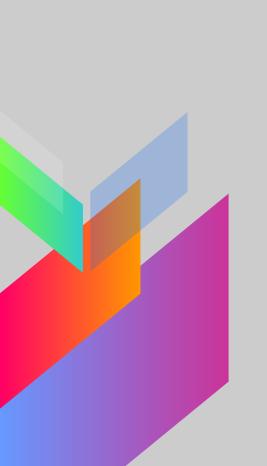


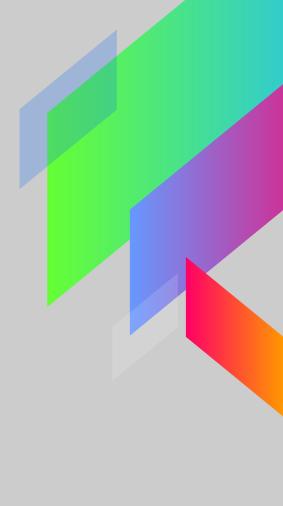
# **LARAVEL**

**CLASE 05** 



### **RELACIONES**

Manejo de relaciones en Laravel



### **RELACIONES**

#### **DIRECCIONALIDAD**

**CARDINALIDAD** 

A -- conoce a --> B

A -- tiene un --> B

No es lo mismo que...

No es lo mismo que...

B -- conoce a --> A

A -- tiene muchos --> B

## **ELOQUENT: RELACIONES**

#### N:1 - Belongs To

- Episode belongsTo Season
- Profile belongsTo User

#### <u>1:0...1</u> - <u>Has One</u>

- User hasOne Profile
- Person hasOne DNI

#### 1:0...N - Has Many

- Season hasMany Episode
- Genre hasMany Movie

#### N:M - Belongs to Many

- Actor belongsToMany Movie
- Client belongsToMany Product

```
// hasOne / belongsTo
     public function profile()
           return $this->hasOne(Profile::class, 'foreign_key', 'other_key');
class Profile extends Model
     public function user()
           return $this->belongsTo(User::class, 'foreign_key', 'other_key');
// A partir de un Objeto User
$user = User::find(1);
// Obtenemos su objeto Profile relacionado
$profile = $user->profile;
// Y viceversa...
$profile = Profile::find(42);
$user = $profile->user;
```

class User extends Model

```
// hasMany / belongsTo
     public function pets()
           return $this->hasMany(Pet::class, 'foreign_key', 'local_key');
class Pet extends Model
     public function user()
           return $this->belongsTo(User::class, 'foreign_key', 'other_key');
}
// A partir de un Objeto User obtenemos su colección de objetos Pet relacionados
$user = User::find(1);
$pets = $user->pets;
// Y viceversa
$pet = Pet::find(9);
$user = $pet->user;
// Podemos hacer una query para obtener solo algunos
$dogs = $user->pets()->where('type', 'dog')->get();
```

class User extends Model

```
class Actor extends Model
     // belongsToMany
     public function movies()
           return $this->belongsToMany(Movie::class, 'table', 'foreign key', 'other key');
class Movie extends Model
     public function actors()
           return $this->belongsToMany(Actor::class, 'table', 'foreign_key', 'other_key');
}
// A partir de un Objeto Actor obtenemos su colección de objetos Movies relacionados
$actor = Actor::find(1);
$movies = $actor->movies;
// Y viceversa
$movie = Movie::find(23);
$actors = $movie->actors;
// También podemos hacer queries
$bestActors = $movie->actors()->where('rating', '>', 8)->orderBy('last_name')->get();
```

# ES MOMENTO DE PRACTICAR!

