

eu_version_Yaml_Json

eu-aws-yaml-json

Training Clarusway

Pear Deck - August 27, 2020 at 7:12PM

Part 1 - Summary

Use this space to summarize your thoughts on the lesson

Part 2 - Responses

Slide 1

▶ **YAML & JSON
Essentials**

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Table of Contents



- ▶ What is YAML?
- ▶ What is JSON?
- ▶ Quick Comparison (YAML vs. JSON)

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What is YAML?

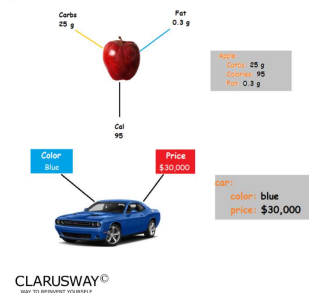


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► What is YAML?



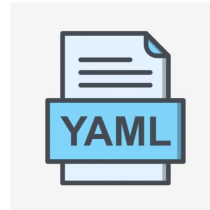
```
YAML
1 yaml:
2   - slim and flexible
3   - better for configuration
4 object:
5   key: value
6 array:
7   - null value:
8     - boolean: true
9     - integer: 1
10 paragraph: >
11   Blank lines denote
12
13 paragraph breaks
14 content: |-
15   Or we
16   can auto
17   convert line breaks
18   to save space
```

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► What is YAML?

- **YAML** (a recursive acronym for "**YAML Ain't Markup Language**") is a human-readable data-serialization standard for programming languages.
- It is **commonly used for configuration files** and in applications where **data is being stored or transmitted**.



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► What is YAML?

- The files should have **.yaml** (or **.yml**) as the extension.
- YAML is designed by **Clark Evans**, **Ingy döt Net**, and **Oren Ben-Kiki** (2001).
- <https://yaml.org/>



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Link(s) on this slide:

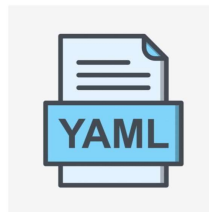
- <https://yaml.org/>

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► What is YAML?

- The **key-value** is YAML's **basic building block**.
- The key is always a **string**.
- The value is a **scalar** so that it can be various data types.



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2 What is JSON?



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► What is JSON?



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```
1 JSON
2 {
3   "json": [
4     "rigid",
5     "better for data interchange"
6   ],
7   "yaml": [
8     "slim and flexible",
9     "better for configuration"
10  ],
11  "object": {
12    "key": "value",
13    "array": [
14      { "null_value": null },
15      { "boolean": true },
16      { "integer": 1 }
17    ]
18  }
19 }
```

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► What is JSON?

- **JSON** stands for **JavaScript Object Notation**.
- JSON, is a **minimal, readable format** for **structuring data**. It is used primarily to **transmit data** between a server and web application; and also used for storing data.



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► What is JSON?

- The files should have **.json** as the extension.
- JSON is designed by **Douglas Crockford** (2001).
- <https://json.org/>



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Link(s) on this slide:

- <https://json.org/>

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Quick Comparison YAML vs. JSON

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► Quick Comparison



- **YAML** is best suited for configuration while **JSON** is better as a serialization format or serving up data for your APIs.
- **YAML** has a couple of big advantages including the ability to self-reference, support for complex datatypes, embedded block literals, comments, and more.
- Easily convertible to each other.

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Quick Comparison

JSON	YAML
1 {	1 {
2 "json": {	2 json:
3 "rigid",	3 - rigid
4 "better for data interchange"	4 - better for data interchange
5 }	5 yml:
6 "yml": {	6 - slim and flexible
7 "slim and flexible",	7 - better for configuration
8 "better for configuration"	8 object:
9 }	9 key: value
10 "object": {	10 array:
11 "key": "value",	11 - null value:
12 "array": [12 - boolean: true
13 {	13 - integer: 1
14 "null_value": null	14 }
15 }	
16 }	
17 }	
18 }	
19 }	
20 }	
21 }	
22 }	
23 }	
24 }	

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THANKS!

Any questions?

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