



Chapter 7

Control Your Lights

Main takeaways of this chapter

- ★ This chapter uses smart lights as an example, but the main idea is that Python can interact with various systems and devices, if an API is available.
- ★ In general, to interact with something, you'll need a specific module, the IP address of the server and a documentation to know how to use the functions provided.
- ★ Most API work with an authentication method, you'll need to create a user to use it with the correct permissions.

Action steps

- **Do the exercise given in the book.**
It's better if you have smart lights to see the result, but if you don't have any, just display text instead of using the lights API.
- **[Check this website](#) and pick another API you are interested in.**
Create a short script to interact with it.
It's great if it's useful, but the idea is just to experiment a bit more than the other readers of my book :-)