

Artisan

```
php artisan routes
php artisan make:controller UserController
php artisan make:model User
php artisan make:model User -m
// Migrations
php artisan migrate:make create_users-
_table
php artisan migrate:make create_users-
_table --create=users
php artisan migrate
php artisan migrate:rollback
php artisan migrate:refresh
// Seed
php artisan generate:seed posts
php artisan db:seed
php artisan migrate:refresh --seed
php artisan db:seed --class=PostsTableS-
eeder
// Generators
php artisan generate:resource post --fields-
="title:string, body:text"
php artisan generate:pivot categories users
```

Model

Relations

```
class Post extends Eloquent {
...
public function user(){
return $this->belongsTo("User");
// hasMany
// hasOne
// belongsToMany
```

Model (cont)

```
}
...
}
// SELECT
$post = Post::all();
$post = Post::find(2);
$post = Post::where('title', 'LIKE', '%et%')->
get();
$post = Post::where('title', 'LIKE', '%et%')->
take(1)->skip(1)->get();
// INSERT
$post = new Post;
$post->title = 'post1 title';
$post->body = 'post1 body';
$post->save();
// Insert amb vector de dades
$data = array(
'title' => 'post2 title',
'body' => 'post2 body'
);
Post::create($data);
// UPDATE
$post = Post::find(1);
$post->title('updated title');
$post->save();
// DELETE
$post = Post::find(1);
$post->delete();
$post->forceDelete(1); If using SoftDeletes
Post::destroy(1);
```

Általános info

A laravel model alapértelmezett vissza-
térési értéke json.
author(belongsTo) book (hasMany)
id id
name title
author_id

Laravel telepítése

1. **Virtual box feltelepítése**
2. **Vagrant telepítése**
3. **git, composer telepítése**
--git parancskezelőből
--c:/users/felhasználóneved
4. **vagrant box add laravel/homestead**
parancs kiadása git-ből
5. git clone <https://github.com/laravel/homestead.git> Homestead
6. cd Homestead
7. bash init.sh**
8. ssh beállítása
ssh-keygen -t rsa -C "ernax" - a későbbi
kapcsolódáshoz jegyezzük meg a stringet
Homestead beállításai:(homestead.yaml)

ip: "192.168.10.10"
memory: 2048
cpus: 1
provider: virtualbox
authorize: ~/.ssh/id_rsa.pub
keys:
- ~/.ssh/id_rsa
folders:



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Not published yet.

Last updated 4th April, 2017.

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Laravel telepítése (cont)

```
- map: E:/Projects
// a host gépen a projectek mappájának
elérése
to: /home/vagrant/Projects
// a virtuális gépen a mappák elérése
sites:
- map: laravel.dev
// a project elérése, mint a xamppnál a
localhost vagy 127.0.0.1/
to: /home/vagrant/Projects/laravel/public
//a virtuális gép url elérése
- map: homestead.dev
to: /home/vagrant/Projects/homestead/-
public
databases:
//adatbázisok, amiket a projectekhez
használunk
- homestead
- laravel
-
```

Host file szerkesztése:

A homestead.yml-ben az ip-t kell hozzárendelni a project nevéhez
pl.: 192.168.10.10 laravel.dev
Ahhoz, hogy belépjünk a virtuális gépbe először bekell lépnünk a Homestead mappába (cd Homestead) , majd a vagrant ssh parancsot kell kiadnunk.
A következő paranccsal létrehozzuk a projectünket:

Laravel telepítése (cont)

```
composer create-project --prefer-dist
laravel/laravel ernax //azért ernax a project
neve mert a homestead.yml-ben ernax.d-
ev-ként vettünk fel egy host nevet, azaz
annak a hostnévnek a nevét kell megadni
amelyikhez a projectet szeretnénk létre-
ozni.
mysql workbench csatlakozása a homest-
ead-hez
ip 192.168.10.10
port: 3306
user homestead
pw secret
homestead futtatása, leállítása
vagrant up / vagrant halt / vagrant
ssh(ctrl+d kilépés)
```

Migration Columns methods reference

```
$table->bigIn-      Incrementing ID using a
crements('id');    big integer equivalent
$table->bigInte-     BIGINT equivalent to the
ger('votes');      table
```

Migration Columns methods reference (copy)

```
$table->bigIncrements('id');
|
| Incrementing ID using a big integer
| equivalent
|
$table->bigInteger('votes');
|
| BIGINT equivalent to the table
|
$table->binary('data');
|
| BLOB equivalent to the table
|
$table->boolean('confirmed');
|
| BOOLEAN equivalent to the table
|
$table->char('name', 4);
|
| CHAR equivalent with the length
```

Migration Columns methods reference (copy) (cont)

```
$table->date('created_at')
|
| DATE equivalent to the table
|
$table->dateTime('created_at');
|
| DATETIME equivalent to the table
|
$table->decimal('amount', 5, 2);
|
| DECIMAL equivalent with a precision
| and scale
|
$table->double('column', 15, 8);
|
| DOUBLE equivalent with precision, 15
| digits in total and 8 after the decimal
| point
|
$table->enum('choices', ['foo', 'bar']);
|
| 'bar'); ENUM equivalent to the table
|
$table->float('amount');
|
| FLOAT equivalent to the table
|
$table->increments('id');
|
| Incrementing ID to the table (primary
| key)
|
$table->integer('votes');
|
| INTEGER equivalent to the table
|
$table->json('options');
|
| JSON equivalent to the table
|
$table->longText('description');
|
| LONGTEXT equivalent to the table
|
$table->mediumInteger('numbers');
|
| MEDIUMINT equivalent to the table
|
$table->mediumText('description');
|
| MEDIUMTEXT equivalent to the table
|
$table->nullableTimestamps();
|
| Same as timestamps(), except the fact
| that this allows NULLS
|
$table->smallInteger('votes');
|
| SMALLINT equivalent to the table
|
$table->tinyInteger('numbers');
|
| TINYINT equivalent to the table
```



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Migration Columns methods reference (copy) (cont)

```
$table->string('email');
```

VARCHAR equivalent column

```
$table->string('name', 100);
```

VARCHAR equivalent with the length of a string

```
$table->text('description');
```

TEXT equivalent to the table

Model relation

author(belongsTo) book (hasMany)

id id

name title

author_id

hasMany - sok van

belongsTo - hozzá tartozik

Migration other methods

```
$table->timestamps();      $table->rememberToken();
```

```
$table->softDeletes();      $table->integer('my_column')->unsigned();
```

```
$table->string('my_column')->default('my_default_value');      $table->string('my_column')->nullable();
```

Updating tables and columns

```
Schema::table('books', function(Blueprint $table) {
    $table->string('title', 250)->change();
});
```

```
$table->dropPrimary('authors_id_primary');
$table->dropUnique('authors_email_unique');
$table->dropIndex('books_title_index');
$table->dropForeign('books_author_id_foreign');
```

Route

Simple route

```
Route::get('/function'){
    return view('view');
};
```

```
Route::get('/', 'HomeController@index');
Route::get('/article/{id}', 'ArticleController@index');
```

```
Route::get('/article/{id?}', 'ArticleController@index');//? nullable parameter
```

```
Route::get('posts/{id}', function($id){
    return View::make('post.single')->with('id', $id);
});
```

Groups

```
Route::group(array('before' => 'auth'),
function(){
    // Route:: ...
    // Route:: ...
});
```

Prefixs

```
Route::group(array('prefix' => 'admin'),
function(){
    // Route:: ...
    // Route:: ...
});
```

Blade

Blade layout

```
<!-- HTML -->
@include('partials.menu');
[...]
@yield('content');
[...]
@section('sidebar');
```

Blade Template

```
@extends('layouts.default');
@section('content');
[...]
@stop
@section('sidebar')
@parent
[...]
@stop
```

Blade functions

```
@if(count($posts))
@foreach($posts as $post)
<p>{{ $post->title }} </p>
@endforeach
@endif
```



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