

File Layout IOUXML v 1.0

Import Object Update

Date: 2021-02-16

Event log

Version	Date	Change	Changed by
01.00	2020-10-02	First version, creating template.	Jeanette Fridolf
01.01	2020-10-14	Adding content	Johan Andersson
01.02	2021-02-16	Updating description about senderpartyref attribute.	Jeanette Fridolf
	Click to set date		

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IOUXML - Import Object Update

1 Introduction

The file layout IOUXML is used to import object updates in Aptic ARC. The import file is an XML-file that must follow a specific scheme.

The XML-scheme can be found at <http://schema.aptic.net/aptic-link-import-objectupdates.xsd>. In the scheme, all fields that are available can be interpreted, we can determine the order of these and even point out which ones are required to be filled in. Many fields are optional, and some of those fields might be replaced with default values if empty.

2 Example

The example below shows an XML file updating four different objects. If the file has several objects, the element <object> will be repeated for each respective object. If the object has child objects, the element <object> will be placed within the <objects> element on an <object> and repeated for each respective child object.

```
<?xml version="1.0" encoding="iso-8859-1"?>
<objectupdate senderpartyref="1000" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="http://schema.aptic.net/aptic-link-import-objectupdates.xsd">
  <journal>
    <object>
      <creditor>1000</creditor>
      <objectcode>contract</objectcode>
      <referencenumber>contract1</referencenumber>
      <objectdetails>
        <description>Contract 1 example</description>
      </objectdetails>
      <fields/>
      <objects>
        <object>
          <objectcode>site</objectcode>
          <referencenumber>Site1</referencenumber>
          <itemcount>1</itemcount>
          <active>true</active>
          <objectdetails>
            <description>Site 1 example</description>
          </objectdetails>
          <fields>
            <countrycode>Example country</countrycode>
          </fields>
        </object>
      </objects>
    </object>
  </journal>
</objectupdate>
```

```

    </object>
  </objects>
</object>
<object>
  <objectcode>site</objectcode>
  <referencenumber>Site2</referencenumber>
  <itemcount>7</itemcount>
  <objectdetails>
    <description>Site 2 example</description>
    <mileage>2</mileage>
  </objectdetails>
  <fields>
    <heatingdependency>2</heatingdependency>
  </fields>
  <objects/>
</object>
</journal>
<journal>
  <object>
    <objectcode>site</objectcode>
    <referencenumber>Site3</referencenumber>
    <objectdetails>
      <description>Site 3 example</description>
    </objectdetails>
    <fields>
      <municipalityname>Example municipality name</municipalityname>
    </fields>
  </object>
</journal>
</objectupdate>

```

3 Element description

Below you can find a short element description of the elements that are available.

Element	Type	Required	Description
Objectupdate			
@senderpartyref	string15	Yes	Sender party reference of the file. Used to see who sent the file. If objects contains personal data, this is important to fill due to GDPR.
@senderpartytypecode	string15	No	Party type code of sender party. Used to differentiate between parties with the same reference number.
@senderpartytypesubcode	string15	No	Party type subcode of sender party. Used in conjunction with @senderpartytypecode to differentiate between parties with the same reference number.
counterkey	string15	No	File count identity. The name of the file counter. This is used to control that files are imported in the correct sequence.
countervalue	int	No	File number. This is used to control that files are imported in the correct sequence.
recordcount	int	No	Number of items in the file.
extradata	string500	No	Additional information. Is saved in the log file, not used for any other purpose.
objectupdate / journal / object			

creditor	string50	No	Client reference number.
uniqueid	string	No	Unique identifier.
objectcode	string50	No	Object code.
referencenumber	string50	No	Reference number
itemcount	int	No	Item count
active	bool	No	Active.
objectupdate / journal / object / objectdetails			
description	string250	No	Description of the object.
registrationnumber	string100	No	Registration number.
yearofmanufacture	int	No	Year of manufacture.
mileage	int	No	Mileage.
currencycode	string3	No	Currency code.
originalvalue	money	No	Original value.
currentvalue	money	No	Current value.
residualvalue	money	No	Residual value.
validuntil	date	No	Valid until.
ownerpartyref	string50	No	Owner party reference.
vendorpartyref	string50	No	Vendor party reference.
deletedby	string100	No	Delete by.
location	string100	No	Location as a geography type.
objectupdate / journal / object / fields			
@validation	string	No	Defaults to strict. Type of validation: strict = elements in this node must adhere to object definition none = no validation same behavior as ICAXML and ILAXML
Contains n number of elements, that depending on the attribute validationmode, must or does not have to adhere to fields within the object definition xml.			
objectupdate / journal / object / objects			
Contains object elements in the same format as objectupdate / journal / object and elements specified in objectupdate / journal / objects / objects must be child elements to the element they are specified in. These objects can in turn have child objects of their own and there is currently no limit to the object depth.			