Background

Celery is a python distributeed tasks/job queue. That queue is used to distribute work among threads or machine.

Celery coomunicates through a broker - an exrernal message passer.

Results are save in a backend.

Message Passing - Broker

Celery has several option for message passing - called *Broker*. Among them are RabbitMQ, Redis, AmazonSQS and Zookeeper. The following table summarize broker peoperties with respect to Celery[[1]](#footnote-1).

| Name | Status | Monitoring | Remote Control |
| --- | --- | --- | --- |
| RabbitMQ | Stable | Yes | Yes |
| Redis | Stable | Yes | Yes |
| Amazon SQS | Stable | No | No |
| Zookeeper | Experimental | No | No |

Saving Results - Backend

Advange

has several options, including RabbbitMQ, Redis, Amazon SQS. RabbitMQ is the recommended broker, and the one used during the tutorial.

Resuslts

Results are saved by a backend service. The default is none. That is, by default the results are not saved.

1. Source: http://docs.celeryproject.org/en/latest/getting-started/brokers/index.html, 5/10/2018 [↑](#footnote-ref-1)