



Amazon Simple Queue Service (Version 2008-01-01)

Quick Reference Card

Reminders

- Delete your messages after receiving them
- If you see a lot of duplicates, verify that you're really deleting the messages
- When the application starts, use CreateQueue to ensure that a queue exists
- Get the ApproximateNumberOfMessages attribute to determine if a queue is empty
- Wait 60 seconds after deleting a queue before creating a new queue with same name
- Visibility timeout is in seconds, not milliseconds

WSDL: <http://queue.amazonaws.com/doc/2008-01-01/QueueService.wsdl>

Schema: <http://queue.amazonaws.com/doc/2008-01-01/QueueService.xsd>

Allowed Unicode characters in message:

#x9 | #xA | #xD | [#x20 to #xD7FF] | [#xE000 to #xFFFF] | [#x10000 to #x10FFFF]

GetQueueAttributes

Request includes:

- AttributeName
(valid values: All | ApproximateNumberOfMessages | VisibilityTimeout)

Response includes:

- Attribute element

SetQueueAttributes

Request includes:

- Attribute.Name
- Attribute.Value

Response includes:

- Nothing besides basic response information

Operations

CreateQueue

Request includes:

- QueueName (80 chars max, hyphens and underscores allowed)
- DefaultVisibilityTimeout (in seconds, max 7200 seconds) — optional

Response includes:

- QueueURL element

SendMessage

Request includes:

- MessageBody (max 8 KB)
- DefaultVisibilityTimeout (in seconds, max 7200 seconds) — optional

Response includes:

- MD5OfMessageBody
- MessageId

ListQueues

Request includes:

- QueueNamePrefix (80 chars max) — optional

Response includes:

- Zero or more QueueURL elements

ReceiveMessage

Request includes:

- MaxNumberOfMessages (max 10) — optional
- VisibilityTimeout (in seconds, max 7200 seconds) — optional

Response includes:

- Message element, containing Body, MD5OfBody, MessageId, and ReceiptHandle

DeleteQueue

Request includes:

- Queue name as part of request endpoint

Response includes:

- Nothing besides basic response information

DeleteMessage

Request includes:

- Receipt handle

Response includes:

- Nothing besides basic response information