
LeadPipe.RabbitHole Documentation

Release 1.0.0

Lead Pipe Software

July 15, 2016

1	Installation	3
1.1	Windows	3
1.2	OS X	3
1.3	Linux	3
2	User Guide	5
2.1	Snag	5
2.2	Queue	5
2.3	Shuttle	5
2.4	Replay	5
2.5	Configuration	6
3	Issues	7

[Source Code](#) | [Report Issues](#)

RabbitHole is a RabbitMQ message utility. It can:

- Save a copy of messages in a queue as a JSON file (snag)
- Send messages to a queue from a JSON file (queue)
- Get messages from a queue and put them on another queue (shuttle)
- Return messages to their source queue (replay)

Contents:

Installation

1.1 Windows

Coming very soon!

1.2 OS X

Coming very soon!

1.3 Linux

Coming very soon!

2.1 Snag

Save a copy of messages in a queue as a JSON file.

Sometimes you want to save a copy of a message in a queue. Hey, you might even want to save the whole queue! That's where the snag command comes in handy.

```
$ ./rabbithole.exe snag -q MyRabbitQueue -m 1 -a snagged.json
```

2.2 Queue

Send messages to a queue from a JSON file.

What about the other way around? Let's say you want to publish a message using a JSON-formatted source file. That's where the queue command steps in.

```
$ ./rabbithole.exe queue -d MyRabbitQueue -f snagged.json
```

You can specify a JSON file with a single message, a JSON file containing an array of multiple messages, or a folder containing JSON files.

2.3 Shuttle

Get messages from a queue and put them on another queue.

Need to move messages from one queue to another? The shuttle command has you covered.

```
$ ./rabbithole.exe shuttle -q FooQueue -d BarQueue -m 5
```

You can shuttle a single message or as many messages as you'd like!

2.4 Replay

Return messages to their source queue.

What about simply re-playing a message by returning it to its source queue? Fire up the handy replay command!

```
$ ./rabbithole.exe replay -q FooQueue -m 5
```

You can replay a single message or as many messages as you'd like!

2.5 Configuration

RabbitHole is a command-line tool and almost every option can be specified as an argument. To see what you can do, just ask!

```
$ ./rabbithole.exe -h
```

To get help with a specific command simply supply the command name like this:

```
$ ./rabbithole.exe replay -h
```

In addition, RabbitHole supports the (optional, but installed by default) use of a configuration file. Here's an example (tweaked for NServiceBus).

```
[General]
Simulate=False
MaxThreads=1000
;;; The Verbose, Silent, and Debug options are mutually exclusive - set ONE of them True or ALL of them False
Verbose=False
Silent=False
Debug=False

[Messages]
SourceQueueFields=NServiceBus.FailedQ,NServiceBus.ProcessingEndpoint
FieldsToRemove=NServiceBus.FLRetries,NServiceBus.Retries,$.diagnostics.originating.hostid,$.diagnostics.timestamp

[RabbitMQ]
HostUrl=http://localhost
HostPort=15672
VHost=%2F
Username=guest
;;; Putting the password in a plain text file is a TERRIBLE idea, but if you insist...
Password=guest
```

Issues

Found a bug? You can report it on the project's *GitHub Issues* page
<<https://github.com/LeadPipeSoftware/LeadPipe.RabbitHole/issues>>.