Smart.Everything

Telegram bot workshop

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Car Overview

- **Lights:**

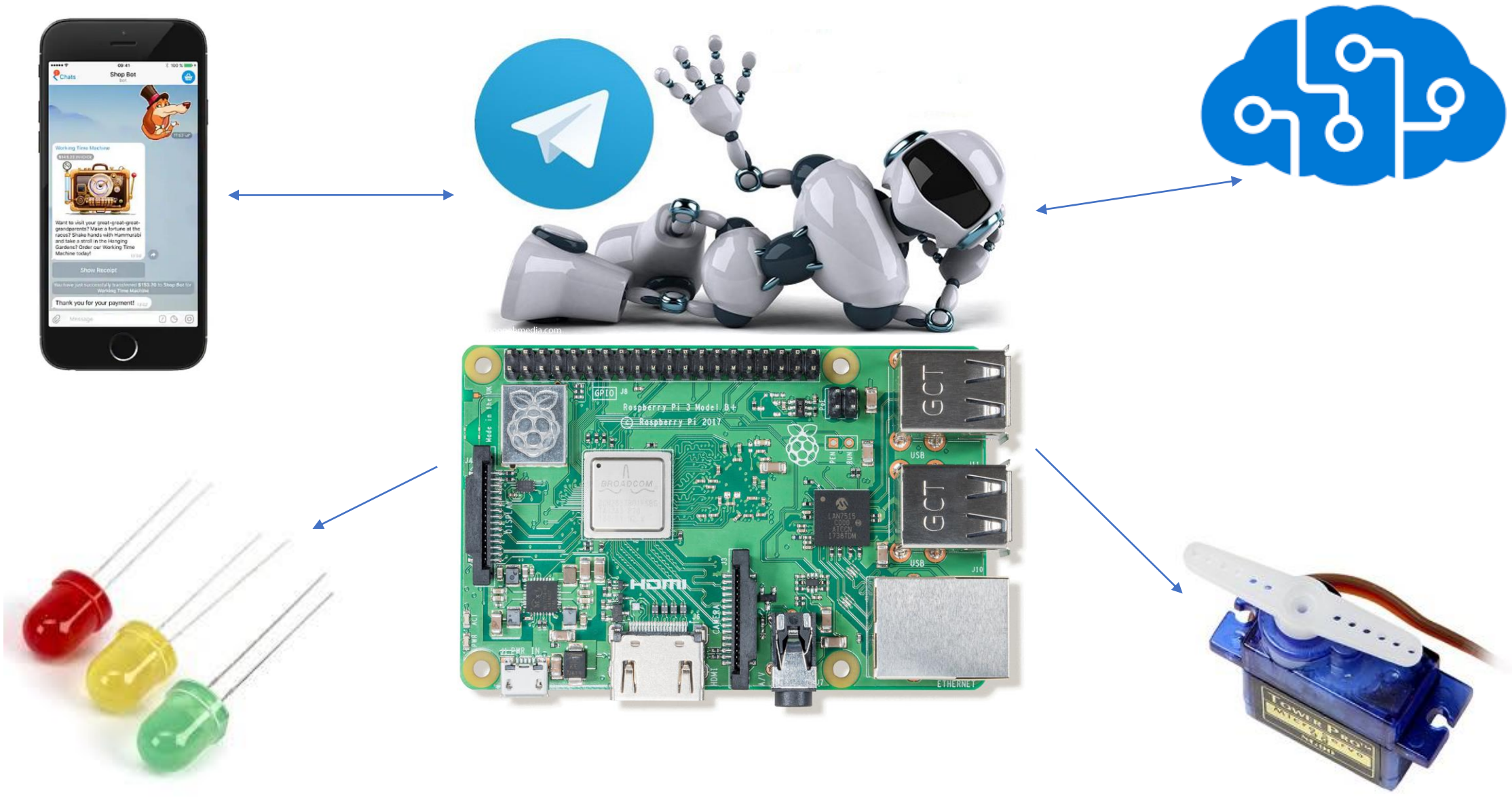
  Turn off/ Turn on, what is the lights state?

- **Lock**

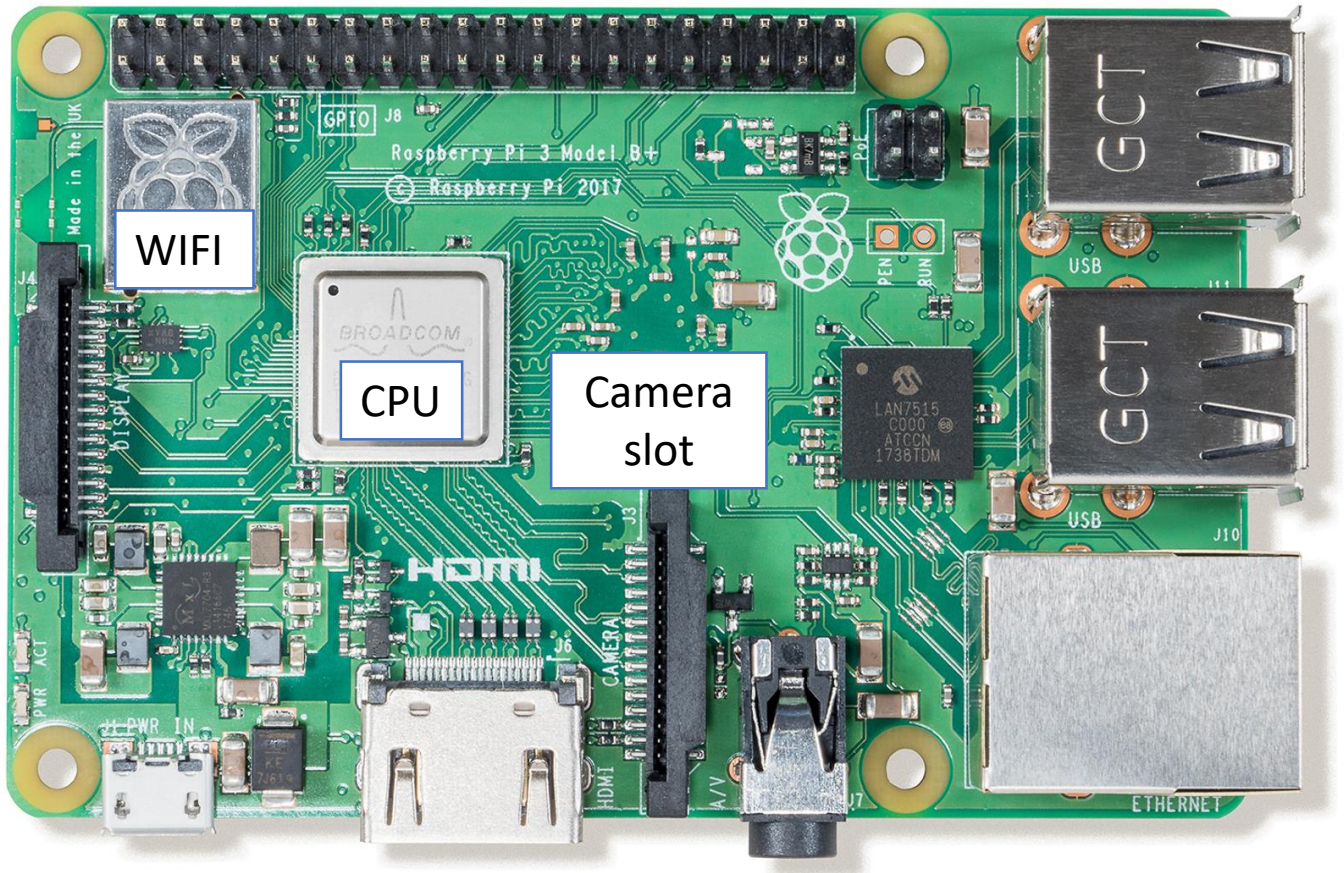
  Lock/ Unlock, what is the lock state?

- **Location**

  What is the location?


Chats
Shop Bot
Working Time Machine
Want to visit your great-great-grandparents? Make a fortune at the races? Shake hands with Hammurabi and take a stroll in the Hanging Gardens? Order our Working Time Machine today!
Show Receipt
Thank you for your payment!
Message
GPIO
Raspberry Pi 3 Model B+
© Raspberry Pi 2017
BROADCOM
HDMI
GCT
USB
ETHERNET

Raspberry Pi 3 B+



/Commands

Text messages

Inline queries

Images

Location

Stickers

Voice

Costume keyboards

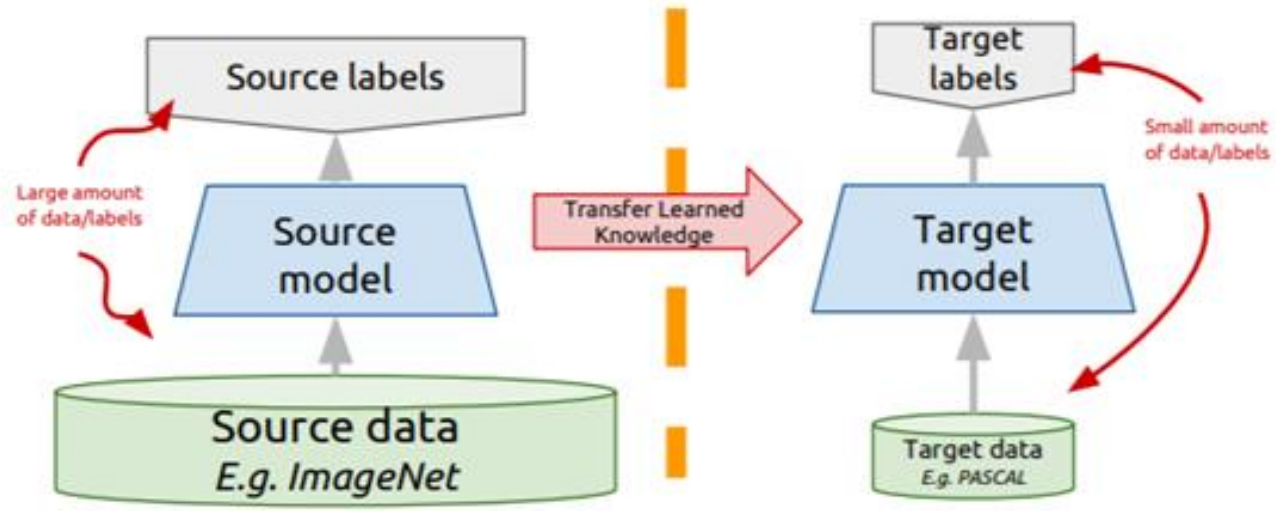
Transfer learning: idea

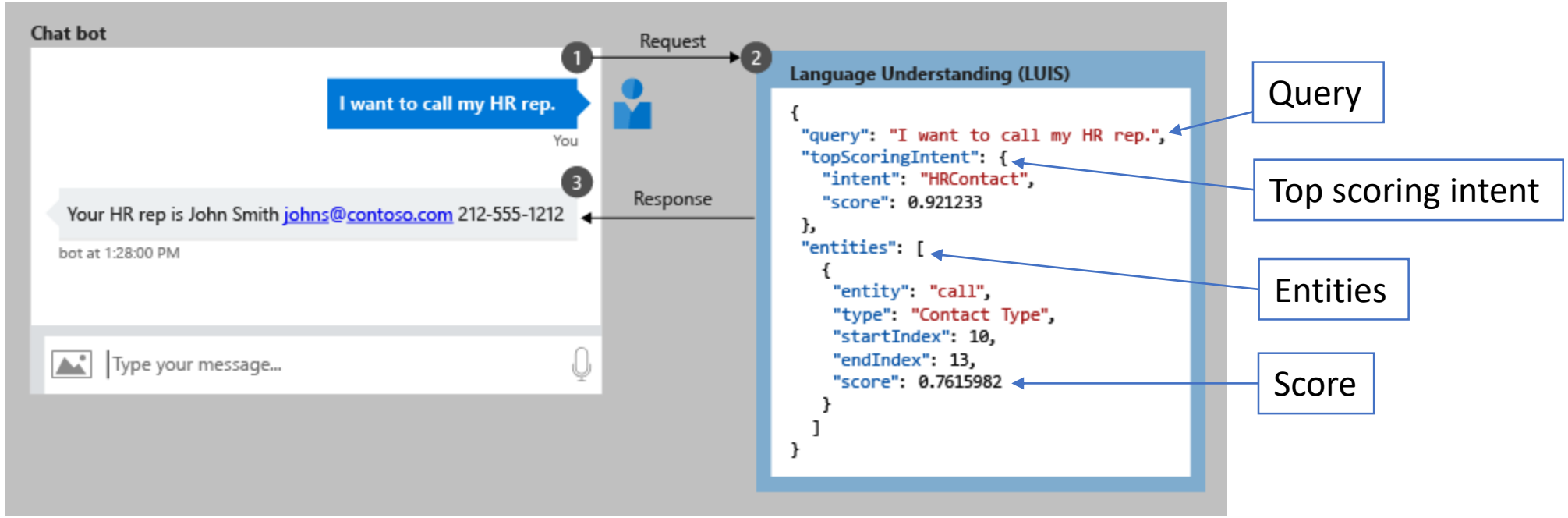
Instead of training a deep network from scratch for your task:

- Take a network trained on a different domain for a different **source task**
- Adapt it for your domain and your **target task**

Variations:

- Same domain, different task
- Different domain, same task



Azure Language understanding (LUIS)

- Utterances - Text sent by the user (query).
  Example: Book a flight to Seattle in Saturday.
- Intents - An intent represents a task or action the user wants to perform.
  Example: Book a flight.
- Entities - The entity represents a word or phrase inside the utterance that you want extracted.
  Example: Seattle, Saturday.