

# Test unitarios de servicio SOAP

The screenshot displays an IDE window titled "bankaya - Spring Tool Suite 4". The interface is divided into several panes:

- Package Explorer:** Shows the project structure with a folder named "PockemonWebServiceTests". Below it, a list of test methods is shown with their execution times:
  - testSendAndReceive\_Pockemon() (1.858 s)
  - testSendAndReceive\_Id() (0.771 s)
  - testSendAndReceive\_LocalAreaEncounters() (0.669 s)
  - testSendAndReceive\_BaseExperience() (0.339 s)
  - testSendAndReceive\_Habilidades() (0.715 s)
  - testSendAndReceive\_Name() (0.361 s)
  - testSendAndReceive\_HeldItems() (0.369 s)
- JUnit Runner:** Shows the test results for "PockemonWebServiceTests" with a runner of "JUnit 5" and a total time of "5.091 s". It indicates "Runs: 7/7", "Errors: 0", and "Failures: 0".
- Code Editor:** Displays the source code for "PockemonWebServiceTests.java". The code includes a package declaration, imports, and a test method: 

```
20 * Copyright 2014-2015 the original author or authors.
16
17 package com.elhg.pockemon;
18
19 import static org.junit.jupiter.api.Assertions.assertNotNull;
20
21 @SpringBootTest(webEnvironment = WebEnvironment.RANDOM_PORT)
22 public class PockemonWebServiceTests {
23
24     @LocalServerPort
25     private int port = 0;
26
27     private static final String LOCALHOST = "http://localhost:8080";
28
29     @Test
30     public void testSendAndReceive_Pockemon() throws Exception {
31         Jaxb2Marshaller marshaller = new Jaxb2Marshaller();
32     }
33 }
```
- Console:** Shows the output of the test execution. It includes logs for the application startup, database connection, and test results. Key messages include:
  - "<terminated> pockemon-soap-webservice [JUnit] C:\Workspace\Instaladores\sts-4.12.0.RELEASE\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64\_16.0.2.v20210721-1149\jre\bin\java"
  - "c.e.p.PockemonWebServiceApplication : id : 132"
  - "c.e.p.PockemonWebServiceApplication : name : ditto"
  - "c.e.p.PockemonWebServiceApplication : location\_area\_encounters : https://pokeapi.c"
  - "c.e.p.PockemonWebServiceApplication : base\_experience : 101"
  - "o.s.ws.soap.saaj.SaajSoapMessageFactory : Creating SAAJ 1.3 MessageFactory with SOAP 1"
  - "c.e.p.PockemonWebServiceApplication : Total HeldItem : 2"
  - "j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persist"
  - ".SchemaDropperImpl\$DelayedDropActionImpl : HHH000477: Starting delayed evictData of sch"
  - "o.h.engine.jdbc.spi.SqlExceptionHelper : SQL Error: 90121, SQLState: 90121"
  - "o.h.engine.jdbc.spi.SqlExceptionHelper : La base de datos ya esta cerrada (para des-h"
  - "Database is already closed (to disable automatic closing at VM shutdown, add ";DB\_CLOSE\_ON\_EXIT=FALSE" to the db URL) [90121-200]"
  - "o.h.engine.jdbc.spi.SqlExceptionHelper : SQL Error: 90121, SQLState: 90121"
  - "o.h.engine.jdbc.spi.SqlExceptionHelper : La base de datos ya esta cerrada (para des-h"
  - "Database is already closed (to disable automatic closing at VM shutdown, add ";DB\_CLOSE\_ON\_EXIT=FALSE" to the db URL) [90121-200]"
  - "o.s.b.f.support.DisposableBeanAdapter : Invocation of destroy method failed on bean"
  - "com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown initiated..."
  - "com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown completed."
- Boot Dashboard:** Shows the status of the application, including a search bar and a list of running applications.

# H2-Base de datos con metodos llamados

Inbox (60) - gresshel@gmail.com x H2 Console x +

localhost:8080/h2-console/login.do?jsessionId=6b194bc5fb7be2e588162def3162f928

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Auto commit Auto complete Off Auto select On

jdbc:h2:mem:testdb

- PETICIONES
- INFORMATION\_SCHEMA
- Sequences
- Users
- H2 1.4.200 (2019-10-14)

Run Run Selected Auto complete Clear SQL statement:

SELECT \* FROM PETICIONES

SELECT \* FROM PETICIONES;

ID	FECHA	IP	METODO
1	2022-03-20 14:02:52.978	127.0.0.1	getPokemon
2	2022-03-20 14:04:19.357	127.0.0.1	getNamePokemon
3	2022-03-20 14:05:29.894	127.0.0.1	getLocalAreaEncountersPokemon
4	2022-03-20 14:07:13.149	127.0.0.1	getIdPokemon
5	2022-03-20 14:08:17.372	127.0.0.1	getHeldItemPokemon
6	2022-03-20 14:09:41.234	127.0.0.1	getHabilidadesPokemon
7	2022-03-20 14:13:47.419	127.0.0.1	getBaseExperiencePokemon

(7 rows, 8 ms)

Edit

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24°C 02:19 p. m. 20/03/2022

# TEST CON SOAPUI (method getPokemon)

SoapUI 5.7.0

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**Navigator**

- Projects
  - pokemon
    - pokemon
      - PockemonesPortSoap11
        - getBaseExperiencePokemon
        - getHabilidadesPokemon
        - getHeldItemsPokemon
        - getIdPokemon
        - getLocalAreaEncountersPockem
        - getNamePokemon
        - getPokemon
          - Request 1

**Request 1**

http://localhost:8080/ws

**Raw XML**

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <from:getPokemonRequest>
      <from:name>pikachu</from:name>
    </from:getPokemonRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

**Raw XML**

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:getPokemonResponse xmlns:ns2="http://pokemon/soap-webservice/from-api-re">
      <ns2:pokemon>
        <ns2:id>25</ns2:id>
        <ns2:name>pikachu</ns2:name>
        <ns2:base_experience>112</ns2:base_experience>
        <ns2:location_area_encounters>https://pokeapi.co/api/v2/pokemon/25/encoun
      </ns2:pokemon>
    </ns2:getPokemonResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

... Hea... Attach... ... W... JMS ... JMS Pr...

response time: 1729ms (486 bytes)

Headers (8) Attachments (0) SSL Info WSS (0) JMS (0)

1:1

**Request Properties**

Property	Value
Name	Request 1
Description	
Message Size	325

Properties

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02:03 p. m. 20/03/2022

# TEST CON SOAPUI (method getNamePockemon)

SoapUI 5.7.0

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**Navigator**

- Projects
  - pockemon
  - pockemon
  - pockemon
    - PockemonesPortSoap11
      - getBaseExperiencePockemon
      - getHabilidadesPockemon
      - getHeldItemsPockemon
      - getIdPockemon
      - getLocalAreaEncountersPockem
      - getNamePockemon
      - Request 1
      - getPockemon

**Request 1**

http://localhost:8080/ws

**Raw XML**

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <from:getNamePockemonRequest>
      <from:name>ditto</from:name>
    </from:getNamePockemonRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

**Raw XML**

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:getNamePockemonResponse xmlns:ns2="http://pockemon/soap-webservice/from-ap">
      <ns2:name>ditto</ns2:name>
    </ns2:getNamePockemonResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

response time: 315ms (290 bytes)

Headers (8) Attachments (0) SSL Info WSS (0) JMS (0)

1:1

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**Request Properties**

Property	Value
Name	Request 1
Description	
Message Size	331

Properties

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24°C 02:04 p. m. 20/03/2022

# TEST CON SOAPUI (method getLocalAreaEncountersPockemon)

SoapUI 5.7.0

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**Navigator**

- Projects
  - pokemon
  - pokemon
  - pokemon
    - PockemonesPortSoap11
      - getBaseExperiencePockemon
      - getHabilidadesPockemon
      - getHeldItemsPockemon
      - getIdPockemon
      - getLocalAreaEncountersPockem
      - Request 1
      - getNamePockemon
      - getPockemon

**Request Properties**

Property	Value
Name	Request 1
Description	
Message Size	361

**Request 1**

http://localhost:8080/ws

**Raw**

```
<?xml version='1.0' encoding='UTF-8'>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <from:getLocalAreaEncountersPockemonResponse xmlns:from="http://pockemon/soap-webservices" from:name="ditto"/>
  </soapenv:Body>
</soapenv:Envelope>
```

**Raw**

```
<?xml version='1.0' encoding='UTF-8'>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:getLocalAreaEncountersPockemonResponse xmlns:ns2="http://pockemon/soap-webservices">
      <ns2:location_area_encounters>https://pokeapi.co/api/v2/pokemon/132/encounters</ns2:location_area_encounters>
    </ns2:getLocalAreaEncountersPockemonResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

response time: 302ms (403 bytes)

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02:05 p. m. 20/03/2022

# TEST CON SOAPUI (method getIdPokemon)

SoapUI 5.7.0

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**Navigator**

- Projects
  - pokemon
    - pokemon
      - PockemonesPortSoap11
        - getIdBaseExperiencePokemon
        - getIdHabilidadesPokemon
        - getIdHeldItemsPokemon
        - getIdPokemon
          - Request 1
        - getIdLocalAreaEncountersPokemon
        - getIdNamePokemon
        - getIdPokemon

**Request Properties**

Property	Value
Name	Request 1
Description	
Message Size	329

**Request 1**

http://localhost:8080/ws

**Raw XML**

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <from:getIdPokemonRequest>
      <from:name>pikachu</from:name>
    </from:getIdPokemonRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

**Raw XML**

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:getIdPokemonResponse xmlns:ns2="http://pokemon/soap-webservice/from-api-rest">
      <ns2:id>25</ns2:id>
    </ns2:getIdPokemonResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

response time: 547ms (279 bytes)

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02:07 p. m. 20/03/2022

# TEST CON SOAPUI (method getHeldItemsPockemon)

SoapUI 5.7.0

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**Navigator**

- Projects
  - pockemon
  - pockemon
  - pockemon
    - PockemonesPortSoap11
      - getBaseExperiencePockemon
      - getHabilidadesPockemon
      - getHeldItemsPockemon
        - Request 1**
      - getIdPockemon
      - getLocalAreaEncountersPockem
      - getNamePockemon
      - getPockemon

**Request Properties**

Property	Value
Name	Request 1
Description	
Message Size	341

**Request 1**

http://localhost:8080/ws

**Raw XML**

```
<?xml version='1.0' encoding='UTF-8'>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <from:getHeldItemsPockemonRequest>
      <from:name>ditto</from:name>
    </from:getHeldItemsPockemonRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

**Raw XML**

```
<?xml version='1.0' encoding='UTF-8'>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:getHeldItemsPockemonResponse xmlns:ns2="http://pockemon/soap-webservice/f">
      <ns2:heldItems>
        <ns2:item>
          <ns2:name>metal-powder</ns2:name>
          <ns2:url>https://pokeapi.co/api/v2/item/234/</ns2:url>
        </ns2:item>
        <ns2:version_details>
          <ns2:rarity>5</ns2:rarity>
          <ns2:version>
            <ns2:name>ruby</ns2:name>
            <ns2:url>https://pokeapi.co/api/v2/version/7/</ns2:url>
          </ns2:version>
        </ns2:version_details>
        <ns2:version_details>
          <ns2:rarity>5</ns2:rarity>
          <ns2:version>
            <ns2:name>sapphire</ns2:name>
            <ns2:url>https://pokeapi.co/api/v2/version/8/</ns2:url>
          </ns2:version>
        </ns2:version_details>
        <ns2:version_details>
          <ns2:rarity>5</ns2:rarity>
          <ns2:version>
            <ns2:name>emerald</ns2:name>
            <ns2:url>https://pokeapi.co/api/v2/version/9/</ns2:url>
          </ns2:version>
        </ns2:version_details>
      </ns2:heldItems>
    </ns2:getHeldItemsPockemonResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

A... Heade... Attache... W... WS... JMS He... JMS Prop...

response time: 440ms (7578 bytes)

Headers (8) Attachments (0) SSL Info WSS (0) JMS (0)

1:1

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24°C 02:08 p. m. 20/03/2022

# TEST CON SOAPUI (method getHabilidadesPockemon)

SoapUI 5.7.0

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Navigator

- Projects
  - pokemon
  - pokemon
  - pokemon
    - PockemonesPortSoap11
      - getBaseExperiencePockemon
      - getHabilidadesPockemon
        - Request 1
      - getHeldItemsPockemon
      - getIdPockemon
      - getLocalAreaEncountersPockem
      - getNamePockemon
      - getPockemon

Request Properties

Property	Value
Name	Request 1
Description	
Message Size	347

Properties

Request 1

http://localhost:8080/ws

Raw XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <from:getHabilidadesPockemonRequest>
      <from:name>pikachu</from:name>
    </from:getHabilidadesPockemonRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Raw XML

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:getHabilidadesPockemonResponse xmlns:ns2="http://pokemon/soap-webservice/">
      <ns2:abilities>
        <ns2:ability>
          <ns2:name>static</ns2:name>
          <ns2:url>https://pokeapi.co/api/v2/ability/9/</ns2:url>
        </ns2:ability>
        <ns2:is_hidden>false</ns2:is_hidden>
        <ns2:slot>1</ns2:slot>
      </ns2:abilities>
      <ns2:abilities>
        <ns2:ability>
          <ns2:name>lightning-rod</ns2:name>
          <ns2:url>https://pokeapi.co/api/v2/ability/31/</ns2:url>
        </ns2:ability>
        <ns2:is_hidden>false</ns2:is_hidden>
        <ns2:slot>3</ns2:slot>
      </ns2:abilities>
    </ns2:getHabilidadesPockemonResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Headers (8) Attachments (0) SSL Info WSS (0) JMS (0)

response time: 569ms (682 bytes)

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02:10 p. m. 20/03/2022



# TEST CON SOAPUI (method getHabilidadesPokemon)

SoapUI 5.7.0

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Navigator

- Projects
  - pokemon
  - pokemon
  - pokemon
    - PockemonesPortSoap11
      - getBaseExperiencePokemon
        - Request 1
      - getHabilidadesPokemon
      - getHeldItemsPokemon
      - getIdPokemon
      - getLocalAreaEncountersPokemon
      - getNamePokemon
      - getPokemon

Request Properties

Property	Value
Name	Request 1
Description	
Message Size	351

Properties

Request 1

http://localhost:8080/ws

Raw XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <from:getBaseExperiencePokemonRequest>
      <from:name>ditto</from:name>
    </from:getBaseExperiencePokemonRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Raw XML

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:getBaseExperiencePokemonResponse xmlns:ns2="http://pokemon/soap-webservice/">
      <ns2:base_experience>101</ns2:base_experience>
    </ns2:getBaseExperiencePokemonResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

response time: 383ms (330 bytes)

SoapUI log http log jetty log error log wsrm log memory log

02:15 p. m. 20/03/2022