

YAML

- <https://yaml.org/>
- YAML (short for "YAML Ain't Markup Language") is a **human-readable data serialization format**. It's often used for configuration files, data exchange, and other applications where data needs to be represented in a structured way. YAML is designed to be easy to read and write, even by non-technical users, and to work well with a variety of programming languages.

YAML SYNTAX

- The basic structure of YAML is based on the **use of indentation to indicate structure**. This means that each level of structure is indented by a fixed number of spaces (usually 2 or 4). Here's an example of a YAML file that represents a simple shopping list:



```
1  - Milk
2  - Bread
3  - Eggs
4
```

the hyphen symbol (-) is used to indicate a list item

YAML SYNTAX



```
1  name: John Smith
2  age: 35
3  isMarried: true
4  favoriteFoods:
5    - Pizza
6    - Tacos
7    - Sushi
8  birthdate: 1987-05-12
9
```

- the colon **symbol (:)** is used to separate the **key (the name of the data item)** from the **value (the data itself)**. The data types include a **string (name)**, a **number (age)**, a **boolean (isMarried)**, a **list (favoriteFoods)**, and a **date (birthdate)**

YAML SYNTAX



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YAML SYNTAX



```
1  # dictionary
2  person:
3    # k/v: string
4    name: John Smith
5    # k/v: number
6    age: 35
7    # k/v: boolean
8    isMarried: true
9
10 # nested dictionary
11 favoriteFoods:
12   # list
13   - Pizza
14   - Tacos
15   - Sushi
16 # date birthday
17 birthdate: 1987-05-12
```



```
1  {
2    "person": {
3      "name": "John Smith",
4      "age": 35,
5      "isMarried": true,
6      "favoriteFoods": [
7        "Pizza",
8        "Tacos",
9        "Sushi"
10     ],
11     "birthdate": "1987-05-12"
12   }
13 }
```