

ORM



```
gg.DB("")config.toml

toml,yaml,json,xmltoml
```

```
config.toml

[database]
[[database.]]
  Host      = ""
  Port      = ""
  User      = ""
  Pass      = ""
  Name      = ""
  Type      = "(mysql/pgsql/mssql/sqlite/oracle)"
  Role      = "()(master/slave)master"
  Debug     = "()"
  Prefix    = "()"
  DryRun    = "()ORM()"
  Charset   = "()( : utf8/gbk/gb2312)utf8"
  Weight    = "()"
  Linkinfo  = "()(Host,Port,User,Pass,Name)type"
  MaxIdle   = "()"
  MaxOpen   = "()"
  MaxLifetime = "()"
  CreatedAt = "()"
    UpdatedAt = "()"
    DeletedAt = "()"
```

```
(TOML)

[database]
[[database.default]]
  host      = "127.0.0.1"
  port      = "3306"
  user      = "root"
  pass      = "12345678"
  name      = "test"
  type      = "mysql"
  role      = "master"
  debug     = "true"
  dryrun    = 1
  weight    = "100"
  prefix    = "gf_"
  charset   = "utf8"
  linkinfo  = ""
  maxIdle   = "10"
  maxOpen   = "100"
  maxLifetime = "30"
```

toml

```
()

gdblinkinfo link

[database]
[[database.default]]
  type = "mysql"
  link = "root:12345678@tcp(127.0.0.1:3306)/test"
[[database.user]]
  type = "mysql"
  link = "mysql:root:12345678@tcp(127.0.0.1:3306)/user"
```

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```
[database]
[[database.default]]
    link = "mysql:root:12345678@tcp(127.0.0.1:3306)/test"
[[database.user]]
    link = "mysql:root:12345678@tcp(127.0.0.1:3306)/user"
```

```
[database]
[database.default]
    link = "mysql:root:12345678@tcp(127.0.0.1:3306)/test"
[database.user]
    link = "mysql:root:12345678@tcp(127.0.0.1:3306)/user"
```

```
[database]
    link = "mysql:root:12345678@tcp(127.0.0.1:3306)/test"
```

link:

	link	
mysql	mysql: :@tcp(:)/	mysql
pgsql	pgsql: user= password= host= port= dbname=	pq
mssql	mssql: user id=;password=;server=;port=;database=;encrypt=disable	go-mssqldb
sqlite	sqlite: (: /var/lib/db.sqlite3)	go-sqlite3
oracle	oracle: /@:/	go-oci8


linkinfo [ORM](#)

```
gdbglog.LoggergdbDEBUGDEBUGdebugtrue
```

```
[database]
[database.logger]
    Path    = "/var/log/gf-app/sql"
    Level   = "all"
    Stdout  = true
[database.primary]
    link     = "mysql:root:12345678@tcp(127.0.0.1:3306)/user_center"
    debug    = true
```

```
database.loggergdb
```

()



gdb

```

type Config      map[string]ConfigGroup //
type ConfigGroup []ConfigNode           //
// ()
type ConfigNode  struct {
    Host      string //
    Port      string //
    User      string //
    Pass      string //
    Name      string //
    Type      string // mysql, sqlite, mssql, pgsql, oracle
    Role      string // (master)mastermaster, slave
    Debug     bool   // ()
    Charset   string // ( utf8) utf8
    Prefix    string // ()
    Weight    int    // ()
    Linkinfo  string // ()(Host,Port,User,Pass,Name)()
    MaxIdleConnCount int  // ()
    MaxOpenConnCount int  // ()
    MaxConnLifetime int  // ()
}

```

```

ConfigNodeConfigGroup()ConfigConfigGroup

```

- 1.
- 2.
- 3.
- 4.
5. ConfigNode.Type
6. Master-SlaveConfigNode.Role
7. ConfigNode.Priority

```

gdb()

```

```

gdb

```

<https://godoc.org/github.com/gogf/gf/database/gdb>

```

//
func AddConfigNode(group string, node ConfigNode)
// ()
func AddConfigGroup(group string, nodes ConfigGroup)

// (default)
func AddDefaultConfigNode(node ConfigNode)
// (default)
func AddDefaultConfigGroup(nodes ConfigGroup)

//
func SetDefaultGroup(groupName string)

//
func SetConfig(c Config)

```

```

gdbgdb.New()

```

```

gdbSetConfig

```

```

gdb.SetConfig(gdb.Config {
    "default" : gdb.ConfigGroup {
        gdb.ConfigNode {
            Host      : "192.168.1.100",
            Port      : "3306",
            User       : "root",
            Pass       : "123456",
            Name       : "test",
            Type       : "mysql",
            Role       : "master",
            Weight     : 100,
        },
        gdb.ConfigNode {
            Host      : "192.168.1.101",
            Port      : "3306",
            User       : "root",
            Pass       : "123456",
            Name       : "test",
            Type       : "mysql",
            Role       : "slave",
            Weight     : 100,
        },
    },
    "user-center" : gdb.ConfigGroup {
        gdb.ConfigNode {
            Host      : "192.168.1.110",
            Port      : "3306",
            User       : "root",
            Pass       : "123456",
            Name       : "test",
            Type       : "mysql",
            Role       : "master",
            Weight     : 100,
        },
    },
})

gdb.New(" ")/

```