

## 2.4.1 Import

### Usage

This web service inserts CRF item data. The data supplied to the method should be in [CDISC ODM XML format](#).

Starting with OpenClinica release 3.6, the **UpsertOn** tag and **OpenClinica:Status** clause are available. Details are provided in [CDISC ODM XML format](#)

Starting with OpenClinica release 3.1.3 if you have [Rules](#) attached to your CRF, you can run them when uploading data from web services by turning on ImportDataEntry flag in rules definition. For example, in order to enable a discrepancy note rule action executed on import the rule should have ImportDataEntry flag set to true:

```
<?xml version="1.0" encoding="UTF-8"?>
<RuleImport>
  <RuleAssignment>
    <Target>I_RULES_WEIGHT</Target>
    <RuleRef OID="RU2">
      <DiscrepancyNoteAction IfExpressionEvaluates="false">
        <Run AdministrativeDataEntry="true"
          InitialDataEntry="true" DoubleDataEntry="true"
          ImportDataEntry="true" Batch="false"/>
        <Message>This is a discrepancy note test</Message>
      </DiscrepancyNoteAction>
    </RuleRef>
  </RuleAssignment>
  <RuleDef OID="RU2" Name="Blank exam date">
    <Description>CRF can not be blank.</Description>
    <Expression>I_RULES_HEIGHT eq "100"</Expression>
  </RuleDef>
</RuleImport>
```

## SOAP XML Request and Response Template

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://openclinica.org/ws/data/v1"
xmlns:OpenClinica="http://www.openclinica.org/ns/odm_ext_v130/v3.1"
>
<soapenv:Header>
<wsse:Security soapenv:mustUnderstand="1"
xmlns:wss="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:importRequest>
<odm><![CDATA[
<ODM . . . .
. . . .
</ODM>]]>
</odm>
</v1:importRequest>
</soapenv:Body>
</soapenv:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/">
<SOAP-ENV:Header/>
<SOAP-ENV:Body>
. . . .
</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>

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