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Http Sink Connector

Request / Acknowledgement

Agenda

1. Use case overview
2. HttpSinkConnector configuration
3. Workflow
4. Demo

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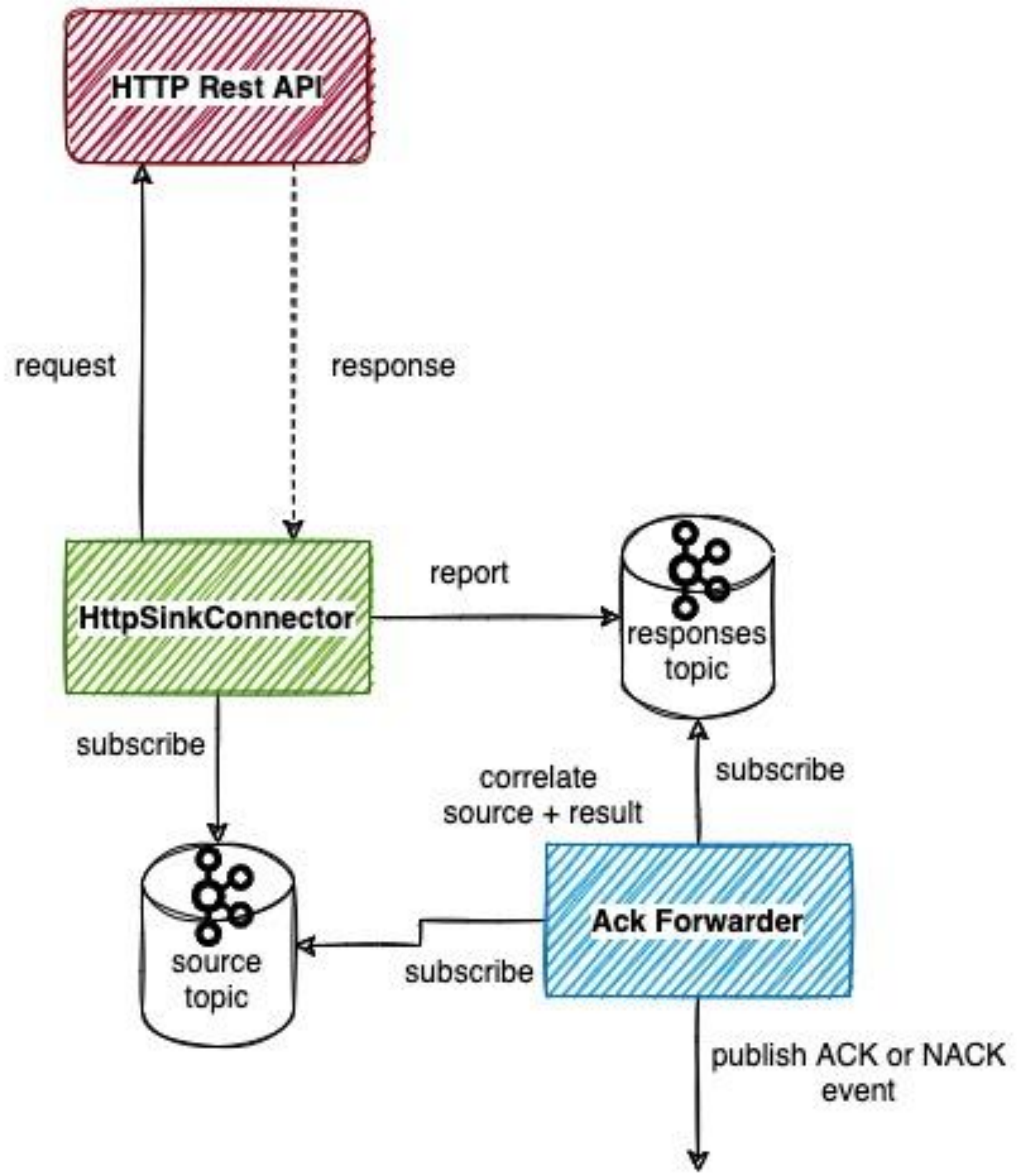
Use case

- Use HttpSinkConnector
- Get http responses content
- Catch error (networking, rest api doesn't present ..)
- Create a "Ack Forwarder" component
- Send notification ACK or NACK about source record



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HttpSinkConnector configuration

- behavior.on.error (default fail) = valid values: fail, log, ignore
- http.connect.timeout.ms (default 30000)
- http.request.timeout.ms (default 30000)

- reporter.result.topic.name (default '${connector}-success')
- reporter.error.topic.name (default '${connector}-error')
- report.errors.as = valid values: error_string, http_response

- max.retries (default 10)
- retry.backoff.ms (default 3000)
- retry.on.status.codes (default '400-')

- batch.max.size (default 1)
- batch.key.pattern = Need to specify if you batch more than 1 record

https://docs.confluent.io/kafka-connect-http/current/connector_config.html#http-sink-connector-config

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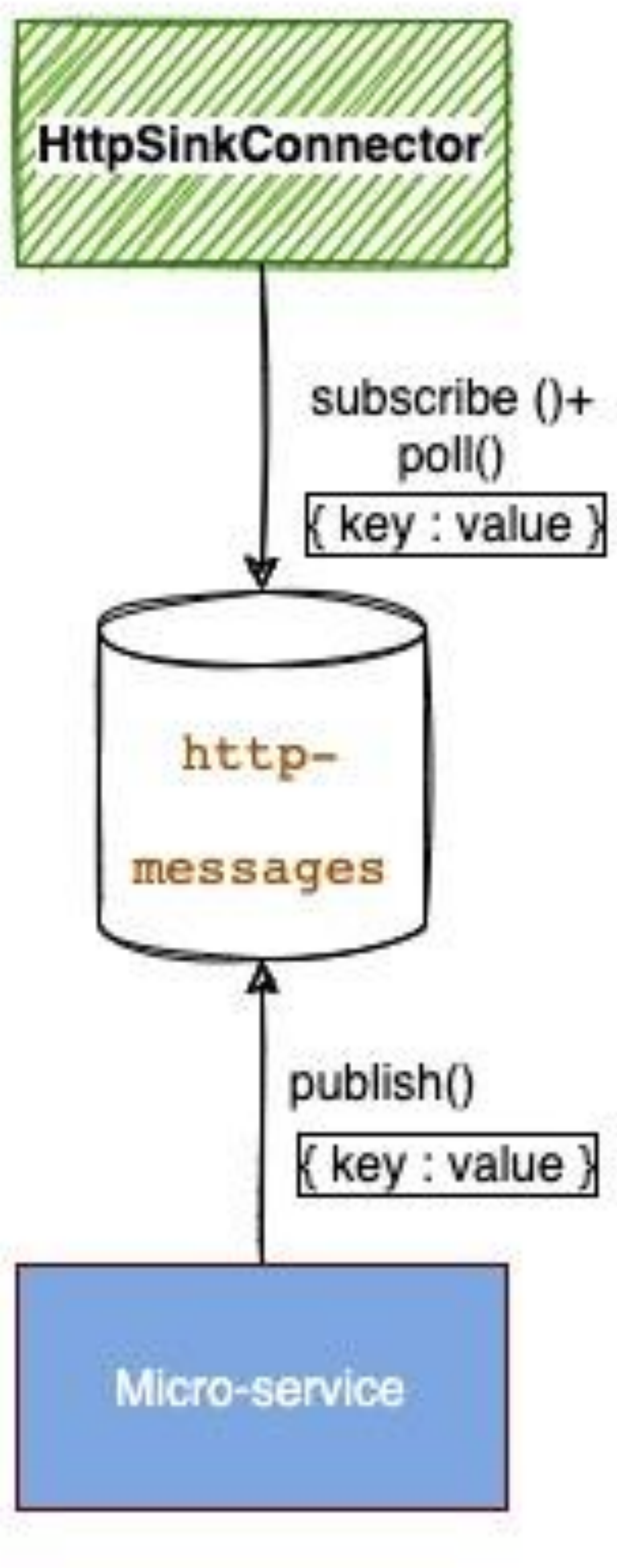
Workflow

Step 1



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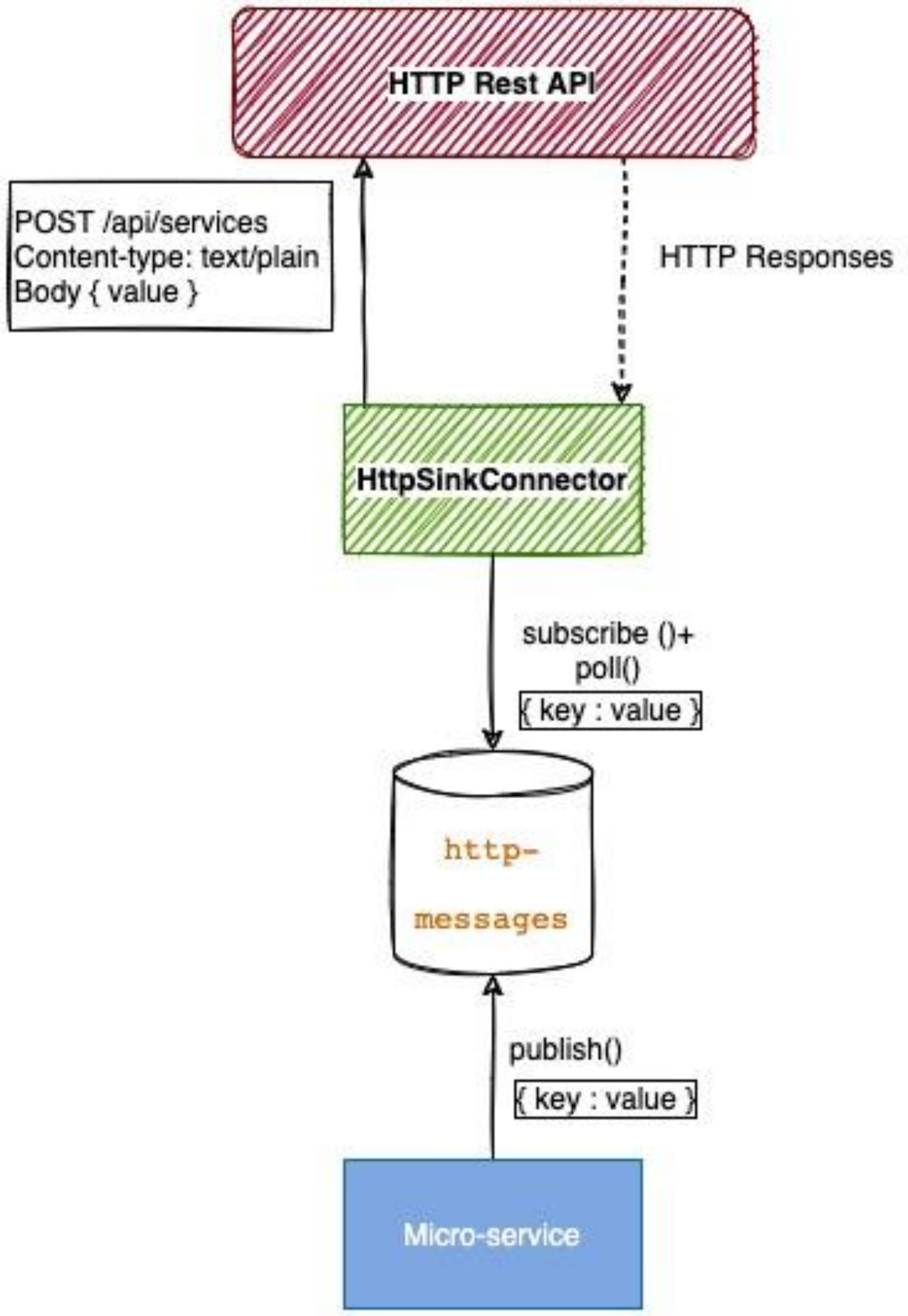
Workflow

Step 2



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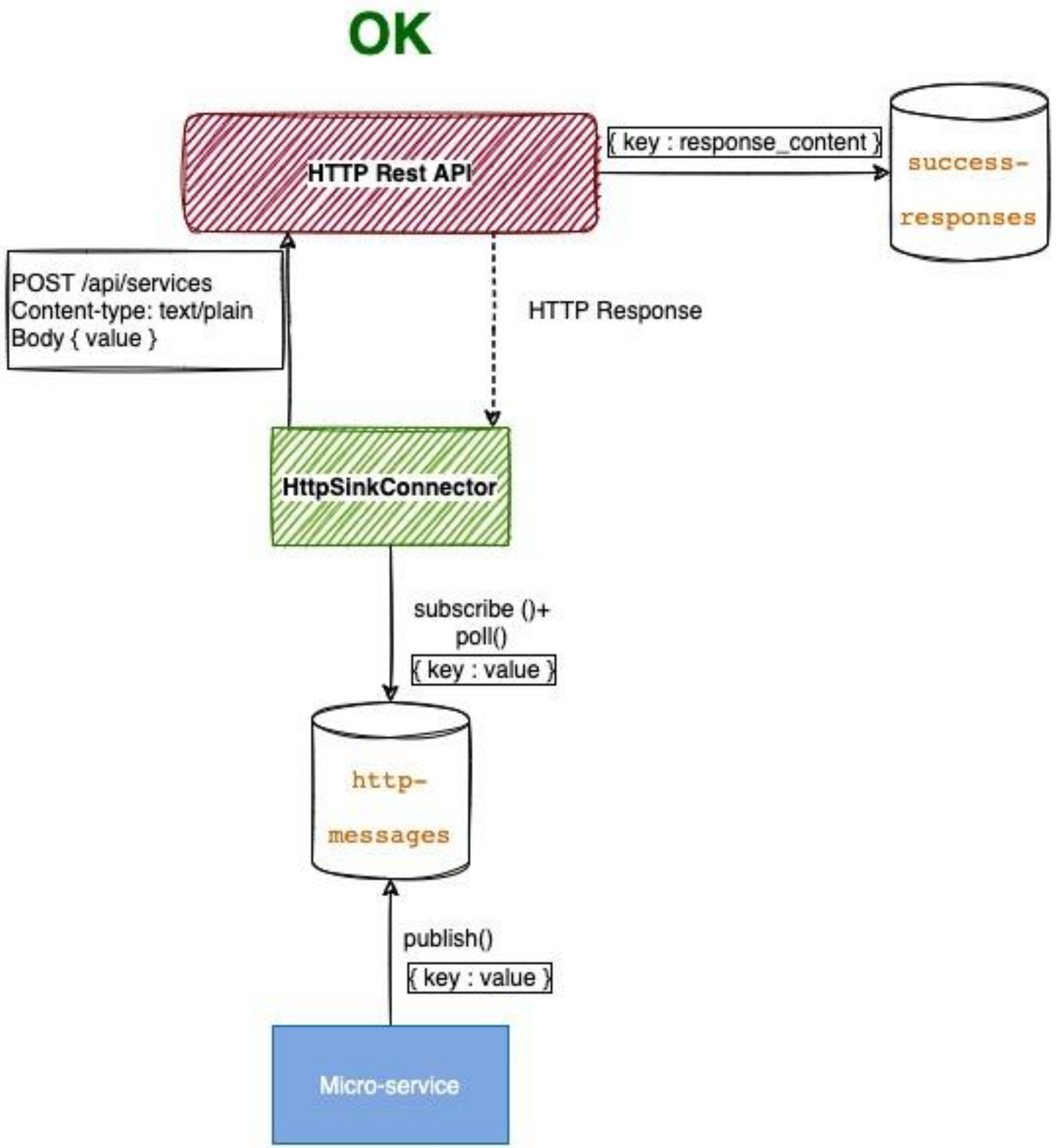
Workflow

Step 3



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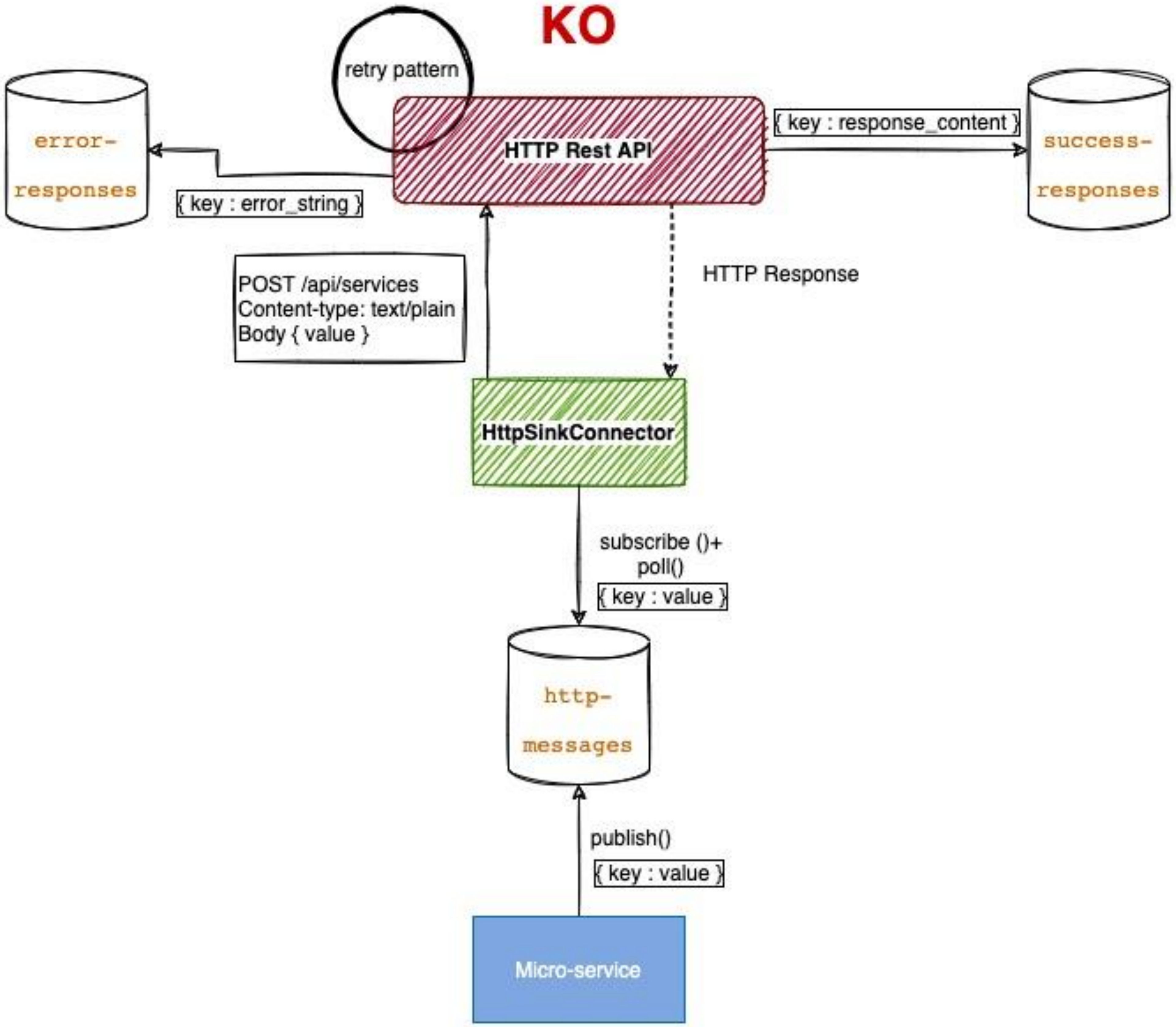
Workflow

Step 4



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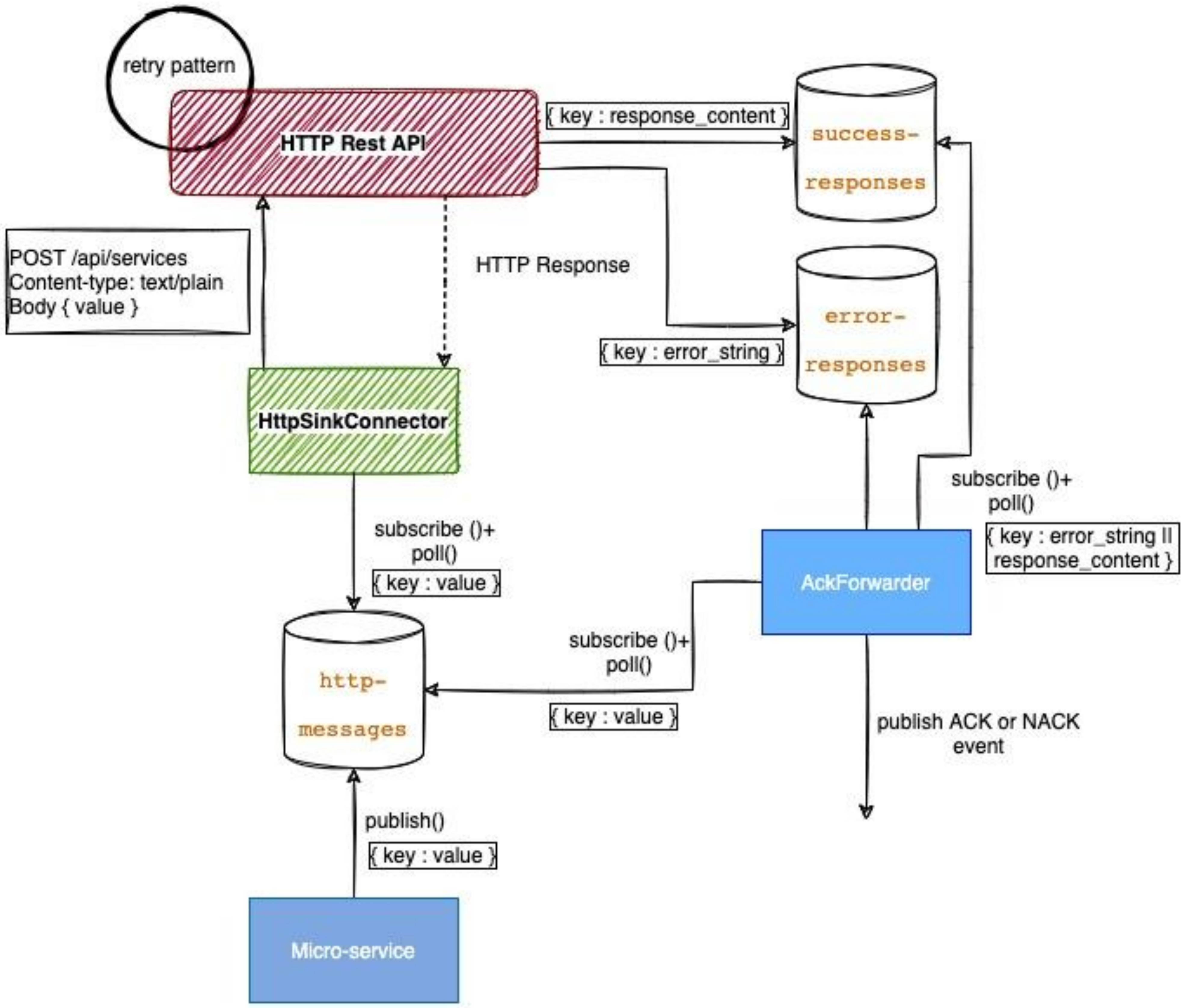
Workflow

Step 5



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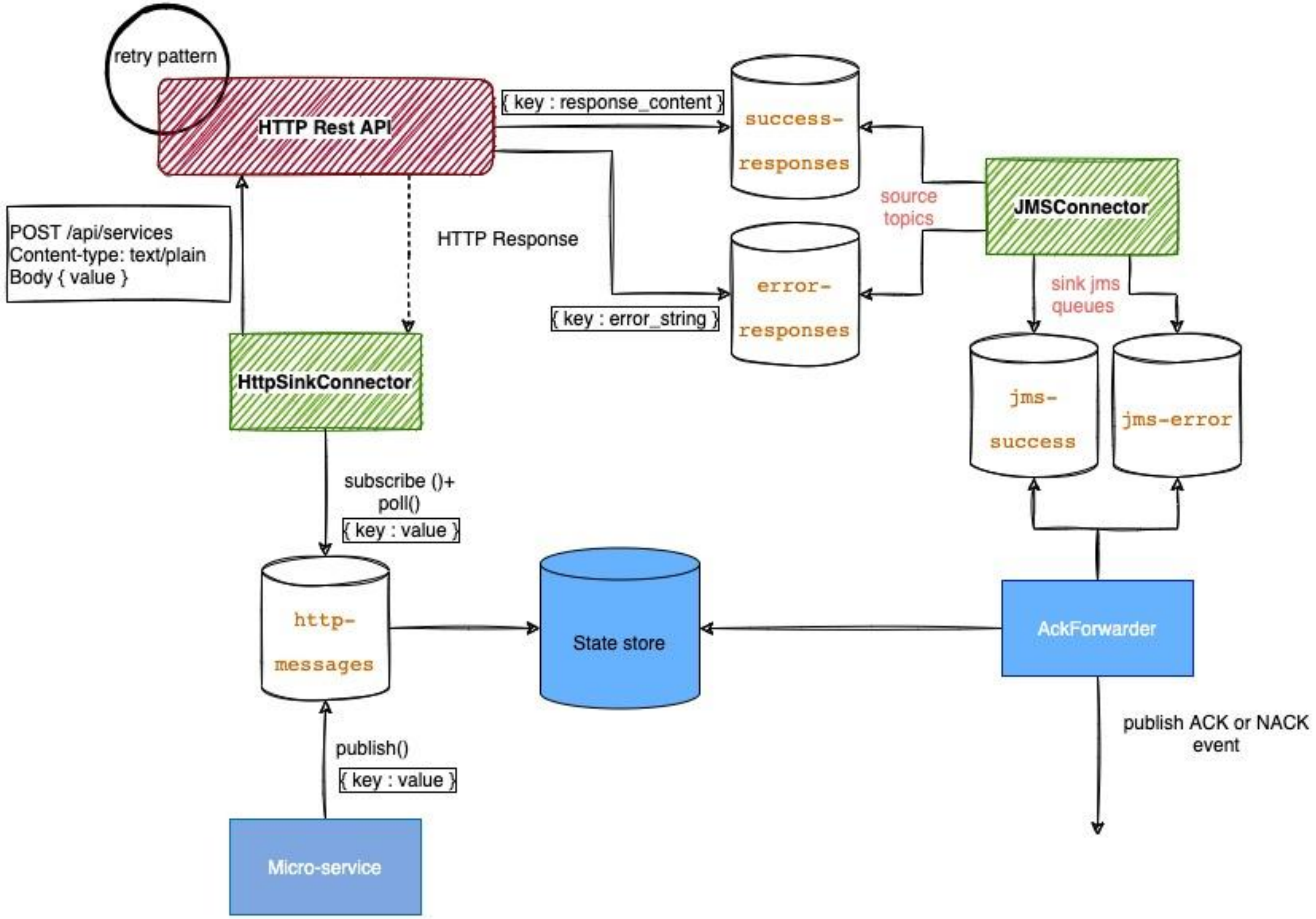
DEMO

https://github.com/LGouellec/kafka-http-request-reply/tree/master

Transposition



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