Laravel Db Query builder:

RelationalModel:

Table

**User**:

Id,name,email

1,stalin,stalingalaxy@gmail.com

**Clients:**

Id,user\_id,clientname

1,1,Pakyaraj

One tone :

User.php

public function client(){

return $this->hasOne('App\Clients');

}

Web.php

use App\User;

Route::get('/user/client/{id}', function () {

return User::find(1)->client->name;

});

<url:user/client/1>

**op:Pakyaraj**

**Reverse Process**

use App\Clients;

Route::get('/client/user/{id}', function () {

return Clients::find(1)->user;

});

Clients.php

public function user(){

return $this->belongsTo('App\User');

}

OP:

stalin

One to Many :

User.php

public function client(){

return $this->hasMany('App\Clients');

}

Web.php

use App\User;

Route::get('/user/client/{id}', function () {

$comments = User::find(1)->client;

Foreach($comments as $comment){

Echo $comment->name;

}

});

<url:user/client/1>

op:name->stalin

Select \* from clients:

$users = DB::table('clients')->get();

foreach ($users as $user) {

echo $user->name."<br>";

}

SELECT name, email FROM clients;

$users = DB::table()->select(‘name’,’email’)->get();

foreach ($users as $user) {

echo $user->name."<br>";

echo $user->email."<br>";

}

$users = DB::table()->select(‘name’)->distinct()->get();

SELECT COUNT(DISTINCT Country) FROM Customers;

[Try it Yourself »](https://www.w3schools.com/sql/trysql.asp?filename=trysql_select_distinct2)

$users = DB::table('users')->distinct('name')->count('name');

SELECT DISTINCT Country FROM Customers;

$users = DB::table('users')->select('name')->distinct()->get();

SELECT \* FROM users  
WHERE id=4;

$users = DB::table(‘users’)->where(‘id’,”=”,4)->first();

$users = DB::table('users')->where('usertype','=',"admin")->first();

$users = DB::table('clients')->where('age','>=',30)->get();

foreach ($users as $user) {

echo $user->name."<br>";

}

SELECT \* FROM Customers  
WHERE Country='Germany' AND City='Berlin';

$customers = DB::table(“Customers”)

->where(“Country”,”=”,”Germany”)

->where(“City”,”=”,”Berlin”)

->get();

SELECT \* FROM Customers  
WHERE City='Berlin' OR City='München';

$customers = DB::table(“Customers”)

->where(“Country”,”=”,”Germany”)

->orwhere(“City”,”=”,”Berlin”)

->get();

SELECT \* FROM Customers  
WHERE NOT Country='Germany';

Where:

$users = DB::table('users')->where('id',4)->first();

select \* from `users` where `id` = ?

count:

$users = DB::table('users')->count();

Max and Min and avg

$users = DB::table('clients')->min('age');

$users = DB::table('clients')->max('age');

$users = DB::table('clients')->avg('age');

Select column

$users = DB::table('users')->select('name', 'email as user\_email')->get();

Join:

$users = DB::table('users')

->join('contacts', 'users.id', '=', 'contacts.user\_id')

->join('orders', 'users.id', '=', 'orders.user\_id')

->select('users.\*', 'contacts.phone', 'orders.price')

->get();