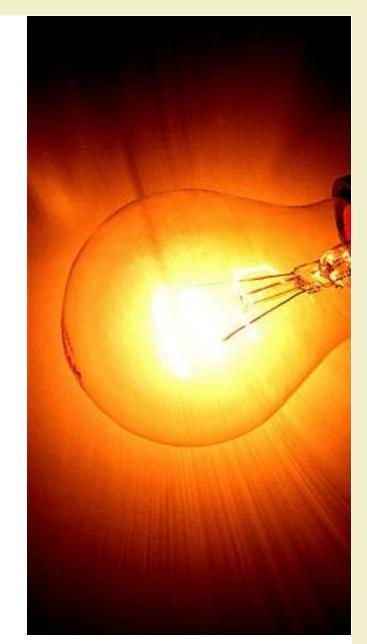
Python

DRIVE LIGHTS USING PYTHON

How to access Philips Hue lights through Python and REST









Goals

- Create a REST client for the Hue bridge
 - Hue API documentation:
 - http://www.developers.meethue.com/philips-hue-api
- Use the client for
 - Lighting-up all the lamps managed by a Hue bridge
 - Showing a color loop for 10s
 - Shutting down all the lights
- Use the client for
 - controlling the hue of a specific lamp connected to the bridge

Please, notice...

- For most "advanced" use of the Philips Hue, you can rely on a dedicated Python package
 - e.g., <u>https://github.com/studioimaginaire/phue</u>

- Another example of interacting with a REST service for turning some objects on/off
 - <u>https://github.com/AmI-2017/python-zway</u>
 - it uses Z-Wave devices

Result

- Checkout on GitHub
 - <u>https://github.com/AmI-2017/python-hue</u>

Questions?

01QZP AMBIENT INTELLIGENCE

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