

AMPLIANDO LA DOCUMENTACIÓN DE APIS CON DRF-SWAGGER-CUSTOMIZATION

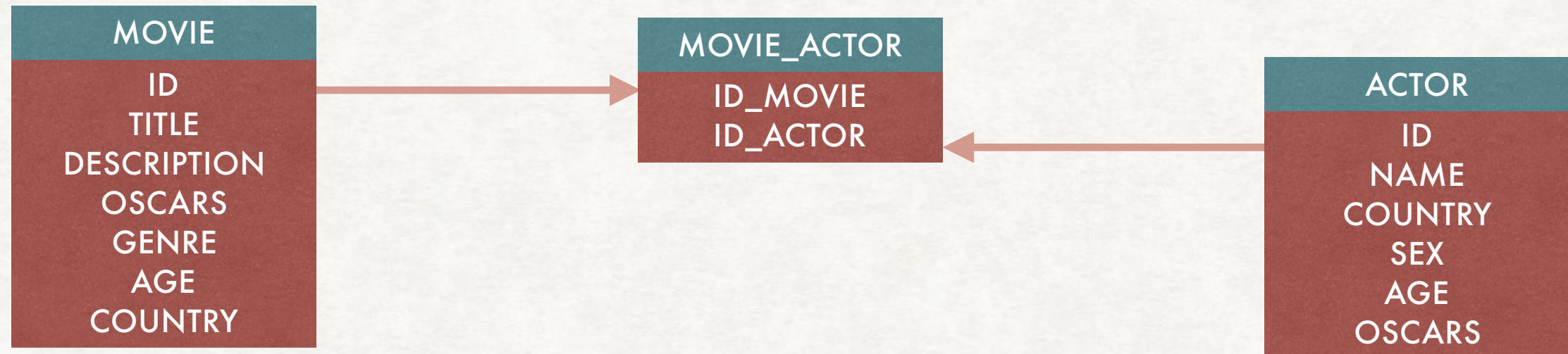
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Ingeniero Informático

Analista Programador
Ayesa AT

DRF-SWAGGER-CUSTOMIZATION



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1. Definición de objetos y array de elementos
2. Ampliar información de campos y endpoints
3. Añadir Parámetros de filtrado a endpoints
4. Integración de documentación externa

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1. Definición de objetos y array de elementos

```
{  
  "title": "string",  
  "description": "string",  
  "genre": "string",  
  "year": 0,  
  "oscars": 0,  
  "cast": [  
    "string"  
  ]  
}
```

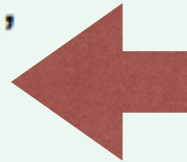


```
"cast": {  
  "description": "",  
  "type": "array",  
  "items": {  
    "type": "string"  
  }  
}
```


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2. Ampliar información de campos y endpoints

```
inline_model_2 {  
  title (string): ,  
  description (string): ,  
  genre (string): ,  
  year (integer): ,  
  oscars (integer): ,  
  cast (Array[Inline Model 1]):  
}  
  
Inline Model 1 {  
  id (integer, optional): ,  
  name (string, optional): ,  
  oscars (integer, optional):  
}
```



```
"genre": {  
  "description": "",  
  "type": "string"  
}
```



H



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Choices

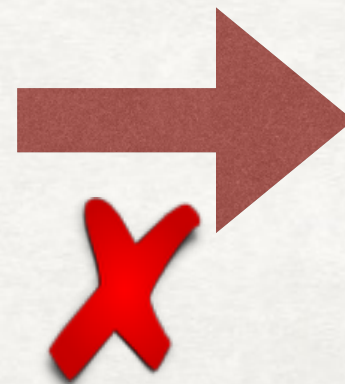
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3. Añadir Parámetros de filtrado a endpoints



```
"/movies/": {
  "get": {
    "operationId": "list",
    "responses": {
      "200": {
        "description": ""
      }
    },
    "parameters": [],
    "description": "A simple ViewSet for viewing and editing accounts.",
    "summary": "A simple ViewSet for viewing and editing accounts.",
    "tags": [
      "movies"
    ]
  },
  ...
}
```

GET /movies/?year=1978

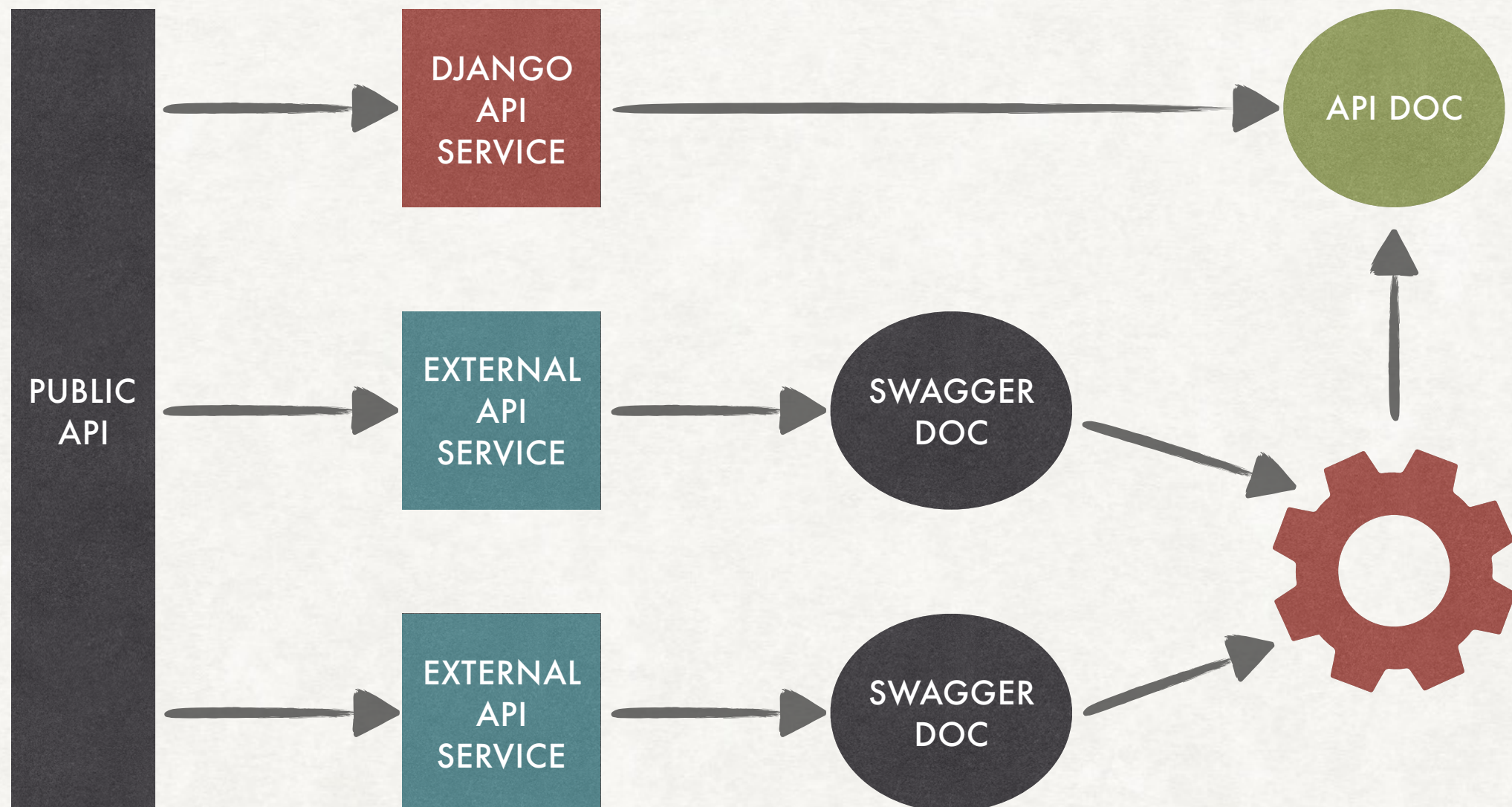


```
HTTP 200 OK
Allow: GET, POST, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

[
  {
    "id": 1,
    "title": "Grease",
    "description": "A nice musical",
    "genre": "Musical",
    "year": 1978,
    "oscars": 5,
    "cast": [
      {
        "id": 1,
        "name": "John Travolta",
        "genre": "H",
        "age": 60,
        "oscars": 2
      }
    ]
  }
]
```


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4. Integración de documentación externa



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CREATE

UPDATE

DELETE

RENAME

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CREATE

```
{
  "action": "create",
  "operation": {
    "paths|<endpoint>|<method>|parameters": [
      {
        "name": "Field1",
        "in": "query",
        "required": true,
        "type": "string"
      }
    ]
  }
}
```


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UPDATE

```
{
  "action": "update",
  "operation": {
    "paths|<endpoint>|<method>|parameters|name=Field1": [
      {
        "name": "Field1",
        "in": "query",
        "type": "string"
      }
    ]
  }
}
```

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DELETE

```
{  
  "action": "delete",  
  "operation": "paths |<endpoint> |<method> |parameters |name=<FieldName>"  
}
```


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RENAME

```
{  
  "action": "rename",  
  "operation": {  
    "paths |<endpoint> |<method> |parameters |schema |properties |<Field>": "NewFieldKey"  
  }  
}
```

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1. Definición de objetos y array de elementos

```
{
  "action": "update",
  "operation": {
    "paths|/movies/|post|parameters|name=data|schema|properties|cast|items": {
      "type": "object",
      "properties": {
        "id": {
          "description": "",
          "type": "integer"
        },
        "name": {
          "description": "",
          "type": "string"
        },
        "oscars": {
          "description": "",
          "type": "integer"
        }
      }
    }
  }
}
```

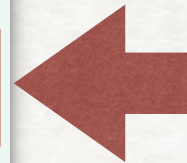
```
{
  "title": "string",
  "description": "string",
  "genre": "H",
  "year": 0,
  "oscars": 0,
  "cast": [
    {
      "id": 0,
      "name": "string",
      "oscars": 0
    }
  ]
}
```

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2. Ampliar información de campos y endpoints

```
{  
  "action": "update",  
  "operation": {  
    "paths|/movies/|post|parameters|name=data|schema|properties|genre": {  
      "description": "Género del actor/actriz.",  
      "type": "string",  
      "enum": ["H", "M"]  
    }  
  }  
}
```

```
inline_model_2 {  
  title (string): ,  
  description (string): ,  
  genre (string): Género del actor/actriz. =  
    ['H', 'M'],  
  year (integer): ,  
  oscars (integer): ,  
  cast (Array[Inline Model 1]):  
}  
  
Inline Model 1 {  
  id (integer, optional): ,  
  name (string, optional): ,  
  oscars (integer, optional):  
}
```



H

M

Choices

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3. Añadir Parámetros de filtrado a endpoints

```
{
  "action": "create",
  "operation": {
    "paths|/movies/|get|parameters": [
      {
        "name": "year",
        "in": "query",
        "type": "integer",
        "description": "Filter by year"
      }
    ]
  }
}
```

GET /movies/?year=1978



HTTP 200 OK
Allow: GET, POST, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

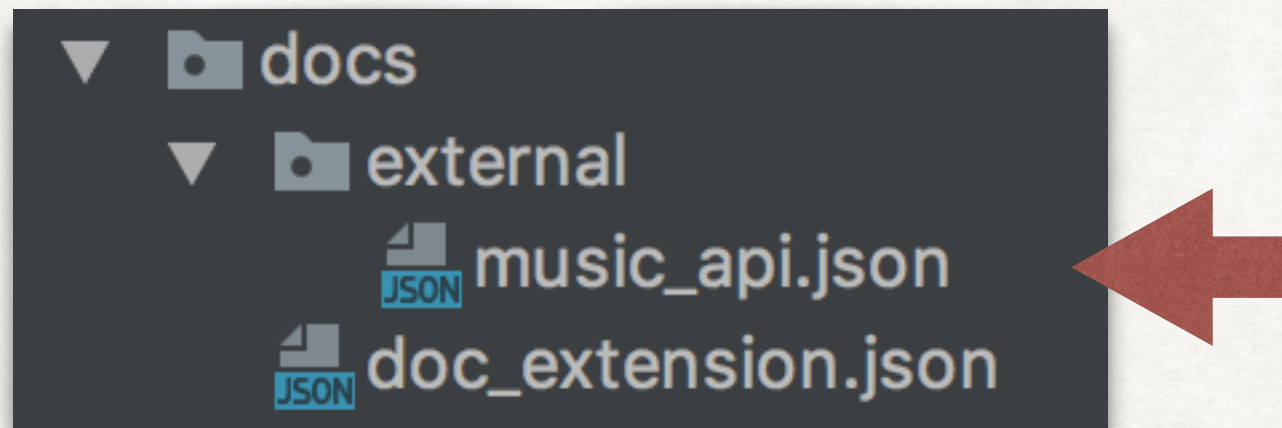
```
[
  {
    "id": 1,
    "title": "Grease",
    "description": "A nice musical",
    "genre": "Musical",
    "year": 1978,
    "oscar": 5,
    "cast": [
      {
        "id": 1,
        "name": "John Travolta",
        "genre": "H",
        "age": 60,
        "oscar": 2
      }
    ]
  }
]
```

Parameters

Parameter	Value	Description	Parameter Type	Data Type
year	<input type="text"/>	Filter by year	query	integer

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4. Integración de documentación externa



actors	Show/Hide	List Operations	Expand Operations
movies	Show/Hide	List Operations	Expand Operations
singers	Show/Hide	List Operations	Expand Operations
songs	Show/Hide	List Operations	Expand Operations

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EJEMPLO PRÁCTICO

[1] ENLACE A DRF-SWAGGER-CUSTOMIZATION ([LINK](#))

[2] ENLACE AL EJEMPLO ([LINK](#))

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PREGUNTAS Y SUGERENCIAS

