

FOOTMATCH

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Fundamentos de Ingeniería del Software para Sistemas Cloud

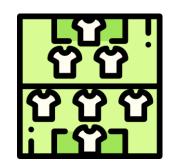


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- Descomposición en microservicios
- Diseño de cada microservicio
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Descripción de la aplicación











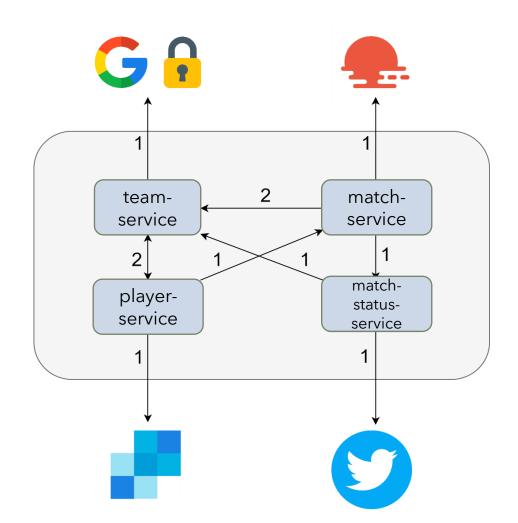
django





Descomposición en microservicios

footmatch -service

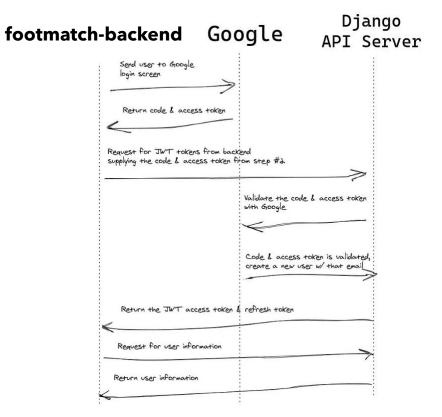




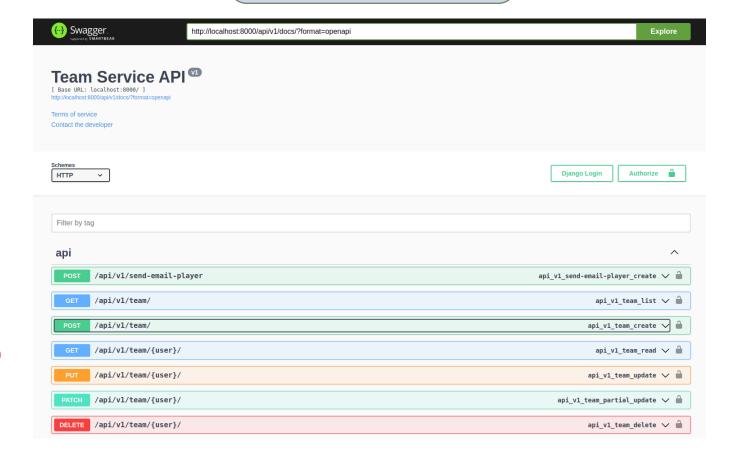




- Auth
- CRUD
- Feature toggles









player-service

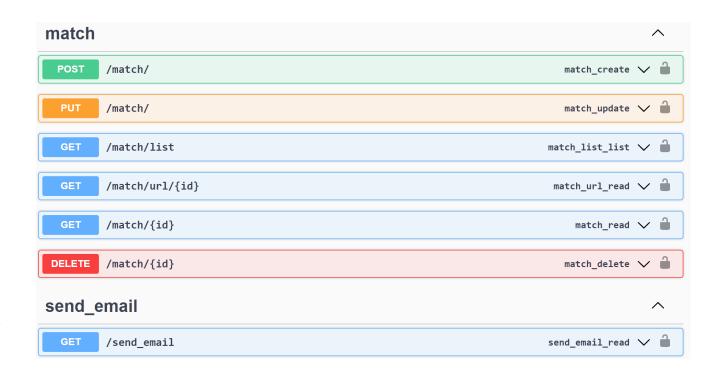
match-service

django

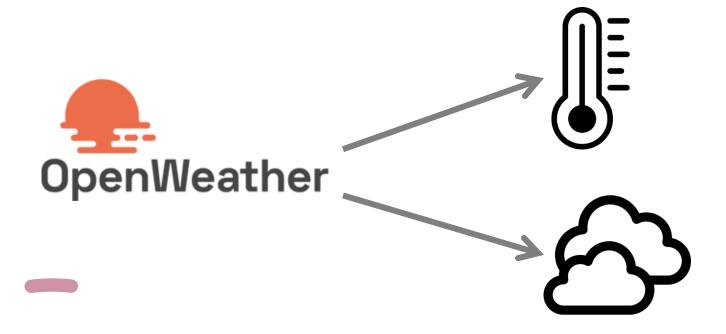
mongo DB_®

- Caché local frontend
- CRUD
- Envío automatizado
- OpenWeather

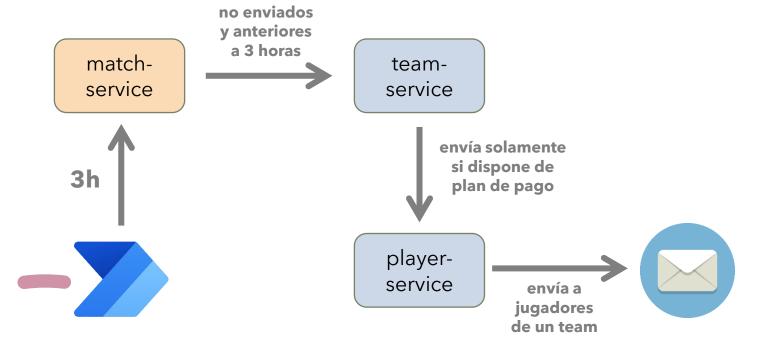
match-service



match-service



match-service

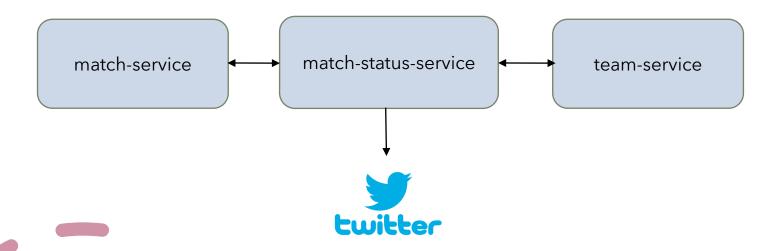








- TweepyPosting tweets
- CRUD
- Feature toggles
- Auth





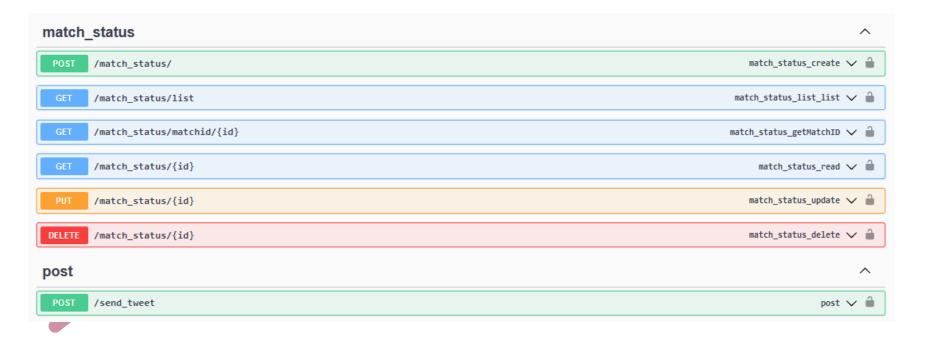


```
class MatchStatus(models.Model):
   # CREAMOS LAS OPCIONES DEL STATUSTYPE
   START = 'STA'
   BREAK = 'BRE'
                                                        class Tweet(models.Model):
   RESUMPTION = 'RES'
                                                            id = models.CharField(primary key=True, max length=24, default=get random string(length=24))
   GOAL = 'GOA'
                                                             minuto = models.IntegerField()
   END = 'END'
                                                            local = models.CharField(max_length=255)
   OTHER = 'OTH'
                                                            visitante = models.CharField(max length=255)
                                                             marcador = models.CharField(max length=255)
   STATUS OPTIONS = (
                                                            info = models.CharField(max length=1500)
       (START, 'Start'),
       (BREAK, 'Break'),
       (RESUMPTION, 'Resumption'),
       (GOAL, 'Goal'),
       (END, 'End'),
       (OTHER, 'Other'),
   id = models.CharField(primary key=True, max length=24, default=get random string(length=24))
   status type = models.CharField(
       max length=3,
       choices=STATUS_OPTIONS,
   matchId = models.CharField(max length=24)
   user id = models.IntegerField()
   info = models.CharField(max length=255)
   date = models.DateTimeField()
   scoreboard = models.CharField(max length=255)
   uidPlayer = models.CharField(max length=255)
```

```
class SendTweet(viewsets.ModelViewSet):
    serializer_class = TweetSerializer

# post tweet
def post(self, request):
    #Extraemos los valores del request
    tweet = request.data

try:
    send_tweet(tweet['minuto'], tweet['local'], tweet['visitante'], tweet['marcador'], tweet['info'])
    return Response(data=None, status=status.HTTP_201_CREATED)
    except:
    return Response(data=None, status=status.HTTP_400_BAD_REQUEST)
```

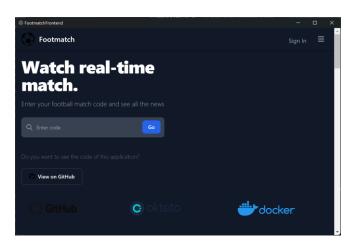


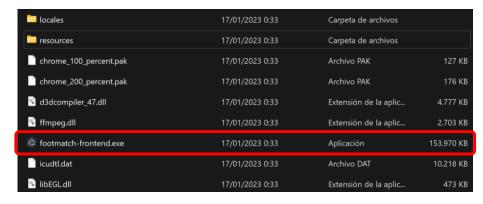
Aspectos relevantes



Aspectos relevantes







npm run electron

npm run electron-compile-win

Demo

Customer agreements

Free

Best option for personal use & for your next project.

Free

- Football players: 16
- Matches per month: 2
- Requests per seconds: 5
- Match status
- × Notifications
- × Weather prediction

Start

Premium

Relevant for small teams. The best option if you are starting.

\$5 /month

- Football players: 25
- Matches per month: 4
- Requests per seconds: 10
- Match status
- Notifications
- Weather prediction

Buy now

Enterprise

Best option for big teams that want to scale. The best service available.

\$25 /month

- ✓ Football players: 50
- ✓ Matches per month: 10
- Requests per seconds: 50
- Match status
- Notifications
- Weather prediction

Buy now

Customer agreements

Plan	Req/max	Precio	N° usuarios
Free	5	0	150
Premium	10	5	60
Enterpris e	50	25	20

Balance	355,05€
Ingresos	800€
Gastos	444€

API	Peticio nes MS	Plan / €	Peticione s API / s	Riesgo	Peticio nes / s
SSO	19	Free	10.000	85%	6697
OW	2	Pro / 410€	761	85%	705
TW	1	Free	1.000.00 0	0%	2350
SG	1	Essen./ 34€	896	65%	822

Conclusión



Preguntas