receivedByDFBridge		
ActiveMQObjectMessage	?	ResponseRequired, commandId, producerId, destination, transactionId, originalDestination, messageId, originalTransactionId, groupId, groupSequence, correlationId, persistent, expiration, priority, replyTo, timestamp, type, content, marshalledProperties, dataStructure, targetConsumerId, compressed, redeliveryCounter, brokerPath, arrival, userID, receivedByDFBridge	??? ... Doesn't seem to be used directly by the client code	
BrokerInfo	S->C	ResponseRequired, commandId, brokerId, brokerURL, peerBrokerInfos, brokerName, slaveBroker		
ShutdownInfo	C->S	ResponseRequired, commandId	Sent as a disconnect to the server	None.

OpenWire

RemoveInfo	C->S	ResponseRequired, commandId, objectId	Sent to server to remove some object (connectionId, consumerId, producerId, sessionId).	Some ack – caller doesn't care
ExceptionResponse	S->C	ResponseRequired, commandId, correlationId, exception	Owns a BrokerError	
BrokerError	S->C	ResponseRequired, commandId, message, exceptionClass, stackTraceElements, cause, stackTrace	Encapsulated in an ExceptionResponse	
ConnectionError	S->C	ResponseRequired, commandId, message, exceptionClass, stackTraceElements, cause, stackTrace	??? ... Doesn't seem to be used directly by the client code	
ControlCommand	?	ResponseRequired, commandId, command	??? ... Doesn't seem to be used directly by the client code	
FlushCommand	?	ResponseRequired, commandId	??? ... Doesn't seem to be used directly by the client code	
KeepAliveInfo	?	ResponseRequired, commandId	??? ... Doesn't seem to be used directly by the client code	
MessageDispatch	?	ResponseRequired, commandId, consumerId, destination, message, redeliveryCounter		
MessageDispatchNotification	?	ResponseRequired, commandId, consumerId, destination, deliverySequenceId, messageId	??? ... Doesn't seem to be used directly by the client code	
RemoveSubscriptionInfo	?	ResponseRequired, commandId, connectionId, subscriptionName, clientId	??? ... Doesn't seem to be used directly by the client code	

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ReplayCommand	?	ResponseRequired, commandId, firstNakNumber, lastNakNumber	??? ... Doesn't seem to be used directly by the client code	
dataArrayResponse	S->C	ResponseRequired, commandId, correlationId, data	Extends Response – may be used by client code, but discarded.	
DataResponse	S->C	ResponseRequired, commandId, correlationId, data	Extends Response – may be used by client code, but discarded.	
IntegerResponse	S->C	ResponseRequired, commandId, correlationId, result	Extends Response – may be used by client code, but discarded.	