

Queuing & Notification Service

... made by and for OpenStack

What is it?

What isn't it?

Architecture

API v1

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Very proud Red Hatter, who's also part of the MongoDB Master team and has contributed to Open Source since... forever.

One of those who thinks about programming when he's not programming.

Who's this
dude?

RDO

member of 

It is a ...

Queuing service

Queues
Messages
Claims

It is a ...

Messaging Service

Req / Rep
Pub / Sub

It is a ...

Bugs
Very young project WIP Ideas
Missing pieces

It is NOT a ...

Replacement for
QPID, RabbitMQ, ZMQ

It is NOT a ...

Incubated, yet!

Plugin Based Transports Storage

Transports HTTP
ZMQ

HTTP Falcon
No container

Storages SQLite
MongoDB

Authentication Keystone

API v1

RESTful CRUD Collections

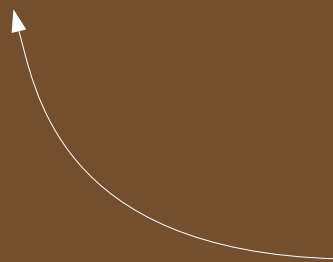
API v1

RESTful CRUD Collections

API consistency planned throughout transports



FIFO Guaranteed



... don't run out there just to test it

Paginated ACCESS Limited Streamed

Max Size
CUSTOM Max Bulk

...

QUEUES Metadata 64b Name

API v1

MESSAGES TTL Echo

CLAIMS TTL
Grace

BEST EFFORT Bulks Claims

It is a ...

API over queues
Some benefits Service oriented
Easy to scale

Q&A

<http://wiki.openstack.org/Marconi>

Thanks

we're hiring



redhat.