

# PopulateDatabase.XML's Structure

## User Accounts:

There will be 9 user accounts in the basic populate:

- 1 administrator (ADMINISTRATOR)
- 4 authors (AUTHOR)
- 4 reviewers (REVIEWER)

We will begin with : id = "userAccount1" and so on, until we reach userAccount9. The usernames will be:

- admin (UserAccount1)
- author1, author2, author3, author4 (From uA 2 to 5)
- reviewer1, reviewer2, reviewer3, reviewer4 (From uA 6 to 9)

The passwords in natural language and in MD5 will be:

- For administrators : admin -> 21232f297a57a5a743894a0e4a801fc3
- For authors : author1 , author2, author3, author4
- For reviewers : reviewer1, reviewer2, reviewer3, reviewer4

The basic structure will be:

```
<bean id="userAccount1" class="security.UserAccount">
  <property name="username" value="admin" />
  <property name="password" value="21232f297a57a5a743894a0e4a801fc3" />
  <property name="authorities">
    <list>
      <bean class="security.Authority">
        <property name="authority" value="ADMINISTRATOR" />
      </bean>
    </list>
  </property>
</bean>
```

## Actors

The actors have some common attributes and some unique attributes depending of the type of actor. The basic structure is:

```
<bean id="admin" class="domain.Administrator">
  <property name="name" value="Admin Name" />
  <property name="middleName" value="Admin Middle Name" />
  <property name="surname" value="Admin Surname" />
  <property name="photo" value="https://photoadmin.jpg" />
  <property name="email" value="admin@us.es" />
  <property name="phoneNumber" value="666666666" />
  <property name="address" value="Admin Address" />
  <property name="userAccount" ref="userAccount1" />
</bean>
```

## Configuration Parameters

This object will contain a list with the credit card makes and a list with references to the existing topics.

We can see the structure here:

```
<!-- CONFIGURATION PARAMETERS -->

<bean id="configurationParameters"
      class="domain.ConfigurationParameters">
  <property name="sysName" value="Acme Conference" />
  <property name="banner"
            value="https://i.ibb.co/GVpZCtM/acme-conference.png" />
  <property name="message"
            value="Welcome to Acme Conference! Your scientific event manager" />
  <property name="messageEs"
            value="¡Bienvenidos a Acme Conference! Su gestor de eventos
                  científicos" />
  <property name="countryCode" value="+34" />
  <property name="defaultCountry" value="Spain" />
  <property name="creditCardMakes">
    <list>
      <value>VISA</value>
      <value>MASTER</value>
      <value>DINNERS</value>
      <value>AMEX</value>
    </list>
  </property>
  <property name="topics">
    <list>
      <ref bean="inquiry"/>
      <ref bean="rebuttall"/>
      <ref bean="registration"/>
      <ref bean="topic"/>
      <ref bean="other"/>
    </list>
  </property>
</bean>

<!-- CONFIGURATION PARAMETERS FINISHED -->
```

## Messages

There will be one message sent by each actor to 2 other actors, that will be the next 2 actors. And there will be 1 broadcast message with no sender and every actor as a recipient.

Th estructure is:

```
<bean id="message1" class="domain.Message">
  <property name="moment" value="2019/08/05 22:00" />
  <property name="subject" value="Message1's subject" />
  <property name="body" value="Message1's body" />
  <property name="topic" ref="other" />
  <property name="sender" ref="admin" />
  <property name="recipients">
    <list>
      <ref bean="author1" />
      <ref bean="author2" />
    </list>
  </property>
</bean>
```

There are 9 messages, 1 for each author.

## Credit Cards

Only authors have Credit Cards. So each one of them will have one.

Th estructure is this:

```
<bean id="creditCard1" class="domain.CreditCard">
  <property name="holderName" value="author1" />
  <property name="brandName" value="Acme Conference's brand" />
  <property name="number" value="4716299708340661" />
  <property name="expirationMonth" value="03" />
  <property name="expirationYear" value="20" />
  <property name="cvv" value="458" />
  <property name="make" value="VISA" />
  <property name="owner" ref="author1" />
</bean>
```

## Conference

There will be 2 conferences. The estructure is:

```
<bean id="conference1" class="domain.Conference">
  <property name="title" value="Conference1's title" />
  <property name="acronym" value="Conference1's acronym" />
  <property name="venue" value="Conference1's venue" />
  <property name="submissionDeadline" value="2019/10/01 21:00" />
  <property name="notificationDeadline"
    value="2019/10/02 21:00" />
  <property name="cameraReadyDeadline" value="2019/10/03 21:00" />
  <property name="startDate" value="2019/10/10 12:00" />
  <property name="endDate" value="2019/10/20 21:00" />
  <property name="summary" value="Conference1's summary" />
  <property name="fee" value="200." />
  <property name="administrator" ref="admin" />
  <property name="registrations">
    <list>
    </list>
  </property>
  <property name="submissions">
    <list>
    </list>
  </property>
  <property name="activities">
    <list>
    </list>
  </property>
</bean>
```