

# Test cases for C3PR NES Web Services

Source Document: [Testing C3PR NES Web Services](#)

## Environment

URL: <https://oracle.qa.semanticbits.com/c3pr/>

host name: derek.semanticbits.com

DB type: Oracle

C3PR version: c3pr v. 2.9.3\_RC2

Test Framework: Soap UI v2.5

## Pre-conditions

- There exists a user with username: **jdooe01**
- User has privileges to create/ edit subjects and registrations

## Test scripts for Subject Management Service

### Create new Subject

- User sends a SOAP message to create John Doe
- SOAP is attached [here](#)
- User gets a success message for successful creation of subject
- User logs in to UI as c3pr\_admin to check for subject existence
- User navigates to Person & Organizations>>Subject>>Manage Subject
- User searches for subjects with first name John and Last name Doe

### *Expected*

User is able to find subject with first name John and last name Doe

### Create existing Subject

- User sends a SOAP message to create John Doe
- John Doe with identifier qa\_subject01 already exists.
- SOAP is attached [here](#)

### *Expected*

User gets a error message for creation of existing subject

### Update existing Subject

- Subject John Doe already exists in the system.
- User sends a SOAP message to update John Doe to Karthik Iyer
- SOAP is attached [here](#)
- User gets a success message for successful updation of subject
- User logs in to UI as c3pr\_admin to check for subject existence
- User navigates to Person & Organizations>>Subject>>Manage Subject
- User searches for subjects with first name Karthik and Last name Iyer

### *Expected*

User is able to find subject with first name Karthik and last name Iyer

### Query existing Subject

- Subject with identifier qa\_subject01 already exists in the system.
- User sends a SOAP message to query the subject

- SOAP is attached [here](#)

### ***Expected***

User gets a success message with details of subject in the response

### **Advanced Query existing Subject**

- Subject with identifier qa\_subject01 already exists in the system.
- User sends a SOAP message with advanced query about the subject.
- Criteria is Identifier value like '%qa%'
- SOAP is attached [here](#)

### ***Expected***

User gets a success message with details of subject in the response

### **Change Subject state**

- Subject with identifier qa\_subject01 already exists in the system.
- User sends a SOAP message to make subject INACTIVE.
- SOAP is attached [here](#)

### ***Expected***

User gets a success message with details of subject who is INACTIVE.

## **Test scripts for Subject Registration Service**

### **Query Registration by Identifier**

- Registration with identifier =1 already exists in the system
- User sends a SOAP message to query details about the registration
- SOAP is attached [here](#).

### ***Expected***

Details about registration record with identifier = 1 are shown

Actual

Following SOAP message is returned:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">  <soap:Body>
<soap:Fault>                <faultcode>soap:Server</faultcode>          <faultstring>Fault occurred while
processing.</faultstring>      </soap:Fault>    </soap:Body></soap:Envelope>
```