

Autopricing

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¿Dónde estamos?

Aplicación servidor en Django:

- Gestión (admin):
 - Clientes
 - Pistas
 - Vehículos
 - Facturas
 - Móviles
 - Pruebas
- Api de los modelos (todos los que gestiona) en Json.
- Vista de datos en la aplicación servidor.

Esqueleto de la aplicación Android

- Entorno de desarrollo.
- Proyecto.
- Estructura de clases para la comunicación con la aplicación servidor.

Json & Android: Comunicación básica

- Consumo de los web-services del servidor:
 - Clase que permite el paso de mensajes entre el servidor y el dispositivo móvil.
 - Problemas en el servidor de desarrollo.

Android & Sqlite: Servicio básico

- Gestión básica de la base de datos.
 - Clase auxiliar que gestiona la creación y destrucción de cada tabla.

Django & Json: Bugs

```
{
  "tracks": [
    {
      "pk": 1,
      "model": "testing.track",
      "fields": {
        "price": 5.0,
        "name": "Pista 1",
        "area": "POLYGON ((-0.6268000000000000 39.4869025
-0.6276370000000000 39.4896519999999995, -0.6272080000000000
      )
    },
    {
      "pk": 2,
      "model": "testing.track",
      "fields": {
        "price": 10.0,
        "name": "Pista 2",
        "area": "POLYGON ((-0.6262310000000000 39.4867950
-0.6259310000000000 39.48628999999999968, -0.6261460000000000
-0.6322719999999999 39.48244799999999980, -0.6338170000000000
-0.6266180000000000 39.48610800000000015, -0.6262210000000000
      )
    },
    {
      "pk": 3,
      "model": "testing.track",
      "fields": {
        "price": 15.0,
        "name": "Pista 3",
        "area": "POLYGON ((-0.6325940000000000 39.4854290
-0.6288600000000000 39.48524700000000011, -0.6291820000000000
-0.6297180000000000 39.48693600000000000, -0.6299110000000000
-0.6314560000000000 39.48685300000000035, -0.6318430000000000
      )
    },
    {
      "pk": 4,
      "model": "testing.track",
      "fields": {
        "price": 20.0,
        "name": "Pista 4",
        "area": "POLYGON ((-0.6278090000000000 39.4865050
-0.6291170000000000 39.4860579999999999, -0.6293110000000000
-0.6325720000000000 39.48682000000000016, -0.6334950000000000
-0.6292030000000000 39.48872399999999977, -0.6289460000000000
-0.6286670000000000 39.48617399999999983, -0.6284090000000000
      )
    }
  ]
}
```

```
[
  {
    "pk": 1,
    "model": "testing.track",
    "fields": {
      "price": 5.0,
      "name": "Pista 1",
      "area": "POLYGON (((-0.6268000000000000 39.4869029999999981, -0.6273580000000000 39.486769999999999, -0.6276370000000000 39.4896519999999995, -0.6272080000000000 39.4894370000000023, -0.6260060000000000 39.486769999999999, -0.6268000000000000 39.4869029999999981)))"
    }
  },
  {
    "pk": 2,
    "model": "testing.track",
    "fields": {
      "price": 10.0,
      "name": "Pista 2",
      "area": "POLYGON (((-0.6262310000000000 39.4867950000000008, -0.6260280000000000 39.486860999999999, -0.6259310000000000 39.4862899999999968, -0.6261460000000000 39.4859840000000020, -0.6267250000000000 39.4862899999999968, -0.6259310000000000 39.4862899999999968, -0.6261460000000000 39.4859840000000020, -0.6267250000000000 39.4862899999999968, -0.6259310000000000 39.4862899999999968)))"
    }
  },
  {
    "pk": 3,
    "model": "testing.track",
    "fields": {
      "price": 15.0,
      "name": "Pista 3",
      "area": "POLYGON (((-0.6325940000000000 39.4854290000000034, -0.6328940000000000 39.483871999999999, -0.6288600000000000 39.4852470000000011, -0.6291820000000000 39.4856610000000003, -0.6295470000000000 39.4862899999999968, -0.6291820000000000 39.4856610000000003, -0.6288600000000000 39.4852470000000011, -0.6325940000000000 39.4854290000000034, -0.6328940000000000 39.483871999999999, -0.6288600000000000 39.4852470000000011)))"
    }
  },
  {
    "pk": 4,
    "model": "testing.track",
    "fields": {
      "price": 20.0,
      "name": "Pista 4",
      "area": "POLYGON (((-0.6278090000000000 39.4865050000000011, -0.6275940000000000 39.486224000000000, -0.6291170000000000 39.4860579999999999, -0.6293110000000000 39.4863890000000026, -0.6292890000000000 39.4865050000000011, -0.6291170000000000 39.4860579999999999, -0.6293110000000000 39.4863890000000026, -0.6292890000000000 39.4865050000000011, -0.6275940000000000 39.486224000000000, -0.6278090000000000 39.4865050000000011)))"
    }
  }
]
```

Siguientes pasos:

- Continuar con la **aplicación Android**:
 - Poblar la base de datos con los datos recibidos del servidor.
 - Generación de datos GPS
- **Documentar.**