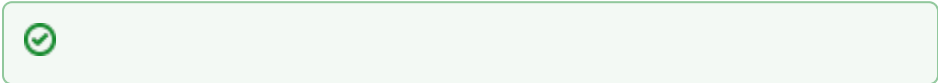


# -gen dao

gen daoCLIdaodoentityGo



gf gen dao

```
$ gf gen dao -h
USAGE
    gf gen dao [OPTION]

OPTION
    -p, --path                directory path for generated files
    -l, --link                database configuration, the same as the
ORM configuration of GoFrame
    -t, --tables              generate models only for given tables,
multiple table names separated with ','
    -x, --tablesEx           generate models excluding given tables,
multiple table names separated with ','
    -g, --group              specifying the configuration group name of
database for generated ORM instance,
                             it's not necessary and the default value
is "default"
    -f, --prefix             add prefix for all table of specified link
/database tables
    -r, --removePrefix       remove specified prefix of the table,
multiple prefix separated with ','
    -rf, --removeFieldPrefix remove specified prefix of the field,
multiple prefix separated with ','
    -j, --jsonCase           generated json tag case for model struct,
cases are as follows:
                             | Case           | Example           |
                             |-----|-----|
                             | Camel         | AnyKindOfString  |
                             | CamelLower    | anyKindOfString  |
default
                             | Snake         | any_kind_of_string |
                             | SnakeScreaming | ANY_KIND_OF_STRING |
                             | SnakeFirstUpper | rgb_code_md5      |
                             | Kebab         | any-kind-of-string |
                             | KebabScreaming | ANY-KIND-OF-STRING |
    -i, --importPrefix       custom import prefix for generated go files
    -d, --daoPath            directory path for storing generated dao
files under path
    -o, --doPath            directory path for storing generated do
files under path
    -e, --entityPath        directory path for storing generated
entity files under path
    -t1, --tplDaoIndexPath  template file path for dao index file
    -t2, --tplDaoInternalPath template file path for dao internal file
    -t3, --tplDaoDoPath     template file path for dao do file
    -t4, --tplDaoEntityPath template file path for dao entity file
    -s, --stdTime           use time.Time from stdlib instead of gtime.
Time for generated time/date fields of tables
    -w, --withTime          add created time for auto produced go files
    -n, --gJsonSupport      use gJsonSupport to use *gjson.Json
instead of string for generated json fields of
tables
    -v, --overwriteDao     overwrite all dao files both inside
/outside internal folder
    -c, --descriptionTag    add comment to description tag for each
field
    -k, --noJsonTag        no json tag will be added for each field
```

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- 
- 
- 
- 
- bool

```
-m, --noModelComment    no model comment will be added for each
field
-a, --clear              delete all generated go files that do not
exist in database
-y, --typeMapping        custom local type mapping for generated
struct attributes relevant to fields of table
-h, --help               more information about this command
```

#### EXAMPLE

```
gf gen dao
gf gen dao -l "mysql:root:12345678@tcp(127.0.0.1:3306)/test"
gf gen dao -p ./model -g user-center -t user,user_detail,user_login
gf gen dao -r user_
```

#### CONFIGURATION SUPPORT

Options are also supported by configuration file.

It's suggested using configuration file instead of command line arguments making producing.

The configuration node name is "gfcli.gen.dao", which also supports multiple databases, for example(config.yaml):

```
gfcli:
  gen:
    dao:
      - link: "mysql:root:12345678@tcp(127.0.0.1:3306)/test"
        tables: "order,products"
        jsonCase: "CamellLower"
      - link: "mysql:root:12345678@tcp(127.0.0.1:3306)/primary"
        path: "./my-app"
        prefix: "primary_"
        tables: "user, userDetails"
        typeMapping:
          decimal:
            type: decimal.Decimal
            import: github.com/shopspring/decimal
          numeric:
            type: string
```



makemake dao

/hack/config.yaml

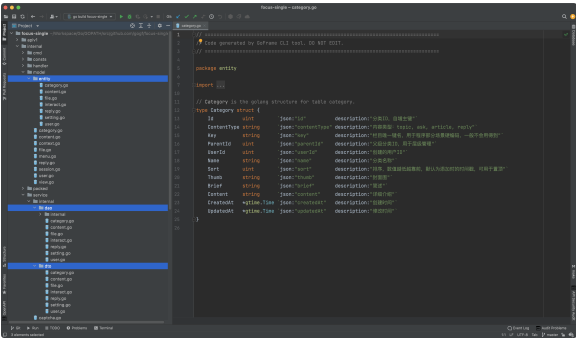
```
gfcli:
  gen:
    dao:
      - link: "mysql:root:12345678@tcp(127.0.0.1:3306)/test"
        tables: "order,products"
        jsonCase: "CamellLower"

      - link: "mysql:root:12345678@tcp(127.0.0.1:3306)/primary"
        path: "./my-app"
        prefix: "primary_"
        tables: "user, userDetails"

      # sqlitesqlitegfgf\cmd\gf\internal\cmd\cmd_gen_dao.goimportssqlite
gcc
  - link: "sqlite:./file.db"
```

|                    |                                                                                                                               |                                                                                                               |                          |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------|
| gfcli.gen.dao      |                                                                                                                               | dao                                                                                                           | -                        |
| link               |                                                                                                                               | mysql, postgresql, dsn <a href="#">ORM</a>                                                                    | -                        |
| path               | internal                                                                                                                      | daomodel                                                                                                      | ./app                    |
| group              | default                                                                                                                       |                                                                                                               | default<br>order<br>user |
| prefix             |                                                                                                                               |                                                                                                               | order_<br>user_          |
| removePrefix       |                                                                                                                               | ,                                                                                                             | gf_                      |
| removeFieldPrefix  |                                                                                                                               | ,                                                                                                             | f_                       |
| tables             |                                                                                                                               |                                                                                                               | user,<br>user_detail     |
| tablesEx           |                                                                                                                               | Tables Excluding                                                                                              | product,<br>order        |
| jsonCase           | CamelLower                                                                                                                    | modeljsonCamelCamelLowerSnakeSnakeScreamingSnakeFirstUpperKebabKebabScreaming                                 | Snake                    |
| stdTime            | false                                                                                                                         | time.Time*gtime.Time                                                                                          | true                     |
| withTime           | false                                                                                                                         |                                                                                                               |                          |
| gJsonSupport       | false                                                                                                                         | JSON*gjson.Json                                                                                               | true                     |
| overwriteDao       | false                                                                                                                         | daodao/internaldao/internal                                                                                   | true                     |
| importPrefix       | go.mod                                                                                                                        | Goimportgen dao                                                                                               | github.com/gogf/gf       |
| descriptionTag     | false                                                                                                                         | desription                                                                                                    | true                     |
| noJsonTag          | false                                                                                                                         | json                                                                                                          |                          |
| noModelComment     | false                                                                                                                         |                                                                                                               | true                     |
| clear              | false                                                                                                                         | dao/do/entity                                                                                                 |                          |
| typeMapping        | decimal:<br>type:<br>float64<br>money:<br>type:<br>float64<br>numeric:<br>type:<br>float64<br>smallmoney:<br>type:<br>float64 | <b>v2.5</b><br><br>Goimport<br><br>decimal:<br>type: decimal.Decimal<br>import: github.com/shopspring/decimal |                          |
| daoPath            | dao                                                                                                                           | DAO                                                                                                           |                          |
| doPath             | model/do                                                                                                                      | DO                                                                                                            |                          |
| entityPath         | model/entity                                                                                                                  | Entity                                                                                                        |                          |
| tplDaoIndexPath    |                                                                                                                               | DAO Index                                                                                                     |                          |
| tplDaoInternalPath |                                                                                                                               | DAO Internal                                                                                                  |                          |
| tplDaoDoPath       |                                                                                                                               | DO                                                                                                            |                          |
| tplDaoEntityPath   |                                                                                                                               | Entity                                                                                                        |                          |

<https://github.com/gogf/gogf-focus-single>



13dao

|                        |  |                                                                               |
|------------------------|--|-------------------------------------------------------------------------------|
|                        |  |                                                                               |
| /internal/dao          |  | ORMentitydo                                                                   |
| /internal/model/do     |  | do                                                                            |
|                        |  | <ul style="list-style-type: none"><li>•</li><li>• DAO-</li><li>• do</li></ul> |
| /internal/model/entity |  |                                                                               |

2model

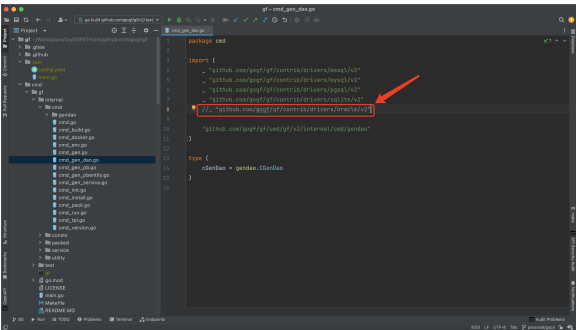
CLI model/entity CLICLI

service model

3daoDAO0daoctxTransaction



gen daoOracleCLICGO



bool

boolbit(1)boolgen daobit(1)booltinyint(1)bool

|                 |             |                          |                                     |                          |                          |                                     |                          |                          |                          |      |
|-----------------|-------------|--------------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|------|
| status          | VARCHAR(50) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | "    |
| uniq_instanc... | VARCHAR(64) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | "    |
| route_type      | INT(10)     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | "1"  |
| network_type    | VARCHAR(32) | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | "    |
| is_ipv6         | BIT(1)      | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | NULL |

```
25 Status      string      description:"running/offlined"
26 UniqInstanceId string    description:"网络绑定唯一ID"
27 RouteType   uint        description:"路由类型: 0 基础网络 1 vpc 网络"
28 NetworkType string      description:"网络类型: vpc"
29 IsIPv6      bool         description:"是否IPv6"
30 Component   string      description:"组件名称"
```