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Document Upload Java Client Example

☺ | Updated October 31, 2016 by RyanKoppelman | Tags: *None*

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The following is sample Java client code demonstrating a document upload via CBA on 3.5 platform with MTOM enabled, using Apache CXF and JAXB. This code utilizes stubs generated from the CXF WSDL to Java utility (classes such as TririgaWS and TririgaWSPortType are generated from this). Note that this is just an example for demonstrative purposes, it is not code officially supported by IBM. Please review the Connector for Business Applications Technical Specification guide for more information on working with CBA.

```java
public void testDocumentUpload() throws IOException, AccessException, InvalidDocumentTypeException, InvalidContentException {
    URL wsdlURL = TririgaWS.WSDL_LOCATION;
    TririgaWS ss = new TririgaWS(wsdlURL, SERVICE_NAME);
    TririgaWSPortType port = ss.getTririgaWSPort();

    BindingProvider bp = (BindingProvider)port;
    bp.getRequestContext().put(BindingProvider.USERNAME_PROPERTY, USER_NAME);
    bp.getRequestContext().put(BindingProvider.PASSWORD_PROPERTY, PASSWORD);

    //Enable MTOM
    SOAPBinding binding = (SOAPBinding) bp.getBinding();
    binding.setMTOMEnabled(true);

    System.out.println("Upload Start...");

    //Create content object
    Content content = new Content();

    //Set the content that will be uploaded
    Path path = Paths.get("C:/CBAFiles/SomeDocument.pdf");
    byte[] data = Files.readAllBytes(path);
    content.setContent(new JAXBElement<byte[]>(new QName("http://content.dto.ws.tririga.com", "content"), byte[].class, Content.class, ((byte[]) data)));

    //Set the document management record id to upload document to
    content.setRecordId(13967868);

    //Upload the content
    port.upload(content);

    System.out.println("Upload End...");
}
```

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