

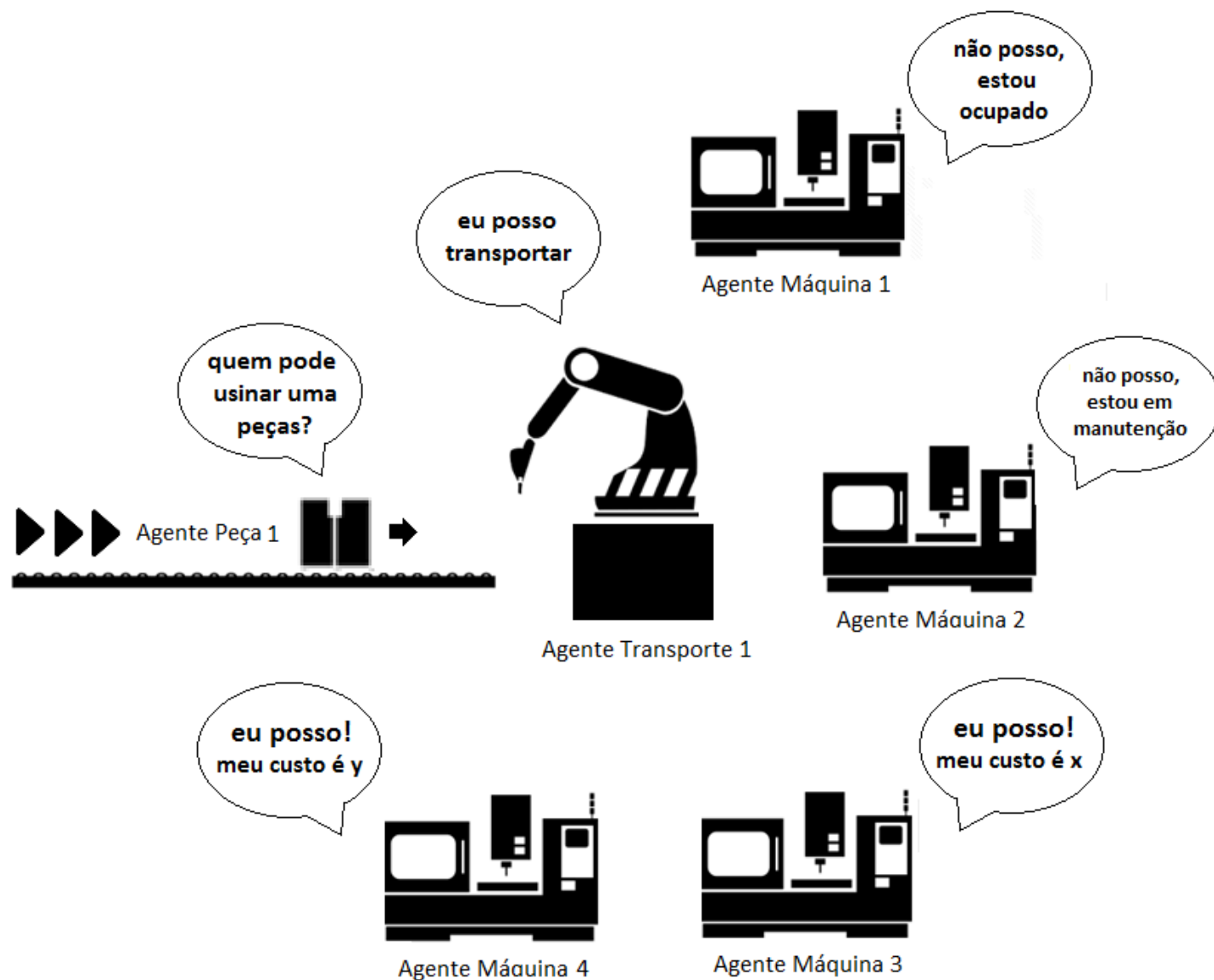
# COMO FERRAMENTA DE DESENVOLVIMENTO PARA APLICAÇÕES INTERNET DAS COISAS



# INTERNET DAS COISAS



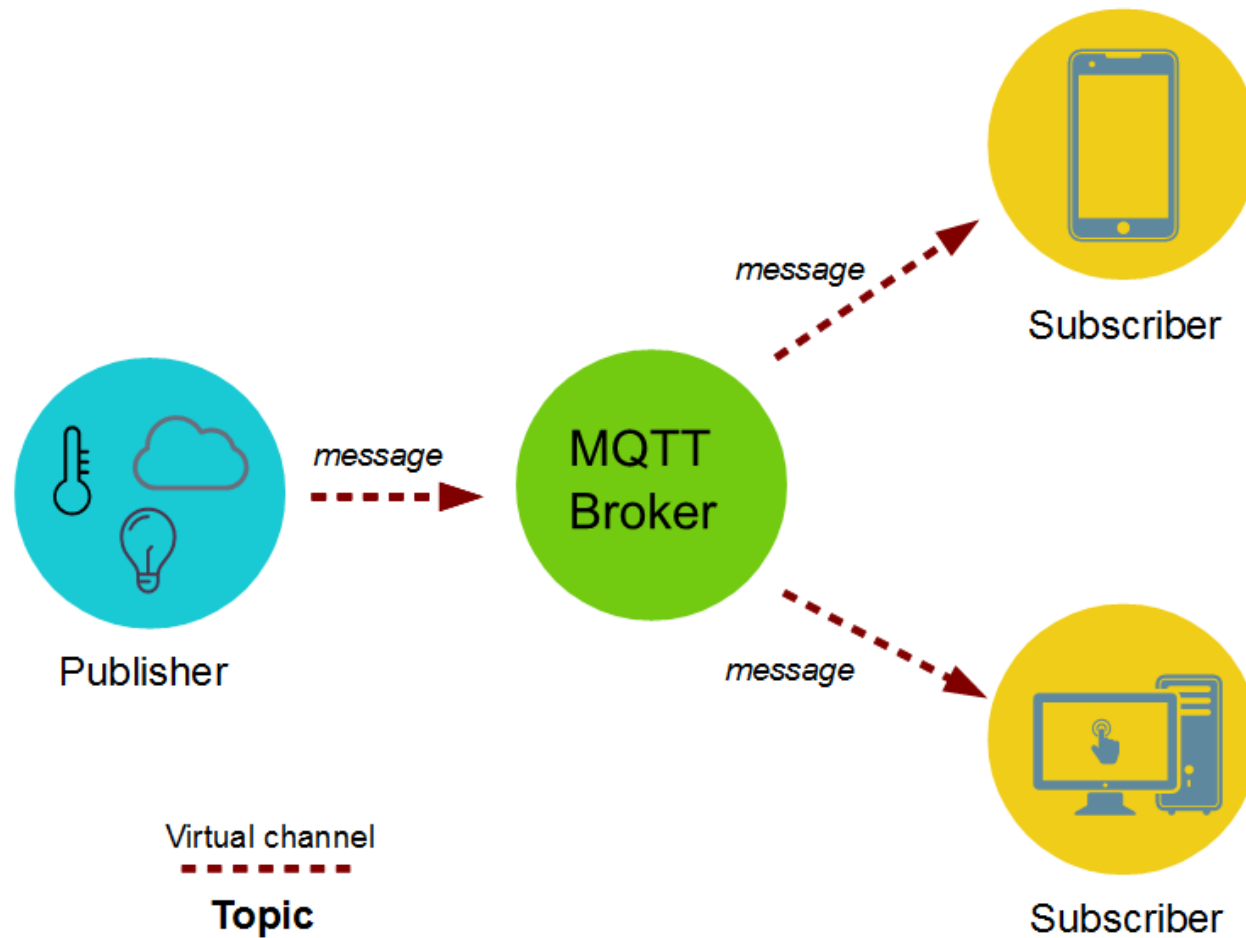
# SISTEMAS MULTIAGENTES



05

# PROTOCOLLO MQTT

(MESSAGE QUEUING TELEMETRY TRANSPORT)



# NODE MODULES :

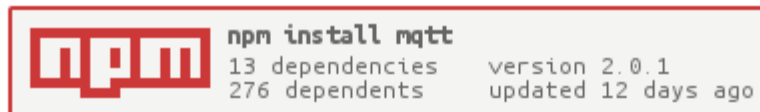
- MOSCA
- MQTT CLIENT
- EXPRESS
- MONGO DB



**npm install mosca**

33 dependencies  
10 dependents

version 0.32.0  
updated a month ago

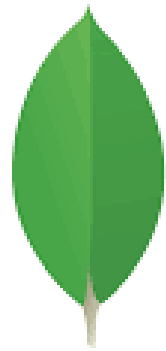




# Express 4.15.2

Fast, unopinionated,  
minimalist web  
framework for  
Node.js

```
$ npm install express --save
```



mongoDB®

**mongoose**

elegant **mongodb** object modeling for **node.js**

**SHUT UP**



**AND SHOW ME SOME  
CODE**

