

ORM-LeftJoin/RightJoin/InnerJoin

LeftJoin/RightJoin/InnerJoin

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```
// ()
// SELECT u.*,ud.site FROM user u LEFT JOIN user_detail ud ON u.uid=ud.uid
WHERE u.uid=1 LIMIT 1
g.Model("user u").LeftJoin("user_detail ud", "u.uid=ud.uid").Fields("u.*,
ud.site").Where("u.uid", 1).One()

//
// SELECT ud.site FROM user u RIGHT JOIN user_detail ud ON u.uid=ud.uid
WHERE u.uid=1 LIMIT 1
g.Model("user u").RightJoin("user_detail ud", "u.uid=ud.uid").Fields("ud.
site").Where("u.uid", 1).Value()

//
// SELECT u.*,ud.city FROM user u INNER JOIN user_detail ud ON u.uid=ud.
uid GROUP BY city ORDER BY register_time asc
g.Model("user u").InnerJoin("user_detail ud", "u.uid=ud.uid").Fields("u.*,
ud.city").Group("city").Order("register_time asc").All()

// join
// SELECT u.*,ud.city FROM user u,user_detail ud WHERE u.uid=ud.uid
g.Model("user u,user_detail ud").Where("u.uid=ud.uid").Fields("u.*,ud.
city").All()
```

```
// SELECT * FROM `user` AS u LEFT JOIN `user_detail` as ud ON(ud.id=u.id)
WHERE u.id=1 LIMIT 1
g.Model("user", "u").LeftJoin("user_detail", "ud", "ud.id=u.id").Where("u.
id", 1).One()
g.Model("user").As("u").LeftJoin("user_detail", "ud", "ud.id=u.id").Where
("u.id", 1).One()
```

LeftJoinOnFields/RightJoinOnFields/InnerJoinOnFields

LeftJoinOnFields/RightJoinOnFields/InnerJoinOnFields join

```
// ()
// SELECT user.*,user_detail.address FROM user LEFT JOIN user_detail ON
// (user.id = user_detail.uid) WHERE user.id=1 LIMIT 1
g.Model("user").LeftJoinOnFields("user_detail", "id", "=", "uid").Fields
("user.*,user_detail.address").Where("id", 1).One()

//
// SELECT user.*,user_detail.address FROM user RIGHT JOIN user_detail ON
// (user.id = user_detail.uid)
g.Model("user").RightJoinOnFields("user_detail", "id", "=", "uid").Fields
("user.*,user_detail.address").All()
```

dao

```
// SELECT resource_task_schedule.id,...,time_window.time_window
// FROM `resource_task_schedule`
// LEFT JOIN `time_window` ON (`resource_task_schedule`.
// `resource_id`=`time_window`.`resource_id`)
// WHERE (time_window.`status`="valid") AND (`time_window`.`start_time` <=
3600)
var (
    orm                = dao.ResourceTaskSchedule.Ctx(ctx)
    tsTable            = dao.ResourceTaskSchedule.Table()
    tsCls              = dao.ResourceTaskSchedule.Columns()
    twTable            = dao.TimeWindow.Table()
    twCls              = dao.TimeWindow.Columns()
    scheduleItems      []scheduleItem
)
orm = orm.FieldsPrefix(tsTable, tsCls)
orm = orm.FieldsPrefix(twTable, twCls.TimeWindow)
orm = orm.LeftJoinOnField(twTable, twCls.ResourceId)
orm = orm.WherePrefix(twTable, twCls.Status, "valid")
orm = orm.WherePrefixLTE(twTable, twCls.StartTime, 3600)
err = orm.Scan(&scheduleItems)
```

```

// SELECT DISTINCT resource_info.* FROM `resource_info`
// LEFT JOIN `resource_network` ON (`resource_info`.`resource_id`=`resource_network`.`resource_id`)
// WHERE (`resource_info`.`resource_id` like '%10.0.1.3%')
// or (`resource_info`.`resource_name` like '%10.0.1.3%')
// or (`resource_network`.`vip` like '%10.0.1.3%')
// ORDER BY `id` Desc LIMIT 0,2
var (
    orm    = dao.ResourceInfo.Ctx(ctx).OmitEmpty()
    rTable = dao.ResourceInfo.Table()
    rCls   = dao.ResourceInfo.Columns()
    nTable = dao.ResourceNetwork.Table()
    nCls   = dao.ResourceNetwork.Columns()
)
orm = orm.LeftJoinOnField(nTable, rCls.ResourceId)
orm = orm.WherePrefix(rTable, do.ResourceInfo{
    AppId:      req.AppIds,
    ResourceId: req.ResourceIds,
    Region:     req.Regions,
    Zone:       req.Zones,
    ResourceName: req.ResourceNames,
    Status:     req.Statuses,
    BusinessType: req.Products,
    Engine:     reqEngines,
    Version:    req.Versions,
})
orm = orm.WherePrefix(nTable, do.ResourceNetwork{
    Vip:      req.Vips,
    VpcId:    req.VpcIds,
    SubnetId: req.SubnetIds,
})
// Fuzzy like querying.
if req.Key != "" {
    var (
        keyLike = "%" + req.Key + "%"
    )
    whereFormat := fmt.Sprintf(
        "(`%s`.`%s` like ?) or (`%s`.`%s` like ?) or (`%s`.`%s` like ?)",
        rTable, rCls.ResourceId,
        rTable, rCls.ResourceName,
        nTable, nCls.Vip,
    )
    orm = orm.Where(whereFormat, keyLike, keyLike, keyLike)
}
// Resource items.
err = orm.Distinct().FieldsPrefix(rTable, "").Order(req.Order, req.OrderDirection).Limit(req.Offset, req.Limit).Scan(&res.Items)

```