


I18N-

g.I18n

```
g.I18n().T(context.TODO(), "{#hello} {#world}")
```

 Contextnilcontext.TODO()context.Background()

gil8ngil8n.New()i18n

```
i18n := gil8n.New()
i18n.T(context.TODO(), "{#hello} {#world}")
```

SetLanguageI18N

SetLanguage

g.I18n().SetLanguage("zh-CN")zh-CN

WithLanguage

WithLanguageContext

```
ctx := gil8n.WithLanguage(context.TODO(), "zh-CN")
i18n.Translate(ctx, `hello`)
```

WithLanguage

```
// WithLanguage append language setting to the context and returns a new
context.
func WithLanguage(ctx context.Context, language string) context.Context
```

T

TTranslateT

T/en/ja/ru/zh-CN/zh-TWManager

Content Menu

- -
 -
- - [SetLanguage](#)
 - [WithLanguage](#)
- - [T](#)
 - [1](#)
 - [2](#)
 - [3](#)
 - [Tf](#)
 - [1](#)
 - [2](#)
 - [3](#)
 - - [1](#)
 - [2](#)
 - [3](#)
- [I18N](#)

```
// T translates <content> with configured language and returns the
translated content.
func T(ctx context.Context, content string)
```

```
TT(context.TODO(), "hello")T(context.TODO(), "world")I18N
```

```
T{#}
```

1

```
main.go
i18n
  en.toml
  ja.toml
  ru.toml
  zh-CN.toml
```

2

ja.toml

```
hello = ""
world = ""
```

ru.toml

```
hello = ""
world = ""
```

zh-CN.toml

```
hello = ""
world = ""
```

3

```

package main

import (
    "fmt"
    "github.com/gogf/gf/v2/os/gctx"

    "github.com/gogf/gf/v2/i18n/gil8n"
)

func main() {
    var (
        ctx = gctx.New()
        i18n = gil8n.New()
    )

    i18n.SetLanguage("en")
    fmt.Println(i18n.Translate(ctx, `hello`))
    fmt.Println(i18n.Translate(ctx, `GF says: {#hello}{#world}!`))

    i18n.SetLanguage("ja")
    fmt.Println(i18n.Translate(ctx, `hello`))
    fmt.Println(i18n.Translate(ctx, `GF says: {#hello}{#world}!`))

    i18n.SetLanguage("ru")
    fmt.Println(i18n.Translate(ctx, `hello`))
    fmt.Println(i18n.Translate(ctx, `GF says: {#hello}{#world}!`))

    ctx = gil8n.WithLanguage(ctx, "zh-CN")
    fmt.Println(i18n.Translate(ctx, `hello`))
    fmt.Println(i18n.Translate(ctx, `GF says: {#hello}{#world}!`))
}

```

```

Hello
GF says: HelloWorld!

GF says: !

GF says: !

GF says: !

```

Tf

Tf

TfTranslateFormatfmtPrintf

```

// Tf translates, formats and returns the <format> with configured language
// and given <values>.
func Tf(ctx context.Context, format string, values ...interface{}) string

```

1

```

main.go
i18n
    en.toml
    zh-CN.toml

```

2

en.toml

```
OrderPaid = "You have successfully complete order #%d payment, paid  
amount: %0.2f."
```

zh-CN.toml

```
OrderPaid = " #%d %.2f"
```

3

```
package main

import (
    "fmt"
    "github.com/gogf/gf/v2/i18n/gil8n"
    "github.com/gogf/gf/v2/os/gctx"
)

func main() {
    var (
        ctx      = gctx.New()
        orderId  = 865271654
        orderAmount = 99.8
    )

    i18n := gil8n.New()
    i18n.SetLanguage("en")
    fmt.Println(i18n.Tf(ctx, `#{OrderPaid}`, orderId, orderAmount))

    i18n.SetLanguage("zh-CN")
    fmt.Println(i18n.Tf(ctx, `#{OrderPaid}`, orderId, orderAmount))
}
```

```
You have successfully complete order #865271654 payment, paid amount:  
99.80.  
#865271654 99.80
```



i18n

1

```
main.go
i18n
    en.toml
    zh-CN.toml
```

2

en.toml

```
OrderPaid = "You have successfully complete order #%d payment, paid  
amount: %0.2f."
```

zh-CN.toml

```
OrderPaid = " #%d %.2f"
```


3

```
package main

import (
    "context"
    "fmt"
    "github.com/gogf/gf/v2/frame/g"
    "github.com/gogf/gf/v2/i18n/gi18n"
)


func main() {
    var (
        orderId    = 865271654
        orderAmount = 99.8
    )
    fmt.Println(g.I18n().Tf(
        gi18n.WithLanguage(context.TODO(), `en`),
        `{#OrderPaid}`, orderId, orderAmount,
    ))
    fmt.Println(g.I18n().Tf(
        gi18n.WithLanguage(context.TODO(), `zh-CN`),
        `{#OrderPaid}`, orderId, orderAmount,
    ))
}
```

```
You have successfully complete order #865271654 payment, paid amount:
99.80.
#865271654 99.80
```

 i18n

I18N

gi18nGoFrame/gi18n

 I18nLanguage

```
package main

import (
    "github.com/gogf/gf/v2/frame/g"
    "github.com/gogf/gf/v2/i18n/gi18n"
    "github.com/gogf/gf/v2/net/ghttp"
)

func main() {
    s := g.Server()
    s.Group("/", func(group *ghttp.RouterGroup) {
        group.Middleware(func(r *ghttp.Request) {
            r.SetCtx(gi18n.WithLanguage(r.Context(), r.
GetString("lang", "zh-CN")))
            r.Middleware.Next()
        })
        group.ALL("/", func(r *ghttp.Request) {
            r.Response.WriteTplContent(`{#hello}{#world}!`)
        })
    })
    s.SetPort(8199)
    s.Run()
}
```

1. <http://127.0.0.1:8199>

!

2. <http://127.0.0.1:8199/?lang=ja>

!

