

## Chapter 17 — JSON

### Introduction

Intro text

### Objectives

Upon completion of this chapter's exercises, you should be able to:

- Blah de blah.
- Baz and Barf.

### Prerequisites

This Chapter requires...

### What is JSON

JSON is an acronym for JavaScript Object Notation and is a text format for representing objects in JavaScript. The JSON format is actually a computer language independent way to represent and interchange data between systems and programs. Another advantage to JSON is that is human readable and editable.

A string of JSON begins, representing an object, with a { (left-brace) and ends with a } (right brace). Inside these braces are zero or more name:value pairs, each separated by a comma. Values, following a colon, may either be a string, number, or a list of values within square brackets.

```
{“firstname”:”Jim”, “lastname”:”Reneau”, cars:[“MG”, “VW”, “Volvo”], “pets”, 3}
```

### B – JSON With Strings

<https://docs.python.org/3/library/json.html#json.dumps>

<https://docs.python.org/3/library/json.html#json.loads>



## C - JSON With a File

<https://docs.python.org/3/library/json.html#json.dump>

<https://docs.python.org/3/library/json.html#json.load>

### Summary

Goes here

### Important Terms

here

### Exercises

Here

### Word Search

### References

<https://json.org/>

<https://docs.python.org/3/library/json.html>

