



# Yaml Syntax basics

XML	JSON	YAML
<pre>&lt;Servers&gt;   &lt;Server&gt;     &lt;name&gt;Server1&lt;/name&gt;     &lt;owner&gt;John&lt;/owner&gt;     &lt;created&gt;123456&lt;/created&gt;     &lt;status&gt;active&lt;/status&gt;   &lt;/Server&gt; &lt;/Servers&gt;</pre>	<pre>{   Servers: [     {       name: Server1,       owner: John,       created: 123456,       status: active     }   ] }</pre>	<pre>Servers: -   name: Server1     owner: John     created: 123456     status: active</pre>

! myyaml.yaml ●

Users > talneeman > Desktop > ! myyaml.yaml

```
1  # my Comment !!
2
3  name: "Tal"
4  occupation: 'Developer Advocate'
5  age: 30
6  height: 1.81
7  fav_num: 1e+2
8  male: true
9  birthday: 1989-04-04 06:30:00 #ISO 8601 standard
10 flaws: null
11
```

Comment

Key Value pair

! myyaml.yaml ●

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```
1  person:
2    name: "Tal"
3    occupation: 'Developer Advocate'
4    age: 30
5    height: 1.81
6    fav_num: 1e+2
7    male: true
8    birthday: 1989-04-04 06:30:00 #ISO 8601 standard
9    flaws: null
10   hobbies:
11     - gaming
12     - developing
13     - eating
14   movies: ["The Hunder games","Matrix"]
15   friends:
16     - name: "Ziv"
17       | hair_color: 'unknown'
18     - {name: "Assaf", num_of_kids: 2}
19     -
20       name: "someone"
21       age: 99
```

Dictionary / Map

Array / List

```
1  person:
2    name: &name "Tal"
3    occupation: 'Developer Advocate'
4    age: 30
5    height: 1.81
6    fav_num: 1e+2
7    male: true
8    birthday: 1989-04-04 06:30:00 #ISO 8601 standard
9    flaws: null
10   hobbies:
11     - gaming
12     - developing
13     - eating
14   movies: ["The Hunder games","Matrix"]
15   friends:
16     - name: "Ziv"
17       hair_color: 'unknown'
18     - {name: "Assaf", num_of_kids: 2}
19     -
20       name: "someone"
21       age: 99
22   description: >
23     a long description that you want to be readable
24     so you split them into many lines
25     but you prefer to get them as a 1 line at the end
26     so you use > sign
27   signature: |
28     Tal
29     I Want to save this format
30     email - talne@il.ibm.com
31   id: *name #"Tal"
```

Copy the value here to \*name

Convert long text into single line string

Convert long text into single string  
and keep the format

! myyaml.yaml

Users > talneeman > Desktop > ! myyaml.yaml

```
1  # my Comment !!
2
3  person:
4    name: &name "Tal"
5    occupation: 'Developer Advocate'
6    age: !!float 30 #30.0
7    height: !!str 1.81 #"1.181"
8    fav_num: 1e+2
9    male: true
10   birthday: 1989-04-04 06:30:00 #ISO 8601 standard
11   flaws: null
12   hobbies:
13     - gaming
14     - developing
15     - eating
16   movies: ["The Hunder games","Matrix"]
17   friends:
18     - name: "Ziv"
19       | hair_color: 'unknown'
20     - {name: "Assaf", num_of_kids: 2}
21     -
22       name: "someone"
23       age: 99
24   description: >
25     | a long description that you want to be readable
26     | so you split them into many lines
27     | but you prefer to get them as a 1 line at the end
28     | so you use > sign
29   signature: |
30     | Tal
31     | I Want to save this format
32     | email - talne@il.ibm.com
33     | id: *name #"Tal"
34
35   ---
36
37   base: &base
38     | var1: value1
39
40   foo:
41     <<: *base #var1: value1
42     var2: value2
```

Casting to float / string

Copy the all map to \*base