

Django + AngularJS

slides.com/
pawelchojnacki/
django-angularjs



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1. Dobór technologii

AngularJS

ngCookie

Django



Django Rest
Framework

FactoryBoy

django

REST

framework

swagger   [Explore](#)

/countries

Show/Hide | List Operations | Expand Operations | Raw

GET	/api/countries/	Gets a list of countries
POST	/api/countries/	Gets a list of countries
GET	/api/countries/{pk}/	Detailed view of the country
PUT	/api/countries/{pk}/	Detailed view of the country
DELETE	/api/countries/{pk}/	Detailed view of the country
PATCH	/api/countries/{pk}/	Detailed view of the country

/manufacturers

Show/Hide | List Operations | Expand Operations | Raw

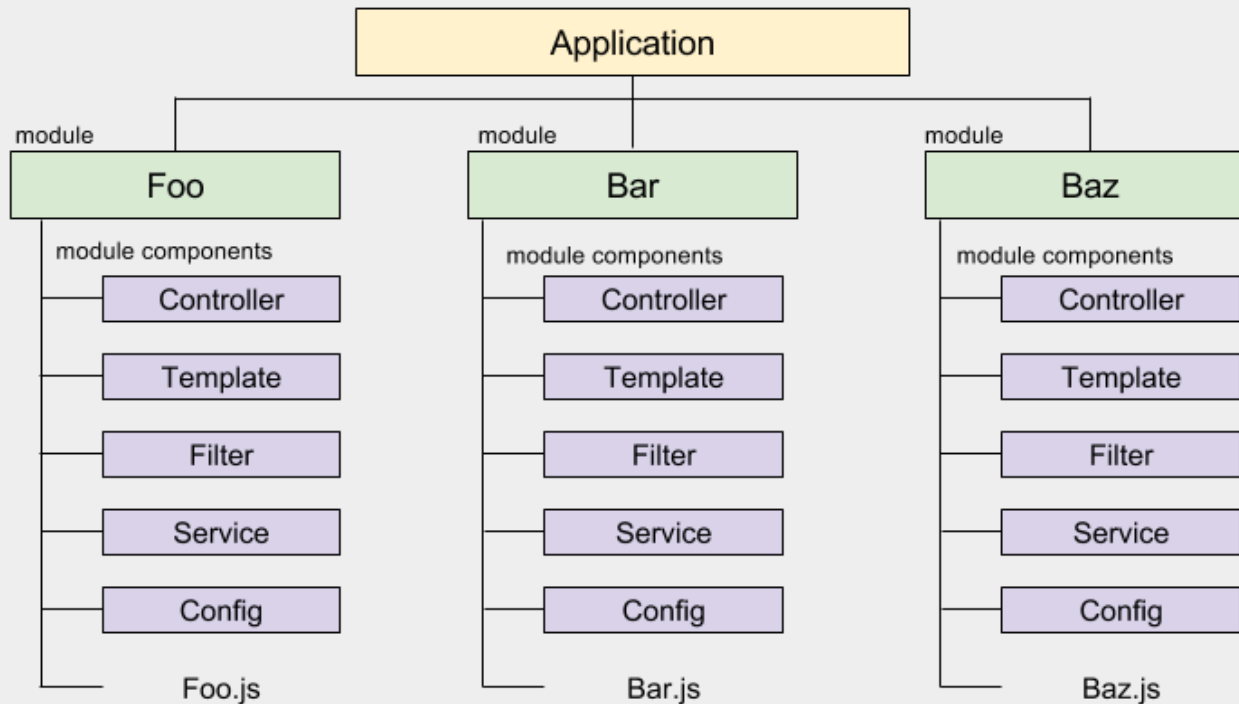
/cigars

Show/Hide | List Operations | Expand Operations | Raw

/custom

Show/Hide | List Operations | Expand Operations | Raw

ANGULARJS



```
var saveItem = function saveItem (primaryKey, itemName) {  
  // saves already drafted and tag-filled item  
  var deferred = $q.defer();  
  $http.put(Env.domainName + '/item/' + primaryKey + '/',  
    pk: primaryKey,  
    name: itemName,  
    is_draft: false  
  })  
  .success(function (data) {  
    deferred.resolve(data);  
    return data;  
  })  
  .error(function (data) {  
    console.error('ItemFactory saveItem error', data);  
    deferred.reject(true);  
  })  
  return deferred.promise;  
}
```

2. Struktura Angulara

kontrolery

serwisy

fabryki



API

0. Komunikacja

UX

frontend

backend

widoki
wizja klienta

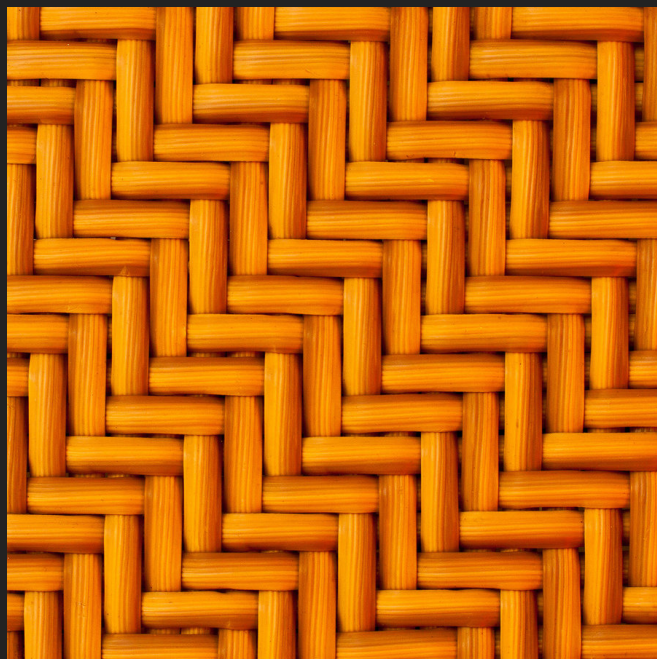
kształt zapytań
liczba zapytań
działania w
przeglądarce

schemat bazy
rest framework
load balancing
zabezpieczenia

Dokumentacja



Spójność



Elastyczność



Bezpieczeństwo



Prostota użycia



Pokrycie testami



Dokumentacja
Spójność
Elastyczność
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Prostota użycia
Pokrycie Testami

3. CSRF Token

```
angular.module( '[your module name]',  
    ... [some dependencies] ...  
    'ngCookies',  
    ... [other dependencies] ...  
)  
  
(...)  
  
.run( function run( titleService, $http, $cookies ){  
    // For CSRF token compatibility with Django  
    $http.defaults.headers.post['X-CSRFToken'] = $cookies['csrf-  
})
```

3. Further reading

How to design a good API
and why it matters

5 Golden rules for great API
design