

# Before we start...

<http://madtroll.5gbfree.com/>



# Introduction to the Solace Messaging System with Arduino/RaspberryPi based home automation system

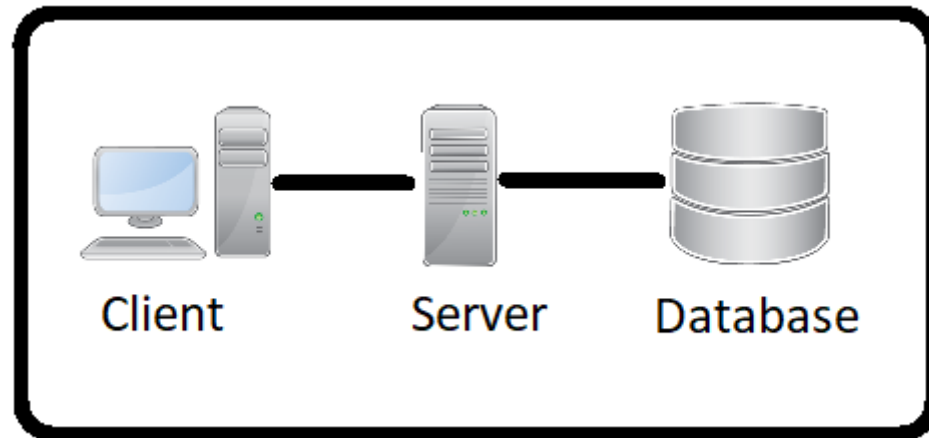


# Who am I?

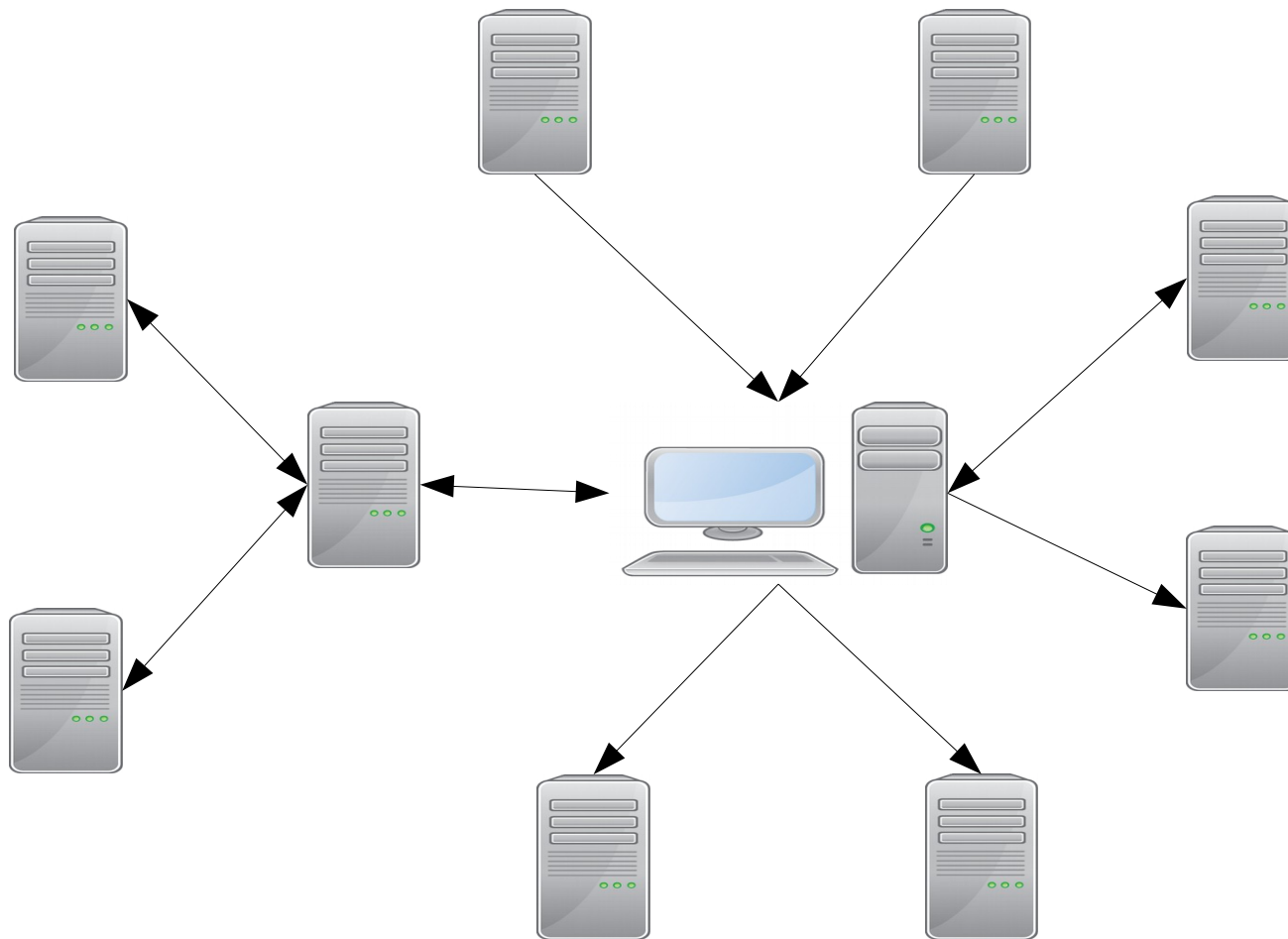
I'm Java Developer



# When everything was simple...

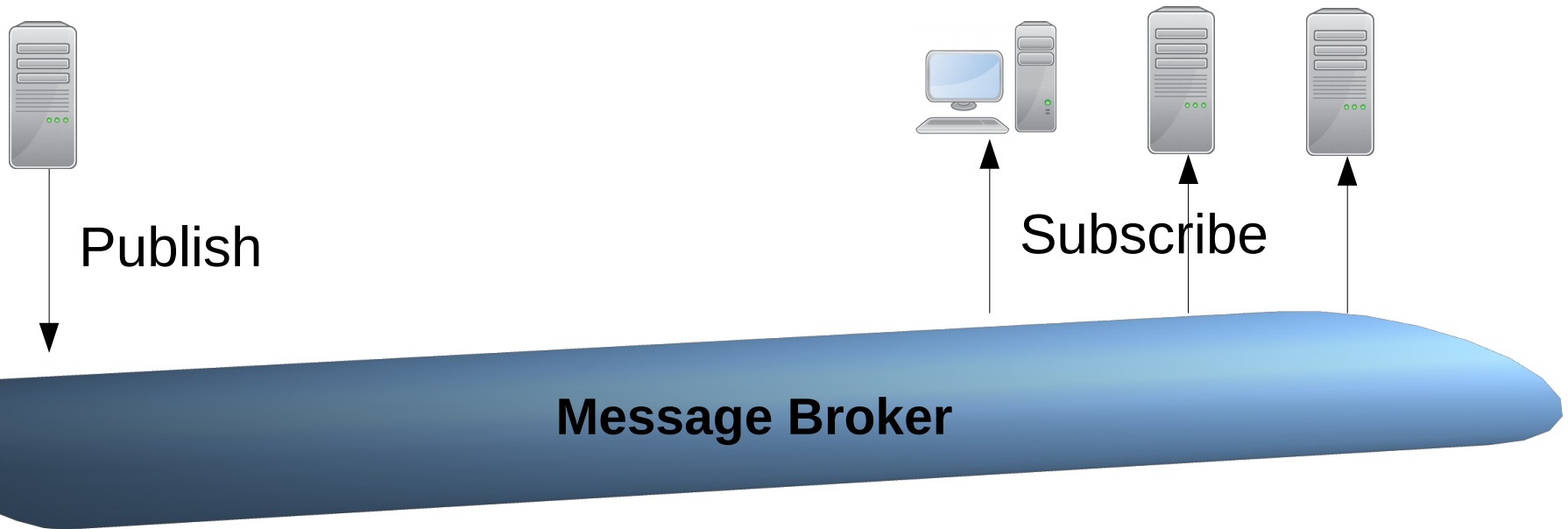


# Modern system



# Concept...

## Pub/Sub



# ... and some protocols...

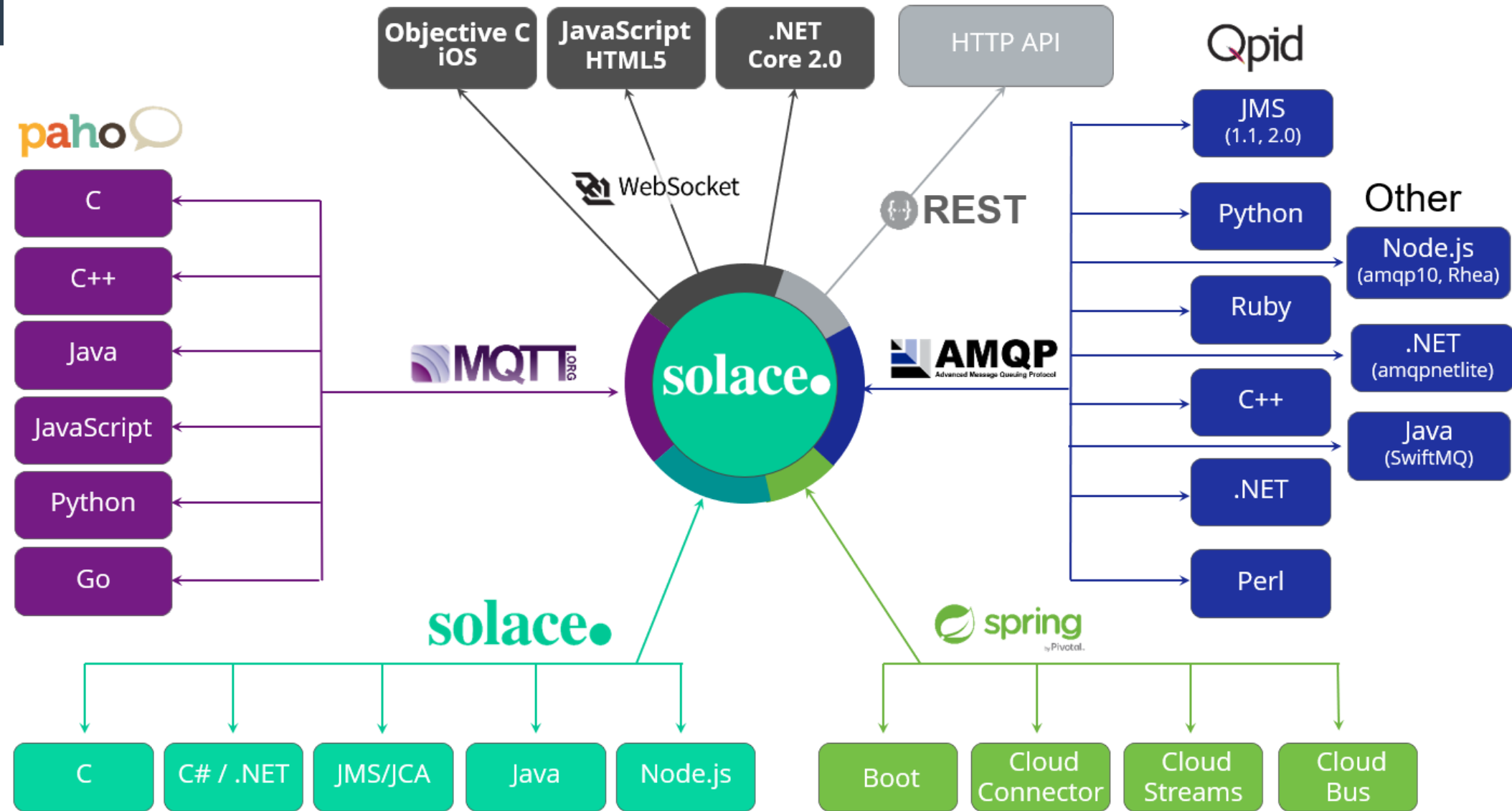


# ..and more implementations...





# ...and finally we reach solace.



# ...and finally we reach solace.



Dedicated hardware solution,  
with high throughput.

Offers up to

30K(via JMS)/200K(via REST)  
connections

- 9.3M msg/s (Non-persistent)
- 645K msg/s (Persistent)

Free or enterprise edition.

Performance is limited by  
license and environment.

Commercial

- 1.3M msg/sec(AWS, non-pers)
- 68K msg/sec(AWS,pers)
- 200K connections

Free

- 10K msg/sec
- 1K connections

Easy to set up

flexible plans

Performance depends on plan

free plan offers

50 connections

1M messages per month



# Before we finish....

Any questions?

(I might have some answers)



# Sorry, I almost forgot

Using Solace (or any other messaging platform) for home automation.

- Portability
- Scalability
- Fast messaging
- Using persistent queues for holding state



**..and we are almost there..**

Any more questions?



**...and they all survived**

*The End*