

07

Autonomous Coffee Maker



Component List

- 180° Servo (3)
- 360° Servo (1)
- DC Air Pump (2)
- Water Level Sensor (1)
- Arduino Uno (1)
- Raspberry Pi (1)
- Coffee Maker (1)
- Contact Switch (1)

See the difference we make

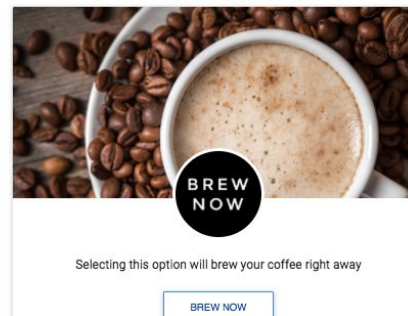


Website

“Redefine how you brew coffee.”

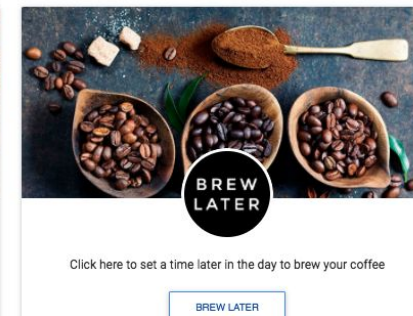
How it works

It's simple. To brew your coffee right away hit "Brew Now". For fresh coffee at another time, click "Brew Later".



Selecting this option will brew your coffee right away

BREW NOW

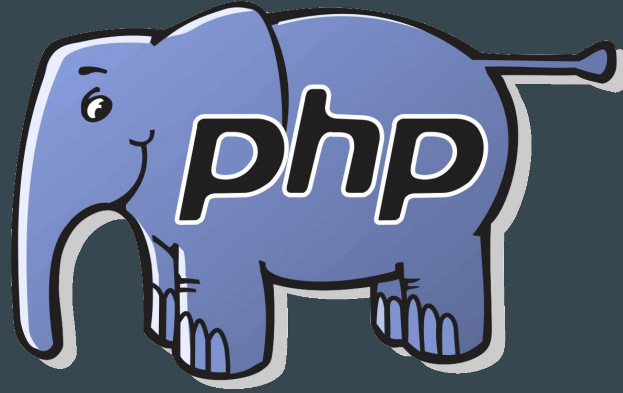


Click here to set a time later in the day to brew your coffee

BREW LATER

Server

- php
- 'S' - no request
- 'G' - request

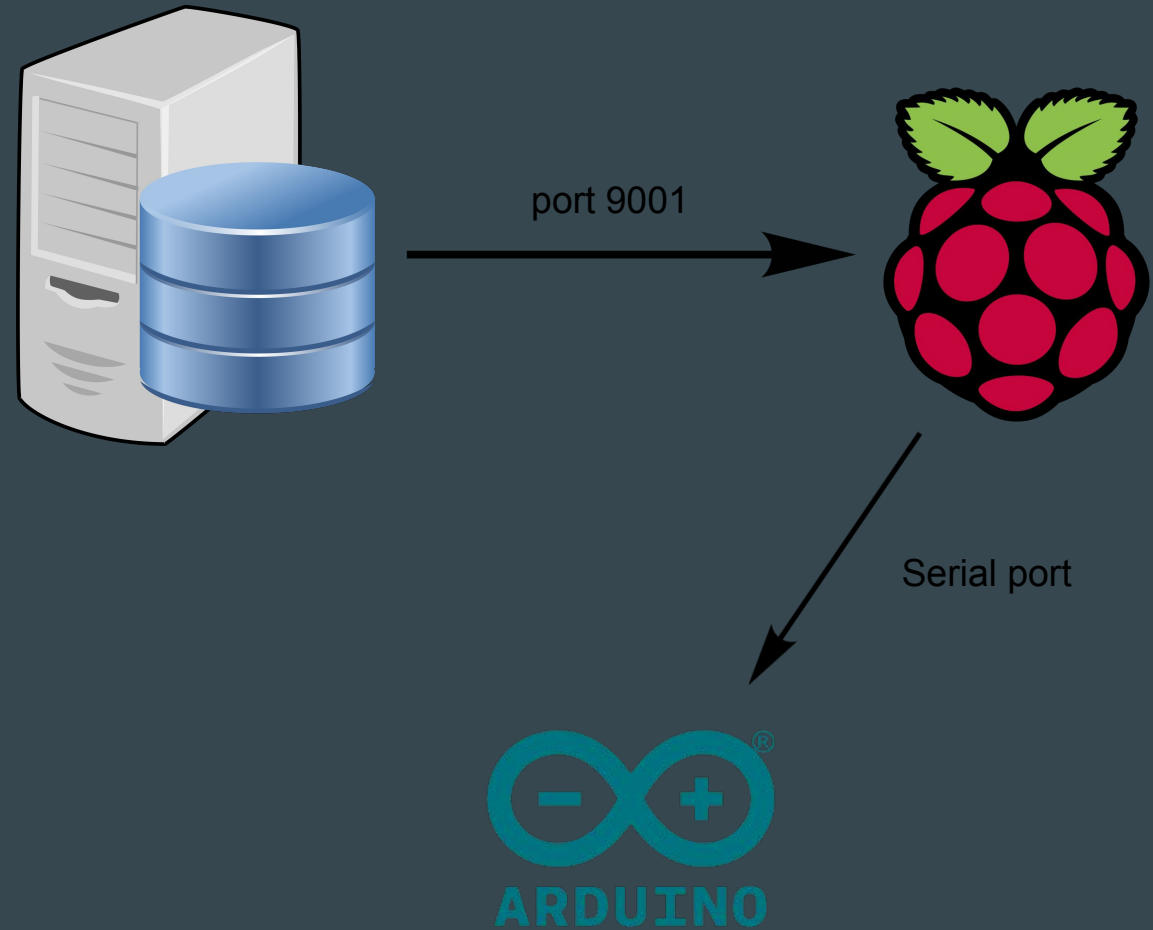


`fwrite(f);`




Raspberry Pi

- Python client
- Server script




Start by choosing when to brew coffee from our website



BREW NOW

Selecting this option will brew your coffee right away

[BREW NOW](#)



BREW LATER

Click here to set a time later in the day to brew your coffee

[BREW LATER](#)

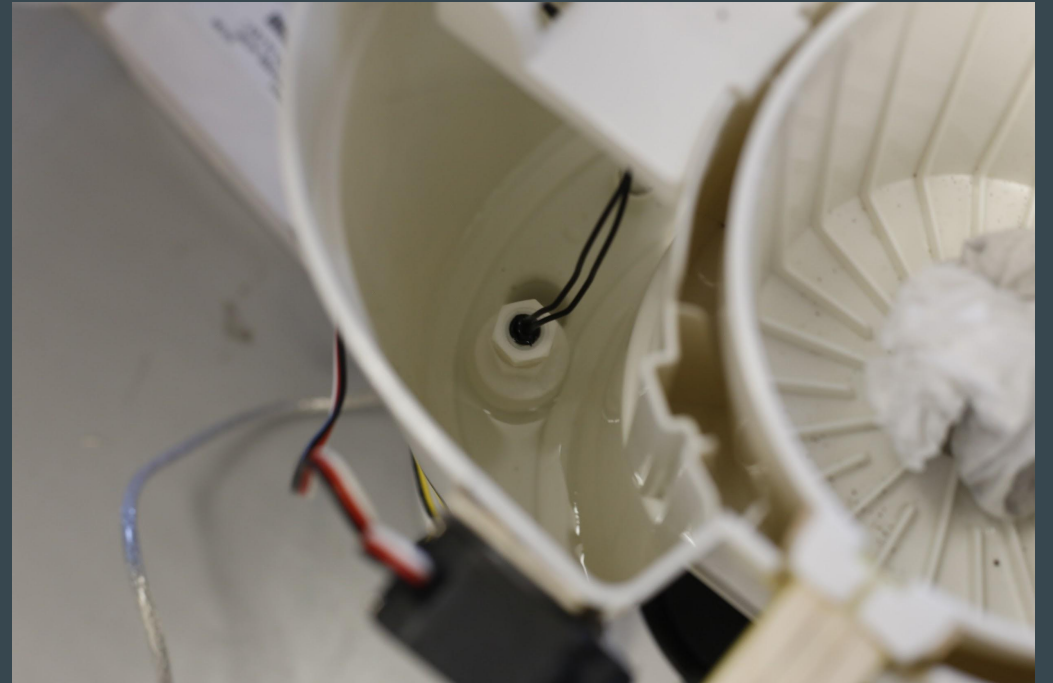
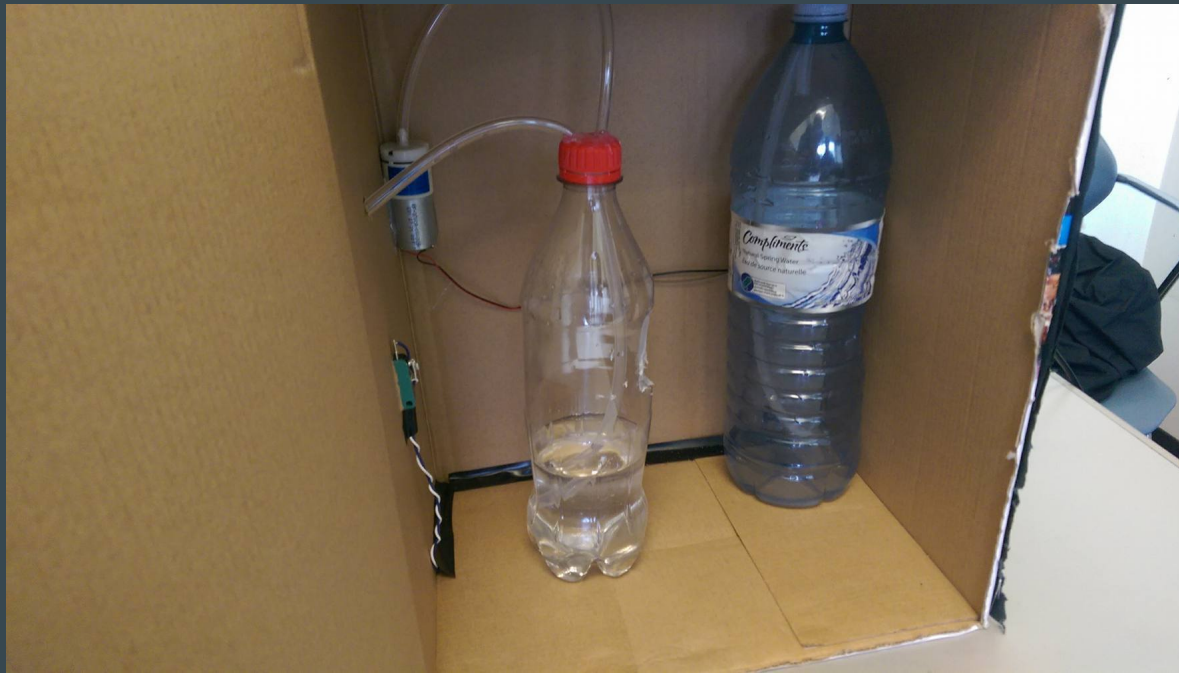
Then the coffee maker removes the old filter



Next the coffee filter pod is inserted



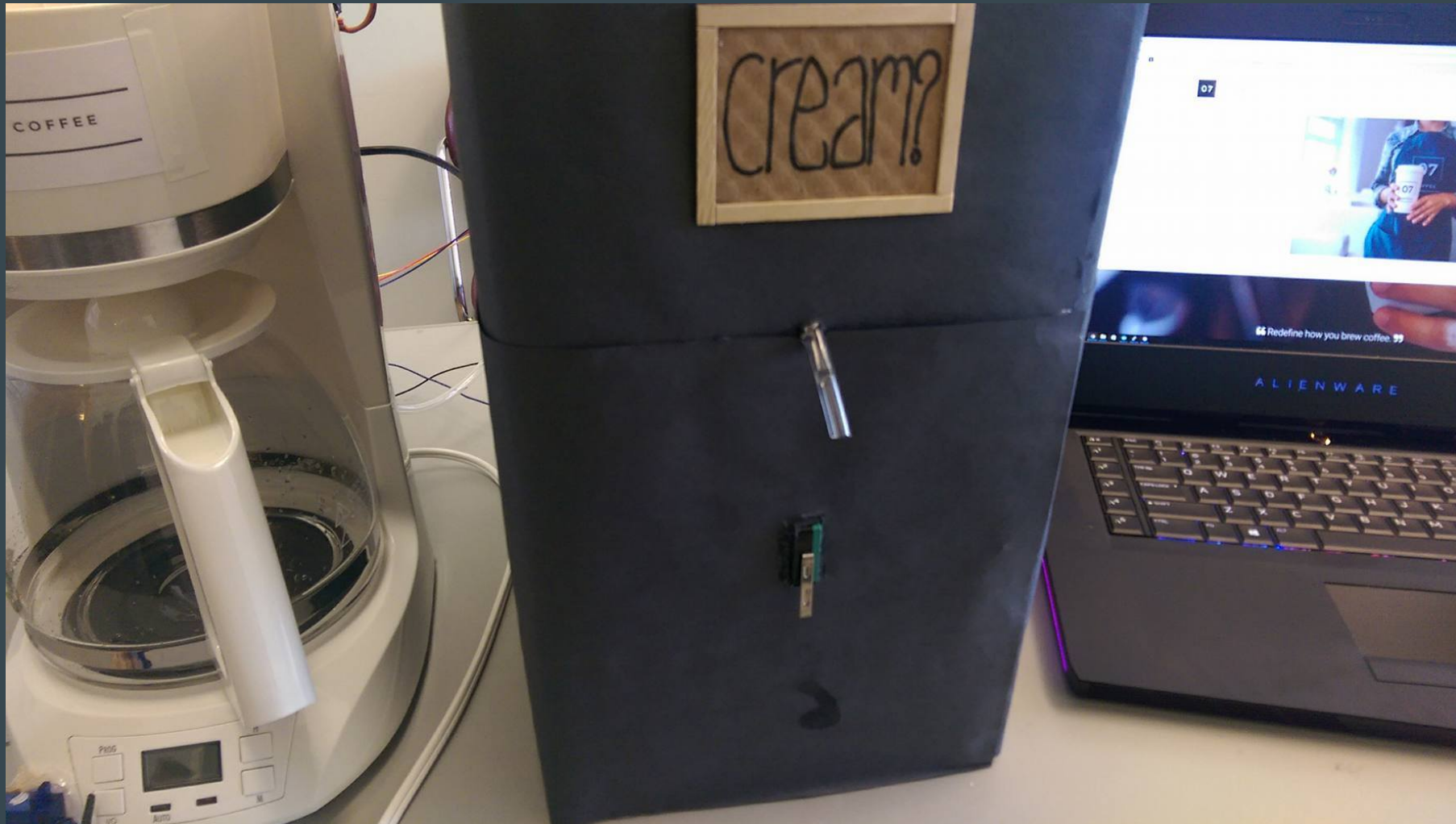
Water is then pumped from the reservoir into the coffee maker



Lastly, the coffee maker is turned on



There is also a cream dispenser



Here's our full brew

