2.5 Study Web Service

This service provides API methods for manipulating studies in OpenClinica. The WSDL file associated with this service could be found here:
http://host:8080/OpenClinica/ws/study/v1/studyWsdl.wsdl

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Not valid unless obtained from the OpenClinica document management system on the day of use.

2.5.1 getMetadata (Returns study metadata)

Returns the study metadata. The roles associated with the user running this webservice will determine wether the study metadata is displayed.

Usage

Returns the study metadata for the requested study in OpenClinica. It will contain information like the Study Name, Unique Protocol ID, and Study OID.

SOAP XML Request and Response Template

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://openclinica.org/ws/study/v1"
xmlns:bean="http://openclinica.org/ws/beans">
<soapenv:Header>
<wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss
-wssecurity-secext-1.0.xsd">
<wsse:UsernameToken wsu:Id="UsernameToken-27777511"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
<wsse:Username>user</wsse:Username>
<wsse:Password
Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-usern
ame-token-profile-1.0#PasswordText">password</wsse:Password>
</wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
```

```
<v1:getMetadataRequest>
<v1:studyMetadata>
<bean:studyRef>
<bean:identifier>identifier</bean:identifier>
</bean:studyRef>
</v1:studyMetadata>
</v1:getMetadataRequest>
</soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/">
<SOAP-ENV:Header/>
<SOAP-ENV:Body>
<createResponse xmlns="http://openclinica.org/ws/study/v1">
<result>Success</result>
<odm><![CDATA[<Study OID="S_DEFAULTS1">
<GlobalVariables>
<StudyName>Default Study</StudyName>
<StudyDescription>

</StudyDescription>
<ProtocolName>default-study</ProtocolName>
</GlobalVariables>
<MetaDataVersion>
<Protocol>
</Protocol>
</MetaDataVersion>
</Study>]]></odm>
</createResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Parameters

Request Parameters

Parameter	UI	Domain	DB	Validations	Datatypes	Examples	Required
studyRef:identifier	Unique Protocol ID	StudyBean:identifier	study:unique_identifier	N/A	String	<identifier>study identifier</identifier>	Y
siteRef:identifier	Unique Protocol ID	StudyBean:identifier	study:unique_identifier	N/A	String	<identifier>site identifier</identifier>	N

Response Parameters

Parameter	UI	Domain	DB	Result on success	Result on fail
result	n/a	n/a	n/a	<result>Success</result>	<result>Fail</result>
warning	n/a	n/a	n/a	<warning>A warning message</warning>	n/a
error	n/a	n/a	n/a	n/a	<error>An error message indicating reason of failure</error>

2.5.2 listAll (Lists studies)

Returns a list of studies/sites. The roles associated with the user running this webservice will determine which studies/sites are listed.

Usage

Returns a list of all the studies and sites that are part of your OpenClinica instance and accessible by the web services user. The system will not list studies and sites the user does not have access to.

SOAP XML Request and Response Template

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://openclinica.org/ws/study/v1">
<soapenv:Header>
<wsse:Security soapenv:mustUnderstand="1"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss
-wssecurity-secext-1.0.xsd">
<wsse:UsernameToken wsu:Id="UsernameToken-27777511"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
<wsse:Username>user</wsse:Username>
<wsse:Password
Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-usern
ame-token-profile-1.0#PasswordText">password</wsse:Password>
</wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
<v1:listAllRequest/>
</soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/">
<SOAP-ENV:Header/>
<SOAP-ENV:Body>
<listAllResponse xmlns="http://openclinica.org/ws/study/v1">
<result>Success</result>
<studies>
<study>
<identifier>default-study</identifier>
<oid>S_DEFAULTS1</oid>
<name>Default Study</name>
</study>
<study>
<identifier>Study A</identifier>
<oid>S_STUDYA</oid>
<name>A new study</name>
<sites>
<site>
<identifier>Site A</identifier>
<oid>S_SITEA</oid>
<name>1 Site</name>
</site>
</sites>
</study>
</studies>
</listAllResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Parameters

Request Parameters

Not Available

Response Parameters

Parameter	UI	Domain	DB	Result on success	Result on fail
result	n/a	n/a	n/a	<result>Success</result>	<result>Fail</result>
warning	n/a	n/a	n/a	<warning>A warning message</warning>	n/a
error	n/a	n/a	n/a	n/a	<error>An error message indicating reason of failure</error>
study:identifier	Unique Protocol ID	StudyBean:identifier	study:unique_identifier	<identifier>default-study</identifier>	n/a
study:oid	OID	StudyBean:oid	study:oc_oid	<oid>S_STUDY</oid>	n/a
study:name	Name	StudyBean:name	study:name	<name>Default Study</name>	n/a

Parameter	UI	Domain	DB	Result on success	Result on fail
site:identifier	Unique Protocol ID	StudyBean:identifier	study:unique_identifier	<identifier>default-site</identifier>	n/a
site:oid	OID	StudyBean:name	study:oc_oid	<oid>S_SITE</oid>	n/a
site:name	Name	StudyBean:oid	study:name	<name>Default Site</name>	n/a