urllib module in Python

The **urllib** module in Python 3 is a collection of modules that you can use for working with URLs. If you are coming from a Python 2 background you will note that in Python 2 you had urllib and urllib2. These are now a part of the urllib package in Python 3. The current version of urllib is made up of the following modules:

- urllib.request
- urllib.error
- urllib.parse
- urllib.robotparser

We will be covering each part individually except for **urllib.error**. The official documentation actually recommends that you might want to check out the 3rd party library, **requests**, for a higher-level HTTP client interface. However, I believe that it can be useful to know how to open URLs and interact with them without using a 3rd party and it may also help you appreciate why the requests package is so popular.