

-TOML

TomlminigithubCEO TomTom's Obvious, Minimal Language

TOML

1. WIKI: <https://github.com/toml-lang/toml/wiki>
2. : <https://github.com/toml-lang/toml>
3. :<https://github.com/LongTengDao/TOML/blob/%E9%BE%99%E8%85%BE%E9%81%93-%E8%AF%91/toml-v1.0.0.md>

TOML(YAMLJSON)TOMLJSONTOMLYAMLTOML(JSON)(YAML)

TOMLTOMLTOML

INITOMLINI

Content Menu

-
-
-
-
- - 1.
 - 2. -
 - 3.
 - 4. -
- **BOOL**
-
-
-
-

```
title = "TOML "

[owner]
name = "Tom Preston-Werner"
organization = "GitHub"
bio = "GitHub Cofounder & CEO\nLikes tater tots and beer."
dob = 1979-05-27T07:32:00Z #

[database]
server = "192.168.1.1"
ports = [ 8001, 8001, 8002 ]
connection_max = 5000
enabled = true

[servers]
# TabTOML
[servers.alpha]
ip = "10.0.0.1"
dc = "eqdc10"

[servers.beta]
ip = "10.0.0.2"
dc = "eqdc10"

[clients]
data = [ ["gamma", "delta"], [1, 2] ]

#
hosts = [
  "alpha",
  "omega"
]
```

- UTF-8
- #
- tab(0x09)space(0x20)
- LF(0x0A)CRLF(0x0D 0x0A)
-

TOMLJSON String, Integer, Float, Boolean, Datetime, Array, Table

#

```
# I am a comment. Hear me roar. Roar.  
key = "value" # Yeah, you can do this.
```

TOML4--

1.

Unicode(U+0000 to U+001F)

2. -

```
str1 = ""  
Roses are red  
Violets are blue""
```

3.

```
winpath = 'C:\Users\nodejs\templates'
```

4. -

-

```
str1 = ''  
Roses are red  
Violets are blue''
```

BOOL

```
int1 = +99  
flt3 = -0.01  
bool1 = true
```

```
date = 1979-05-27T07:32:00Z
```

```
array1 = [ 1, 2, 3 ]
array2 = [ "red", "yellow", "green" ]
array3 = [ [ 1, 2 ], [3, 4, 5] ]
array4 = [ [ 1, 2 ], ["a", "b", "c"] ] #
array5 = [ 1, 2.0 ] #
```

```
[table]
```

table EOF

```
[table]
key = "value"
```

Tab

.

```
[dog.tater]
type = "pug"
```

JSON

```
{ "dog": { "tater": { "type": "pug" } } }
```

TOML

```
# [x]
# [x.y]
# [x.y.z]
[x.y.z.w] #
```

```
[a.b]
c = 1
```

```
[a]
d = 2
```

```
#

[a]
b = 1

[a]
c = 2
#

[a]
b = 1

[a.b]
c = 2
```

```
[[products]]
name = "Hammer"
sku = 738594937

[[products]]

[[products]]
name = "Nail"
sku = 284758393
color = "gray"
```

JSON

```
{
  "products": [
    { "name": "Hammer", "sku": 738594937 },
    { },
    { "name": "Nail", "sku": 284758393, "color": "gray" }
  ]
}
```

```
[[fruit]]
name = "apple"

[fruit.physical]
color = "red"
shape = "round"

[[fruit.variety]]
name = "red delicious"

[[fruit.variety]]
name = "granny smith"

[[fruit]]
name = "banana"

[[fruit.variety]]
name = "plantain"
```

JSON

```
{
  "fruit": [
    {
      "name": "apple",
      "physical": {
        "color": "red",
        "shape": "round"
      },
      "variety": [
        { "name": "red delicious" },
        { "name": "granny smith" }
      ]
    },
    {
      "name": "banana",
      "variety": [
        { "name": "plantain" }
      ]
    }
  ]
}
```

```
# TOML

[[fruit]]
  name = "apple"

  [[fruit.variety]]
    name = "red delicious"

#
[fruit.variety]
  name = "granny smith"
```