

Issue with the WSDL for APIA and APIM

I was wondering if someone could help better document the WSDL for the API interfaces. There are two different versions that are generated. One is at: <http://host/fedora/wSDL?api=API-A> and another is at: <http://sandbox.ischool.drexel.edu:8080/fedora/services/access?wSDL>; These two WSDL documents are different as well. Specifically with the findObjects() definition. When consuming this service, the axis interpretation gives you conditions and terms on the search request object, while the fedora WSDL gives you just item. For example, when consuming in .NET the code differences are:

AXIS WSDL

```
FieldSearchQuery fsq = new FieldSearchQuery();

Condition c = new Condition();
c.@operator = ComparisonOperator.has;
c.property = "subject";
c.value = "**";
fsq.conditions = new Condition[] { c };
string[] sr = { "pid", "title", "subject" };
FieldSearchResult fsr = a.findObjects(sr, "50", fsq);
```

Fedora WSDL

```
fsq.Item= new Condition[] { c };
```

Either way, the service call fails when using conditions, and only succeeds when using a string-based terms query. The servlet returns "org.xml.sax.SAXException: Found character data inside an array element while deserializing" when using the axis API-A and throws a preliminary "type not allowed" exception when using the fedora WSDL.

Does anyone have a workaround for this, or a better way of consuming the service that isn't documented?