com.example.consumer

RestConsumerApplication

+ RestConsumerApplication()

+ main(String[]):void

Company (Document in MongoDB)

- id: String
- name: String
- ticker: String
- sector: String

+ Company()
+ Company(String,String,String,String, List<Stock>)
+ getId():String
+ setId(String):void
+ getName():String
+ setName(String):void
+ getTicker():string
+ setTicker(String):void
+ getSector():String
+ setSector(String):void
+ getStocks():List<Stock>
+ setStocks(List<Stock>):void

CompanyController

+ CompanyController()

+ getRestTemplate():RestTemplate
+ getTickerList():Set<String>
+ populateDb():String
+ getCompany(String):Company

<<Interface>> CompanyRepository (Extends MongoRepository)

+ findByTicker(String):Company

Stock (Object of Company in MongoDB)

- date: String
- close: float
- volume: float

+ Stock()
+ Stock(String,String,float,float)
+ getDate():String
+ setDate(String):void
+ getClose():float
+ setClose(float):void
+ getVolume():float
+ setVolume(float):void

CompanySevice

- token:String
- url1:String
- url2:String
- restTemplate:RestTemplate
- mongoTemplate: MongoTemplate

+ CompanyService()

+ getByTicker(String):Company

+ addStocksByTicker(String):String

+ getAllTickers():Set<String>

+ seedDb():String

-stocks
0..*

-companyService
0..1

-companyRepository
0..1