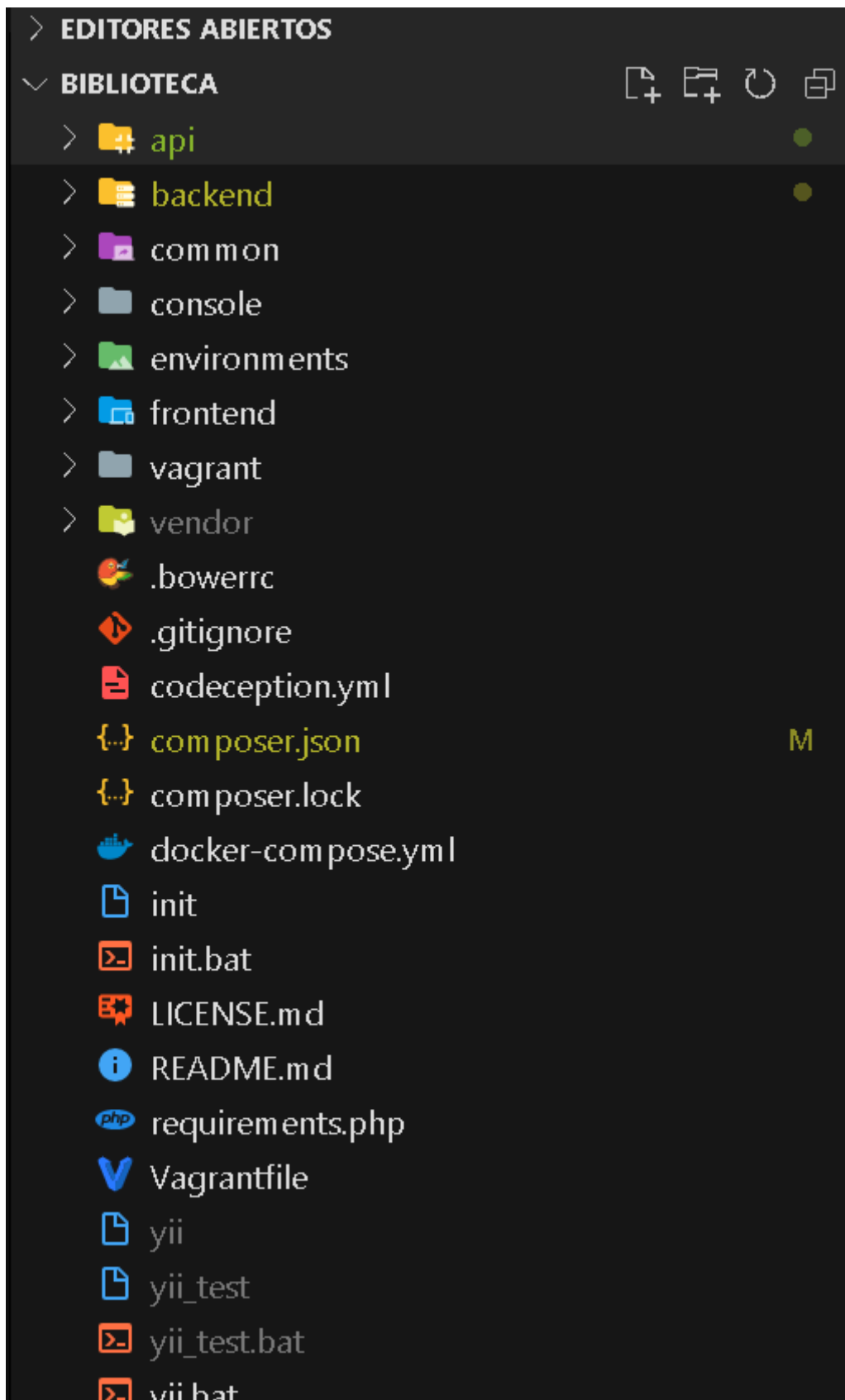
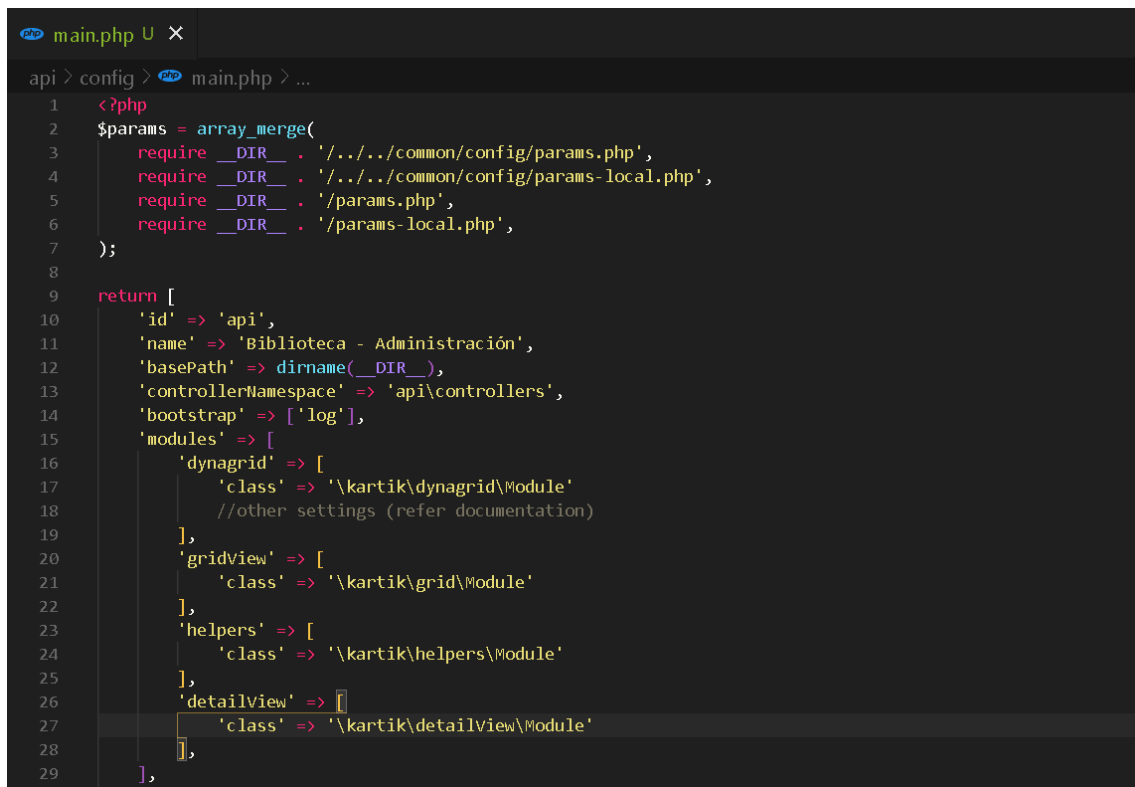
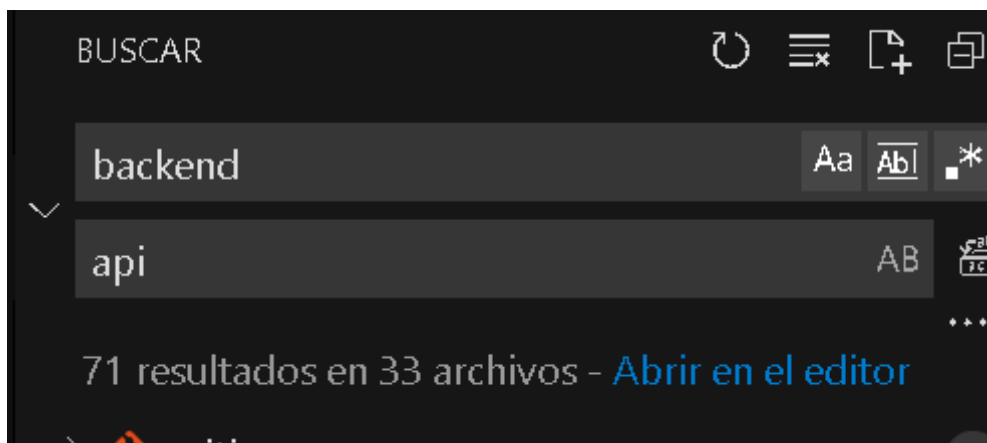


copia



Renombre



Configuracion General



Devolver recursos en formato JSON

```
'components' => [  
    'request' => [  
        'parsers' => [  
            'application/json' => 'yii\web\JsonParser',  
        ],  
    ],  
],
```

Habilitar controllers

```
api > config > main.php > ...  
98     'maxSourceLines' => 20  
99 ],  
100  
101     'urlManager' => [  
102  
103         'enablePrettyUrl' => true,  
104  
105         'enableStrictParsing' => true,  
106  
107         'showScriptName' => false,  
108  
109         'rules' => [  
110  
111             ['class' => 'yii\rest\UrlRule', 'controller' => 'socio'],  
112             ['class' => 'yii\rest\UrlRule', 'controller' => 'libro'],  
113  
114         ],  
115     ],  
116  
117 ],
```

Renombrar

```
],  
'view'=>[  
    'theme'=>[  
        'pathMap'=>[  
            '@api/views'=>'@api/themes/adminlte'  
        ],  
    ],  
],
```

Pruebas con un Http RestClient

GET (Listar los libros)

THUNDER CLIENT

New Request

Activity Collections Env

filter activity

GET localhost/YII2/biblioteca/api/web/libros just now

POST localhost/YII2/biblioteca/api/web/libros 33 mins ago

TC localhost/YII. X

GET http://localhost/YII2/biblioteca/api/web/libros Send

Query Headers² Auth Body Tests

Query Parameters

☐ parameter value

Status: 200 OK Size: 2.4 KB Time: 1.46 s

Response Headers¹⁵ Cookies Test Results {}

```
1 {
2   {
3     "id": 6,
4     "titulo": "Right-sized 5thgeneration capacity",
5     "autor": "Chelsey Sporer DVM",
6     "anio_publicacion": 2001,
7     "disponible": true
8   },
9   {
10    "id": 7,
11    "titulo": "Secured scalable GraphicInterface",
12    "autor": "Dr. Howell Fisher",
13    "anio_publicacion": 1987,
14    "disponible": true
15  },
16  {
17    "id": 8,
18    "titulo": "Versatile grid-enabled strategy",
19    "autor": "Alice Cole",
20    "anio_publicacion": 1988,
21    "disponible": true
22  },
23  {
24    "id": 9,
25    "titulo": "Implemented didactic portal",
26    "autor": "Flavie Mueller",
27    "anio_publicacion": 1972,
28    "disponible": true
29  }
30 }
```

POST (Libro)

THUNDER CLIENT

New Request

Activity Collections Env

filter activity

POST localhost/YII2/biblioteca/api/web/libros just now

GET localhost/YII2/biblioteca/api/web/libros just now

TC localhost/YII. X

POST http://localhost/YII2/biblioteca/api/web/libros Send

Query Headers² Auth Body¹ Tests

Json Xml Text Form Form-encode Graphql Binary

Form Encoded

☒ titulo El Principito

☒ autor Antoine de Saint-Exupéry

☒ anio_publicacion 2008

☒ disponible 1

☐ name value

Status: 201 Created Size: 111 Bytes Time: 705 ms

Response Headers¹¹ Cookies Test Results {}

```
1 {
2   "titulo": "El Principito",
3   "autor": "Antoine de Saint-Exupéry",
4   "disponible": "1",
5   "anio_publicacion": null,
6   "id": 56
7 }
```

GET (Listar Libro con id 17)

THUNDER CLIENT

TC localhost/YII2/biblioteca/api/web/libros/17

GET http://localhost/YII2/biblioteca/api/web/libros/17 Send

Status: 200 OK Size: 125 Bytes Time: 770 ms

Response Headers¹⁰ Cookies Test Results {}

```
1 {
2   "id": 17,
3   "titulo": "Synchronised intangible encryption",
4   "autor": "Lowell Schowalter",
5   "anio_publicacion": 1970,
6   "disponible": true
7 }
```

GET (Listar los socios)

THUNDER CLIENT

TC New Request X SocioController.php U

GET http://localhost/YII2/biblioteca/api/web/socios Send

Status: 200 OK Size: 706 Bytes Time: 589 ms

Response Headers¹⁵ Cookies Test Results {}

```
1 [
2   {
3     "id": 1,
4     "nombre": "Keagan Boehm",
5     "fecha_alta": "2021-08-29 07:10:55"
6   },
7   {
8     "id": 2,
9     "nombre": "Floy Huel",
10    "fecha_alta": "2021-08-29 07:10:55"
11  },
12  {
13    "id": 3,
14    "nombre": "Ariane Koeppe",
15    "fecha_alta": "2021-08-29 07:10:55"
16  },
17  {
18    "id": 4,
19    "nombre": "Ms. Naomie Auer Jr.",
20    "fecha_alta": "2021-08-29 07:10:55"
21  },
22  {
23    "id": 5,
24    "nombre": "Leanna Ruecker",
25    "fecha_alta": "2021-08-29 07:10:55"
26  },
27  {
28    "id": 6,
29    "nombre": "Mrs. Lela Schmitt",
30    "fecha_alta": "2021-08-29 07:10:55"
31  }
32 ]
```

Se agrega una nueva regla para manipular los préstamos

```
'rules' => [

    ['class' => 'yii\rest\UrlRule', 'controller' => 'socio'],

    ['class' => 'yii\rest\UrlRule', 'controller' => 'libro'],

    ['class' => 'yii\rest\UrlRule', 'controller' => 'prestamo'],

],
```

Probando

GET⌵http://localhost/YII2/biblioteca/api/web/prestaSend

QueryHeaders²AuthBodyTests

Query Parameters

☐parametervalue

Status: 200 OKSize: 2 BytesTime: 1.48 s

ResponseHeaders¹⁵CookiesTest Results

1[]

POST⌵http://localhost/YII2/biblioteca/api/web/prestaSend

QueryHeaders²AuthBodyTests

Query Parameters

☐parametervalue

Status: 201 CreatedSize: 40 BytesTime: 736 ms

ResponseHeaders¹¹CookiesTest Results

1{"
2 "libro_id": null,
3 "socio_id": null,
4 "id": 2
5 }

POST (Crear dos prestamos para el socio con id 4)

POST⌵http://localhost/YII2/biblioteca/api/web/prestaSend

QueryHeaders²AuthBody¹Tests

JsonXmlTextFormForm-encodeGraphqlBinary

Form Encoded

☒libro_id5

☒socio_id4

☐namevalue

Status: 201 CreatedSize: 38 BytesTime: 518 ms

ResponseHeaders¹¹CookiesTest Results

1{"
2 "libro_id": "5",
3 "socio_id": "4",
4 "id": 5
5 }

POST http://localhost/YII2/biblioteca/api/web/prestar Send

Status: 201 Created Size: 38 Bytes Time: 728 ms

Query Headers² Auth Body¹ Tests

Response Headers¹¹ Cookies Test Results {}

Form Encoded

<input checked="" type="checkbox"/>	libro_id	6
<input checked="" type="checkbox"/>	socio_id	4
<input type="checkbox"/>	name	value

```
1 {
2   "libro_id": "6",
3   "socio_id": "4",
4   "id": 6
5 }
```

GET (Listar prestamos del socio con id 4)

Para poder obtener los prestamos de los socios es necesario agregar en el modelo lo siguiente

```
api > models > Socio.php > Socio > tableName
24
25
26
27 public function extraFields()
28 {
29     return[
30         'prestamos'
31     ];
32 }
33
34
```

```
api > models > Socio.php > Socio > rules
63
64
65 public function getPrestamos()
66 {
67     return $this->hasMany(Prestamo::className(), ['socio_id' => 'id']);
68 }
69
70
```

El expand son los querys params, se coloca automaticamente si ponemos por ej:

http://localhost/YII2/biblioteca/api/web/socios/4?expand=prestamos

GET

⌵

http://localhost:YII2/biblioteca/api/web/socios

Send

Query

Headers²

Auth

Body

Tests

Query Parameters

☒ expand

prestamos

☐ parameter

value

Status: 200 OK

Size: 278 Bytes

Time: 660 ms

Response

Headers¹⁰

Cookies

Test Results

{}

```
1 {
2   "id": 4,
3   "nombre": "Ms. Naomie Auer Jr.",
4   "fecha_alta": "2021-08-29 07:10:55",
5   "prestamos": [
6     {
7       "id": 5,
8       "libro_id": 5,
9       "socio_id": 4,
10      "fecha_prestamo": "2021-08-29 07:10:56",
11      "fecha_entrega": null
12    },
13    {
14      "id": 6,
15      "libro_id": 6,
16      "socio_id": 4,
17      "fecha_prestamo": "2021-08-29 07:10:56",
18      "fecha_entrega": null
19    }
20  ]
21 }
```