-guid

guiduid

-
- 32

> *guidguid*

```
0123456789
abcdefghijklmnopqrstuvwxyz
```

```
import "github.com/gogf/gf/v2/util/guid"
```

https://pkg.go.dev/github.com/gogf/gf/v2/util/guid

guidS32

```
func S(data ...[]byte) string
```

1.

   MACHash(7) + PID(4) + TimestampNano(12) + Sequence(3) + RandomString(6)

   - MACMAC7
   - PIDID4
   - TimestampNano12
   - Sequence3
   - RandomString6
2.

   DataHash(7/14) + TimestampNano(12) + Sequence(3) + RandomString(3/10)

   - Data[]byte2714
   -
   - []byte7
   - TimestampNano12
   - Sequence3
   - RandomString310:
     - 110
     - 23

Content Menu

-
-
- 1
- 2

```
goos: darwin
goarch: amd64
pkg: github.com/gogf/gf/v2/util/guid
cpu: Intel(R) Core(TM) i7-9750H CPU @ 2.60GHz
Benchmark_S
Benchmark_S-12                    2665587               423.8 ns/op
Benchmark_S_Data_1
Benchmark_S_Data_1-12             2027568               568.2 ns/op
Benchmark_S_Data_2
Benchmark_S_Data_2-12             4352824               275.5 ns/op
PASS
```

1

```
package main

import (
        "fmt"
        "github.com/gogf/gf/v2/util/guid"
)

func main() {
        fmt.Printf("TraceId: %s", guid.S())
}
```

```
TraceId: oa9sdw03dk0c35q9bdwcnz42p00trwfr
```

2

SessionId

```
func CreateSessionId(r *ghttp.Request) string {
    var (
        address = request.RemoteAddr
        header  = fmt.Sprintf("%v", request.Header)
    )
    return guid.S([]byte(address), []byte(header))
}
```

SessionIdRemoteAddr, Headerguid.S