

2.3 Event Web Service

This service provides API methods for manipulating study events in OpenClinica. The WSDL file associated with this service could be found here: [http://\\${your instance}/OpenClinica-ws/ws/event/v1/eventWsdL.wsdl](http://${your instance}/OpenClinica-ws/ws/event/v1/eventWsdL.wsdl).

Approved for publication by Cal Collins. Signed on 2014-04-02 3:54PM

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

2.3.1 schedule (Schedules an event)

Schedule an event

Usage

Schedules a single study subject event (visit) in an OpenClinica Study.

NOTE: the scheduleEvent WSDL states that more than one event can be scheduled at a time, however the application will only schedule one event per request. See [13008](#) for further information.

SOAP XML Request and Response Template

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://openclinica.org/ws/event/v1"
xmlns:bean="http://openclinica.org/ws/beans">
  ${insert header}
  <soapenv:Body>
    <v1:scheduleRequest>

      <v1:event>
        <bean:studySubjectRef>
          <bean:label?</bean:label>
        </bean:studySubjectRef>
        <bean:studyRef>
          <bean:identifier?</bean:identifier>
          <!--Optional:-->
          <bean:siteRef>
            <bean:identifier?</bean:identifier>
```

```

</bean:siteRef>
</bean:studyRef>
<bean:eventDefinitionOID>?</bean:eventDefinitionOID>
<bean:location>?</bean:location>
<bean:startDate>?</bean:startDate>
<!--Optional:-->
<bean:startTime>?</bean:startTime>
<!--Optional:-->
<bean:endDate>?</bean:endDate>
<!--Optional:-->
<bean:endTime>?</bean:endTime>
</v1:event>
</v1:scheduleRequest>
</soapenv:Body>
</soapenv:Envelope>

```

```

<SOAP-ENV:Envelope xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/">
<SOAP-ENV:Header/>
<SOAP-ENV:Body>
<scheduleResponse>
<result>success</result>
<eventDefinitionOID>SE_TEST</eventDefinitionOID>
<studySubjectOID>SS_PERSON</studySubjectOID>
<studyEventOrdinal>1</studyEventOrdinal>
</scheduleResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Parameters

Request Parameters

Element	UI	Domain	DB	Validations	Datatypes	Examples	Required
studySubjectRef:label	Study Subject ID	StudySubjectBean:label	study_subject:label	- should be a valid study subject ID	String	<label>SSID001</label>	Y
eventDefinitionOID	OID (Manage All Event Definitions Screen)	StudyEventDefinitionBean:oid	study_event_definition:oc_oid	- should be a valid event definition OID	String	<eventDefinitionOID>OC_OID</eventDefinitionOID>	Y
location	Location (Schedule Study Event Screen)	StudyEventBean:location	study_event:location	n/a	String	<location>Waltham</location>	Y
startDate	Start Date/Time (Schedule Study Event Screen)	StudyEventBean:dateStarted	study_event:date_start	- should be a valid date in the ISO 8601 format	Date	<startDate>2008-12-12</startDate>	Y
startTime	Start Date/Time (Schedule Study Event Screen)	StudyEventBean:dateStarted	study_event:date_start	- should be a valid time in the ISO 8601 format	Date	<startTime>12:00</startTime>	N

Element	UI	Domain	DB	Validations	Datatypes	Examples	Required
endDate	End Date/Time (Schedule Study Event Screen)	StudyEventBean:dateEnded	study_event:date_end	- should be a valid date in the ISO 8601 format	Date	<endDate>2008-12-12</endDate>	N
endTime	End Date/Time (Schedule Study Event Screen)	StudyEventBean:dateEnded	study_event:date_end	- should be a valid time in the ISO 8601 format	Date	<endTime>15:00</endTime>	N
studyRef:identifier	Unique Protocol ID	StudyBean:identifier	study:unique_identifier	- should be a valid study identifier	String	<identifier>StudyA</identifier>	Y
siteRef:identifier	Unique Protocol ID	StudyBean:identifier	study:unique_identifier	- should be a valid site identifier	String	<identifier>SiteA</identifier>	N

Response Parameters

Parameter	UI	Domain	DB	Result on success	Result on fail
eventDefinitionOID	OID (Manage All Event Definitions Screen)	StudyEventDefinitionBean:oid	study_event_definition:oc_oid	<eventDefinitionOID>SE_TEST</eventDefinitionOID>	n/a
studySubjectOID	OID (Subject Matrix)	StudySubjectBean:oid	study_subject:oc_oid	<studySubjectOID>SS_OID</studySubjectOID>	n/a
studyEventOrdinal	Event (Occurrence Number) - (View Subject Screen)	StudyEventBean:ordinal	study_event:sample_ordinal	<studyEventOrdinal>1</studyEventOrdinal>	n/a
result	n/a	n/a	n/a	<result>Success</result>	<result>Fail</result>
warning	n/a	n/a	n/a		n/a
error	n/a	n/a	n/a	n/a	<error>An error message indicating reason of failure</error>