PyCon US · 24

By the community, for the community

Distributed & Async Task Queues

C E L E R Y

Tutorial By: Daksh Gupta

Distributed & Async Task Queues

python™

CELERY

Tutorial By: Daksh Gupta

LinkedIn .com/in/iDaksh

twitter.com/in/iDakshG

Distributed & Async Task Queues

Tutorial Outline

- Duration : ~3 hrs
- Break : ~20 Mins
- Celery Basics
- Advance Topics

Introduction - Daksh Gupta

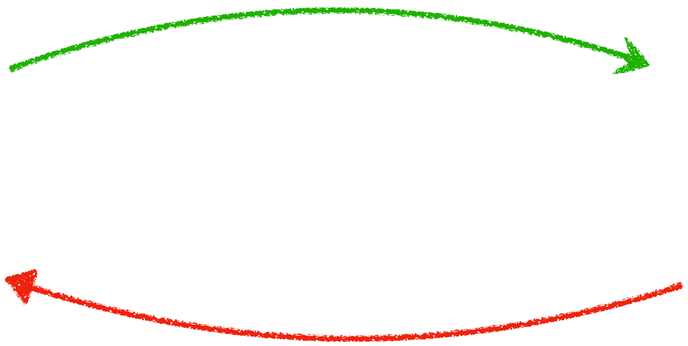
Official Passport Name: Deepak K Gupta

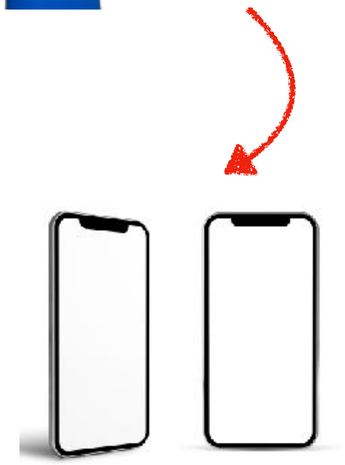
- Software Product Development Consultant
- ~23 years of coding (Python, ++)
- Have worked with Startups, Symbian & NOKIA

youtube.com/@CognitiveProgrammer

medium.com/@CognitiveProgrammer

General

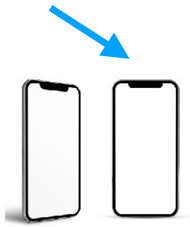




Notifications

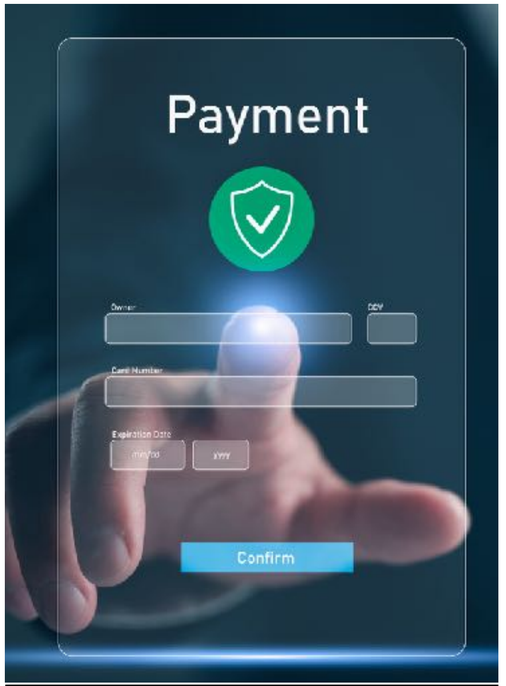
Banking Operating System (Software)

Does BOS Needs to be closely Integrated with SMS Notification System?



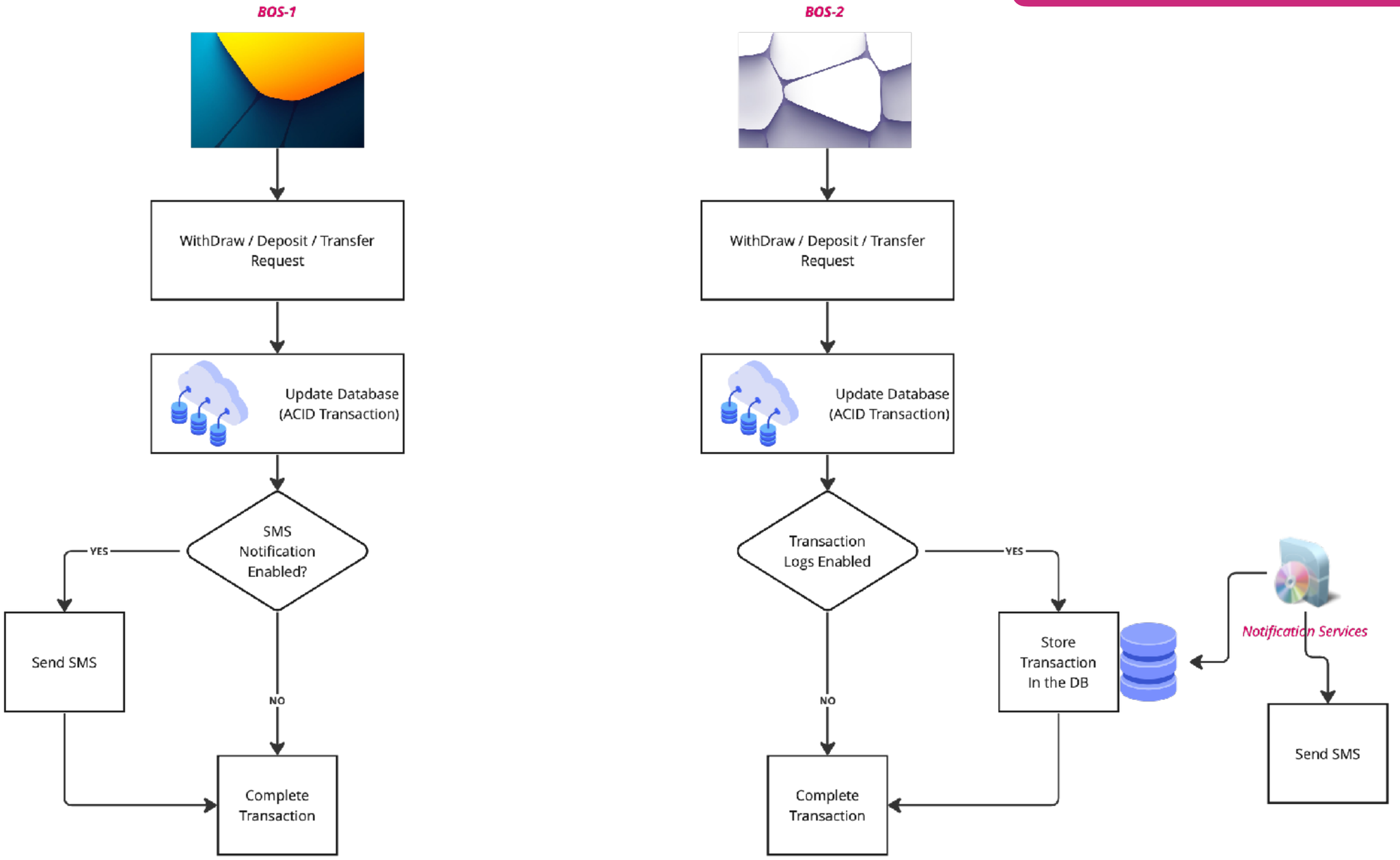
Notifications

Deposit / Withdraw / Transfer



BOS
(Bank Operating System)

The Better Version? BOS-1 Vs. BOS-2



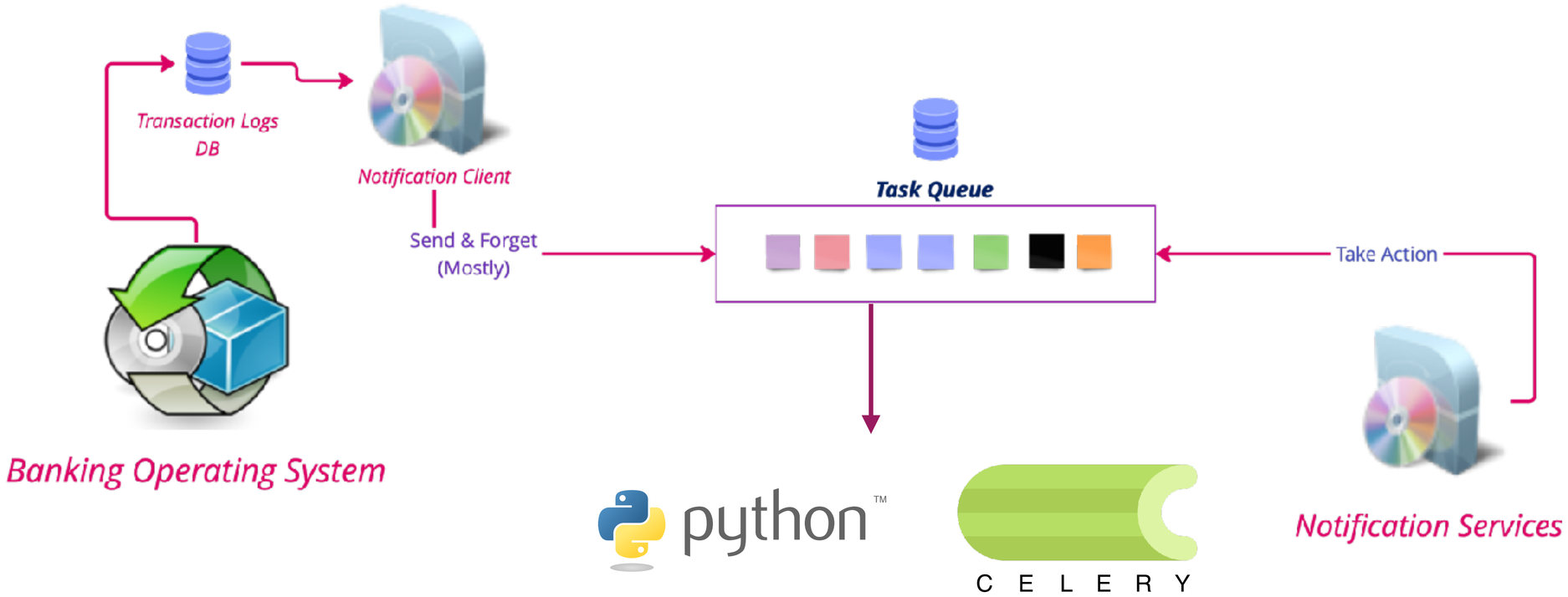
Banking Operating System

Notification Services

SMS

WhatsApp

X/Twitter
DM



APACHE ACTIVEMQ

kafka

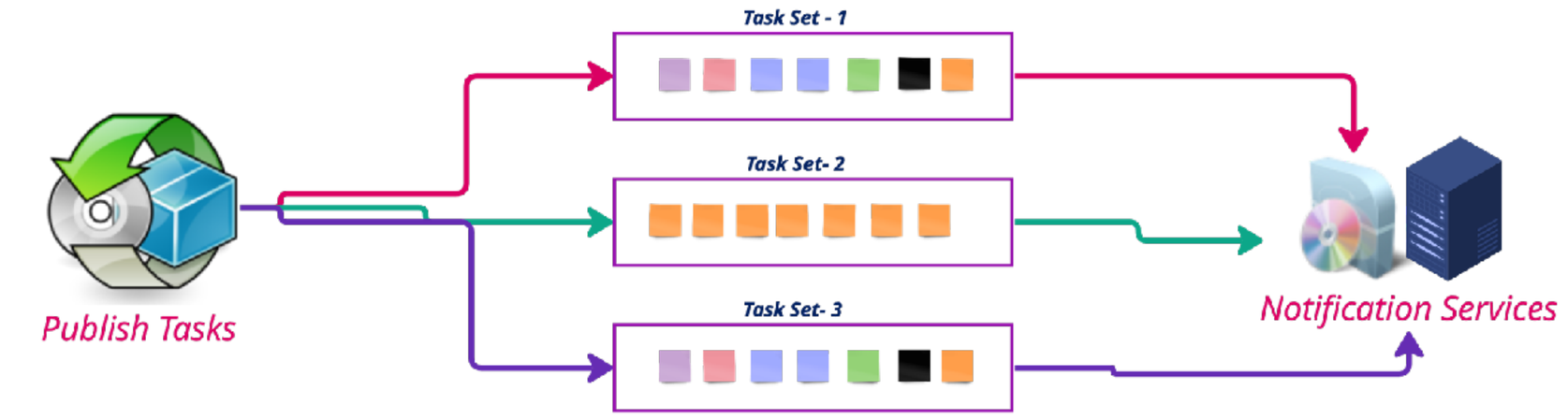
CELERY

RabbitMQ

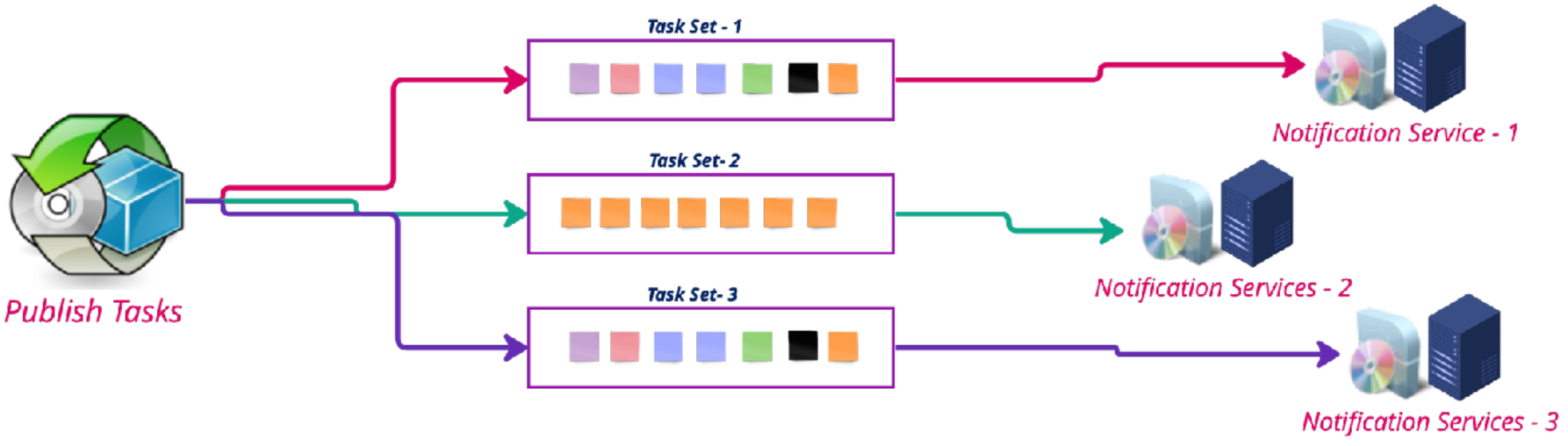
Google Cloud Pub/Sub

Microsoft Azure
Queue Storage

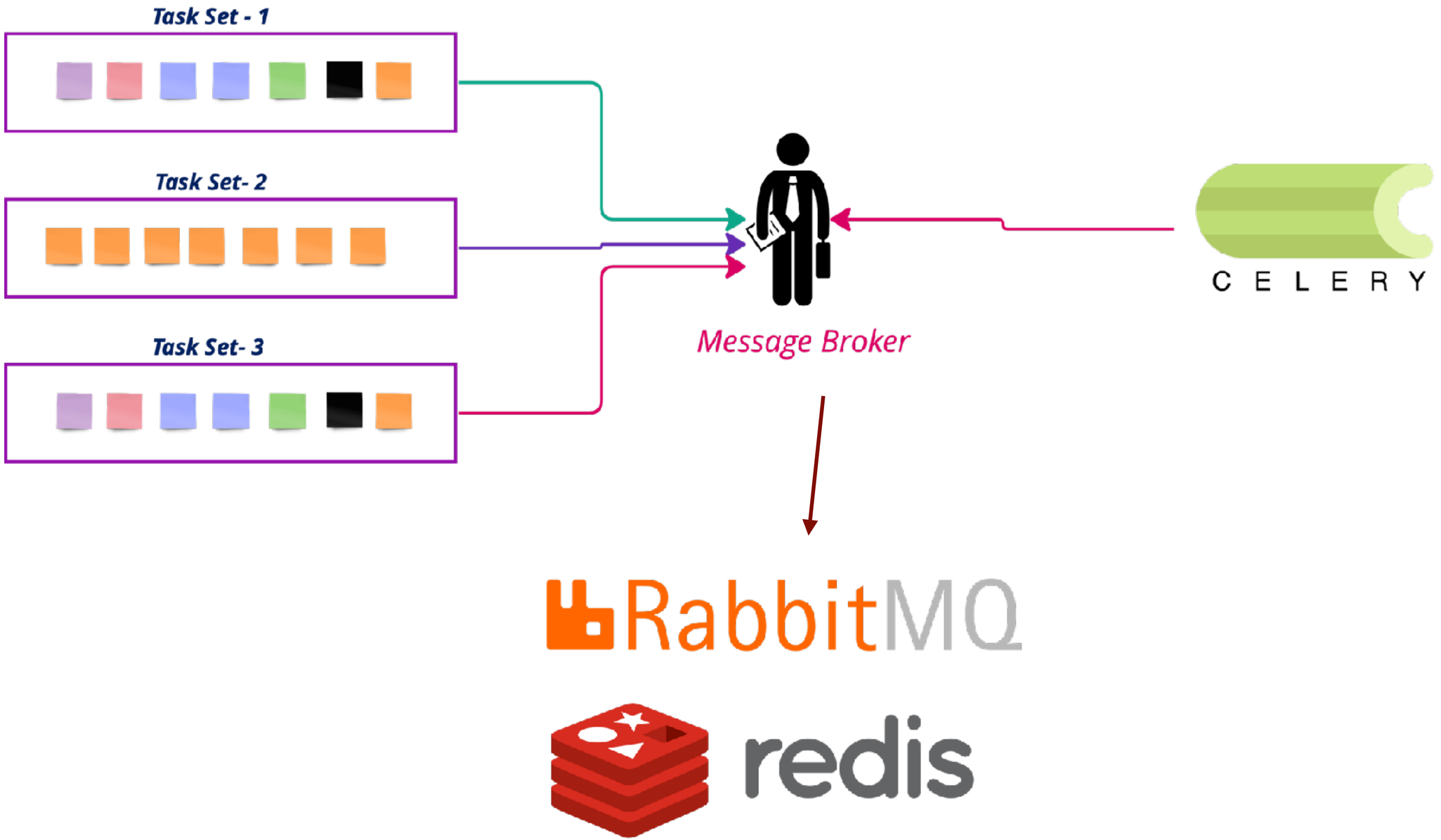
Task Queue(s) Deployment Modes

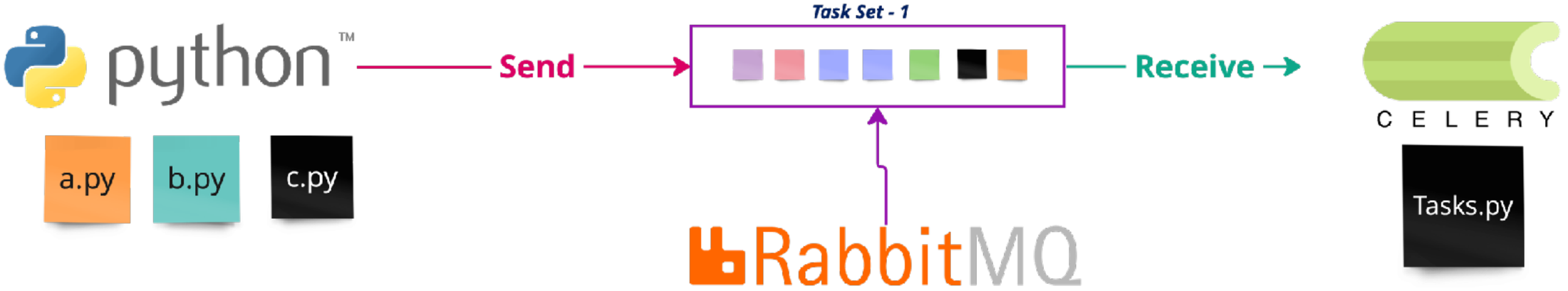


Standalone



Cluster


Task Set - 1
Task Set- 2
Task Set- 3
Message Broker
CELERY
RabbitMQ
redis


python
a.py
b.py
c.py
Send
Task Set - 1
Receive
RabbitMQ
CELERY
Tasks.py