



[asyncapi.com/docs](https://asyncapi.com/docs)



# ASYNCAPI

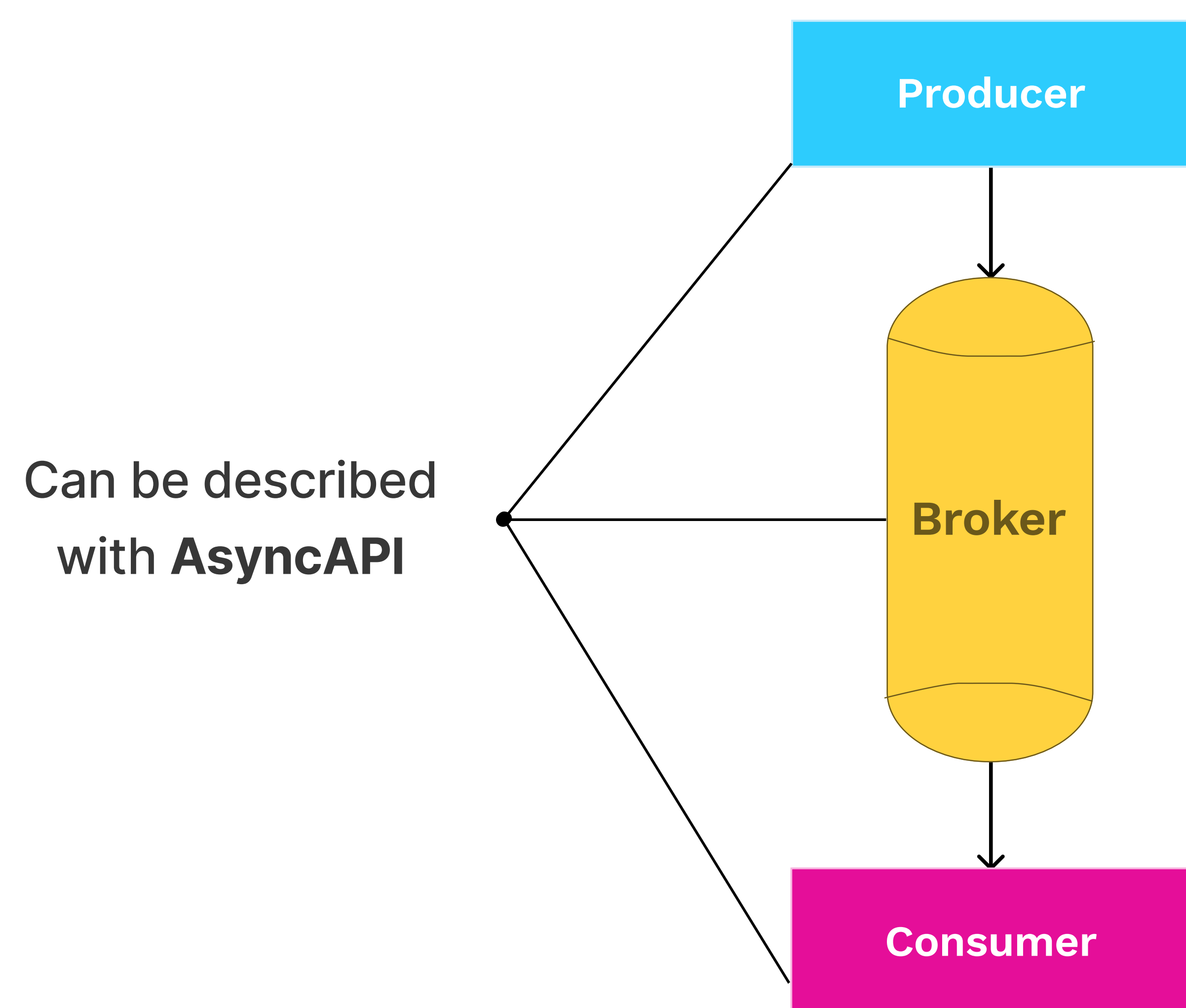
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[asyncapi.com/cheatsheet](https://asyncapi.com/cheatsheet)

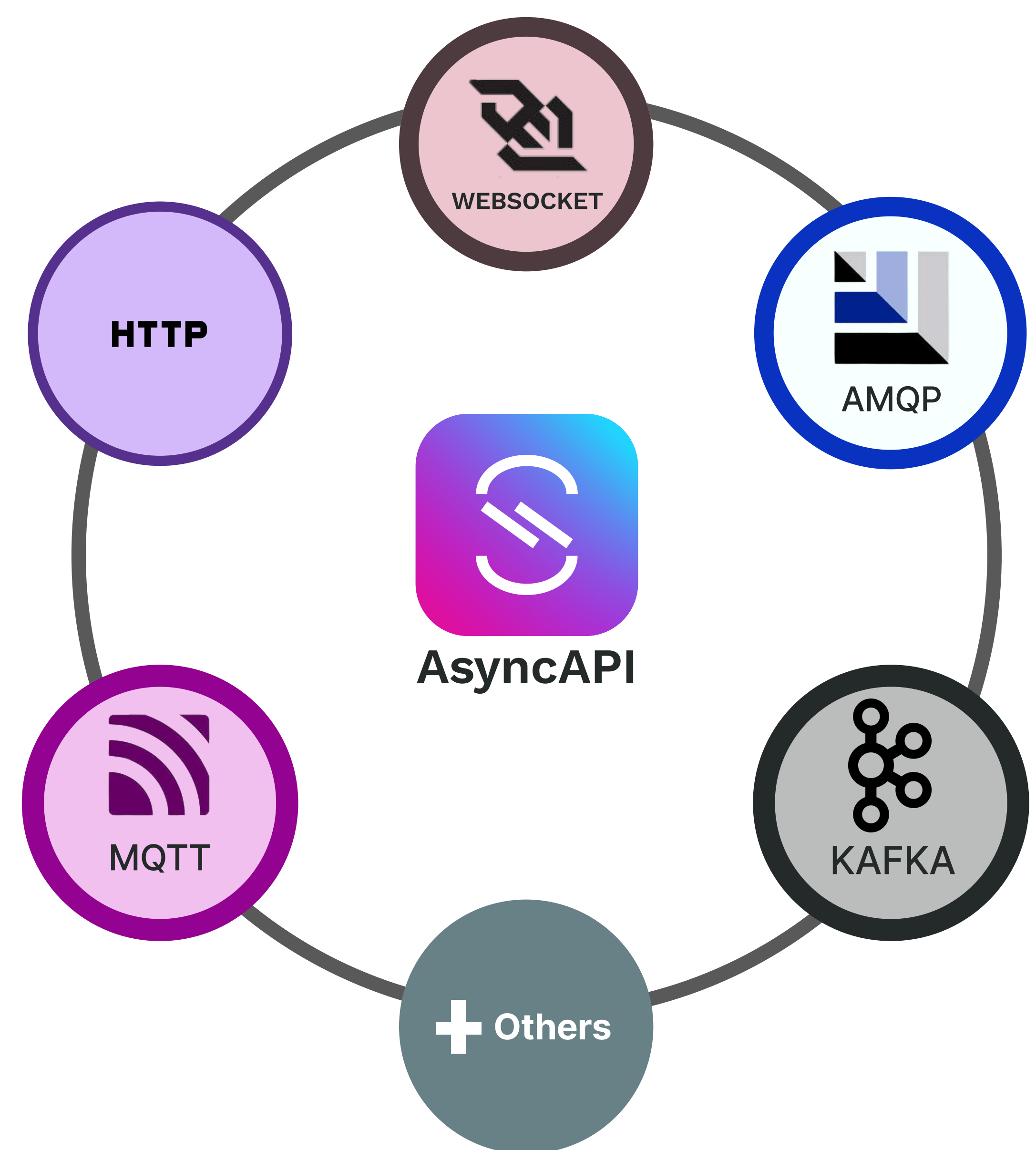
## Open Source Specification

- It is an **open source specification** that makes it easier to work with even-driven architectures by helping with design, documentation and managing of asynchronous APIs,



## Protocol Agnostic

- It is protocol agnostic, and you can use it with protocols like **MQTT**, **Kafka**, **AMQP**, and **WebSocket**, just to name a few.



## Machine-Readable Format

- It can be represented with machine-readable formats like **YAML** and **JSON**.

```
asyncapi : ...

info :
  title : ...
  version : ...

server :
  prod :
    host : ...
    protocol : ...
  ...

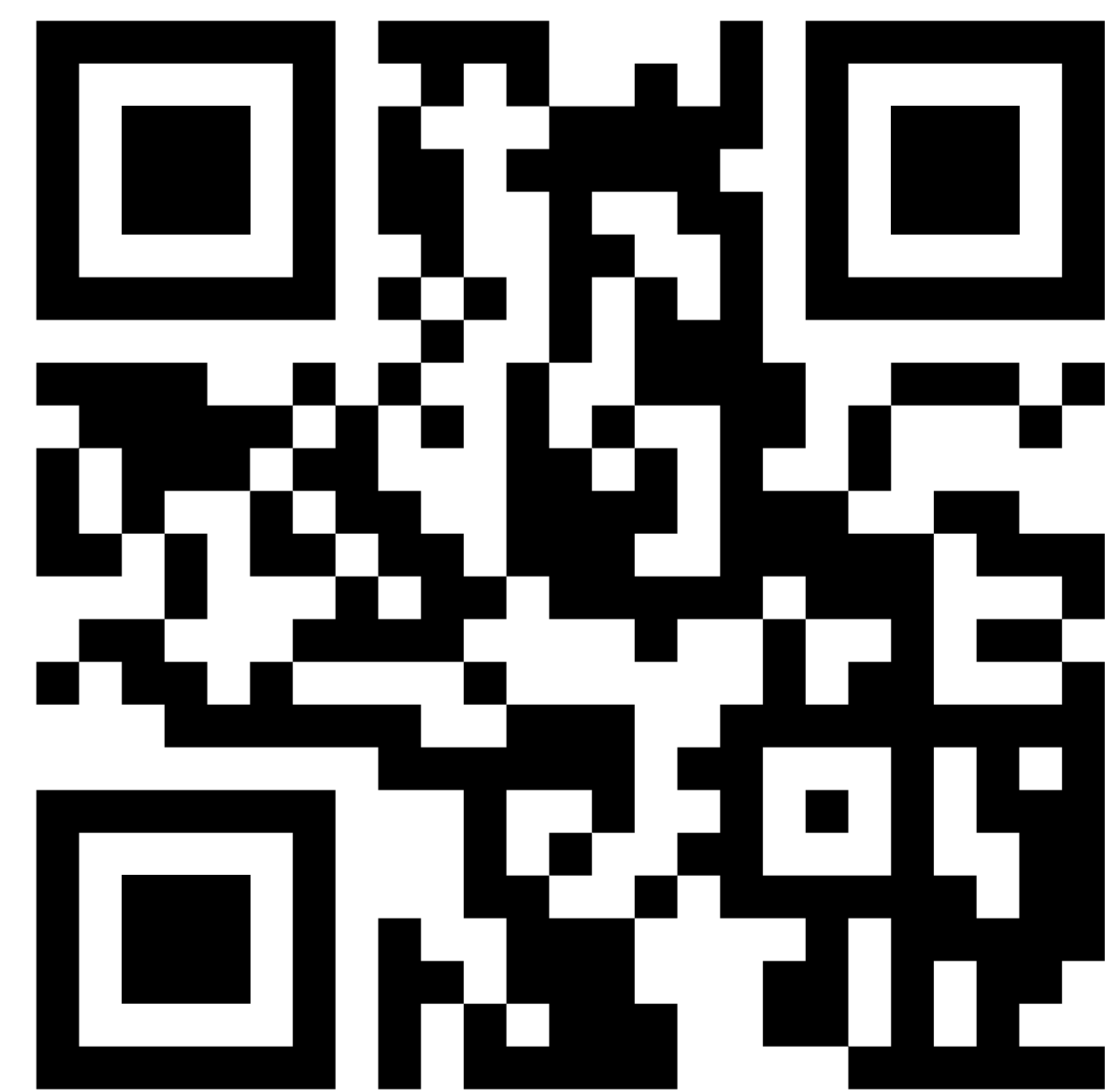
channels :
  myTopic :
    address : ...
    messages : { ... }
  ...

operations :
  sendMsg :
    channel : ...
    action : ...
  ...

components :
  schemas : { ... }
  ...
```

## Tools

AsyncAPI is more than just a specification; it's a vibrant community of enthusiasts dedicated to developing a suite of open-source tools that support the specification and facilitate its seamless adoption.



[asyncapi.com/tools](https://asyncapi.com/tools)