

```
gtime.TimeTime.TimeUnix2018-07-18 12:01:00
```

```
gtime.Newgtime.TimeTime.Time
//
gtime.New("2020-10-24 12:00:00")
// time.Time
gtime.New(time.Now())
// ()
gtime.New(1603710586)
// ()
gtime.New(160371058660409000)
```

```
2017-12-14 04:51:34 +0805 LMT
2017-12-14 04:51:34 +0805 LMT
2006-01-02T15:04:05Z07:00
2014-01-17T01:19:15+08:00
2018-02-09T20:46:17.897Z
2018-02-09 20:46:17.897
2018-02-09T20:46:17Z
2018-02-09 20:46:17
2018/10/31 - 16:38:46
2018-02-09
2018.02.09
```

```
01-Nov-2018 11:50:28
01/Nov/2018 11:50:28
01.Nov.2018 11:50:28
01.Nov.2018:11:50:28
'-'/'',''
```

1

```
package main

import (
    "fmt"
    "github.com/gogf/gf/os/gtime"
)

func main() {
    formats := []string{
        "Y-m-d H:i:s.u",
        "D M d H:i:s T O Y",
        "\\T\\i\\m\\e \\i\\s: h:i:s a",
        "2006-01-02T15:04:05.000000000Z07:00",
    }
    t := gtime.Now()
    for _, f := range formats {
        fmt.Println(t.Format(f))
    }
}
```

format

```
2018-07-22 11:17:13.797
Sun Jul 22 11:17:13 CST +0800 2018
Time is: 11:17:13 am
2006-01-02CST15:04:05.000000000Z07:00
```

1. \Time is: 11:17:13 am
2. FormatY-m-d H:i:s2006-01-02 15:04:05

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```
package main

import (
    "fmt"
    "github.com/gogf/gf/os/gtime"
)

func main() {
    formats := []string{
        "2006-01-02 15:04:05.000",
        "Mon Jan _2 15:04:05 MST 2006",
        "Time is: 03:04:05 PM",
        "2006-01-02T15:04:05.000000000Z07:00 MST",
    }
    t := gtime.Now()
    for _, f := range formats {
        fmt.Println(t.Layout(f))
    }
}
```

```
2018-07-22 11:28:13.945
Sun Jul 22 11:28:13 CST 2018
Time is: 11:28:13 AM
2018-07-22T11:28:13.945153275+08:00 CST
```

1. FormatLayout
- 2.

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```
package main

import (
    "fmt"
    "github.com/gogf/gf/os/gtime"
    "time"
)

func main() {
    //
    fmt.Println(gtime.Now().AddDate(-1, 0, 0).Format("Y-m-d"))

    // UTC
    fmt.Println(gtime.Now().AddDate(-1, 0, 0).Format("Y-m-d H:i:s T"))
    fmt.Println(gtime.Now().AddDate(-1, 0, 0).UTC().Format("Y-m-d H:i:s T"))

    // 10
    fmt.Println(gtime.Now().AddDate(0, 1, 0).Format("Y-m-d 00:00:00"))

    // 1
    fmt.Println(gtime.Now().Add(-time.Hour).Format("Y-m-d H:i:s"))
}
```

```
2017-07-22
2017-07-22 11:42:36 CST
2017-07-22 03:42:36 UTC
2018-08-22 00:00:00
2018-07-22 10:42:36
```