



Adeptia Suite 6.2

Guide to extract Base64encoded content from a file

Adeptia Inc.
443 North Clark Ave,
Suite 350
Chicago, IL 60610, USA
Phone: (312) 229-1727

Introduction

This document explain how to extract Base64encoded content from a file which you can use into request xml of a Web Service Consumer activity. To extract Base64encoded content from a file, you need to use a custom plugin. This document explains how to use the custom plugin for extracting the Base64encoded content from a file.

Steps to Use a Custom Plugin

1. From the Adeptia Suite home page, go to *Develop > Service > Extension* and click *Custom Plugin* option. It opens the *Manage Custom Plugin* page.
2. Open the Bundled Custom Plugin “CP_ExtractBinaryData”.

Edit Custom Plugin: CP_ExtractBinaryData

Standard Properties

Name* CP_ExtractBinaryData

Description* CP_ExtractBinaryData

Character Set Encoding* ISO-8859-1 Refresh

#	Name	Type	Default Value
1	encoding	Plain Text	utf-8
2	folderPath	Plain Text	D:/extractedBinaryFiles
3	streamName	Plain Text	default
4		Plain Text	

Variables

Number of Rows at Position Add Row Remove Row

Hide Script

```

List base64Elements = new ArrayList();
base64Elements.add(new
BinaryElement("elementName",
"http://www.software.com/version/webservice",
"base64Binary"));

```

3. There are three variables in variable parameter table as shown in the figure below

Here:

encoding : defines the character set encoding of outgoing stream.

FolderPath: defines the folder, where you want to store the extracted Base64encoded data. This data is saved into a file. The file name contains a unique id, which is generated at runtime.

streamName: defines the name of the stream generated by custom plugin. This stream contain the rest of the data after extracting the Base64encoded content.

4. You have to do following changes in code. You have to edit the list of base64 elements and give the Base64element name and its associated namespace as shown in figure

[Hide Script](#)

Script*

```
// Here create list of the binary or hex elements. You
can add any number of binary elements in this list.
// First argument is element name
// Second argument is namespace of the element
// Third argument specify that element is base64Binary
or hexBinary.
List base64Elements = new ArrayList();
base64Elements.add(new
BinaryElement("elementName",
"http://www.software.com/version/webservice",
"base64Binary"));

// Create document object from input xml
InputSource inputSource = new
InputSource(inputStream);
Document doc = XmlUtils.parse(inputSource, true,
```

5. Save the custom plugin and use it in the Process Flow after the Source activity which is receiving the file.
6. To rebuild the payload of Web Service consumer, you need to define a context variable as ***Service.<EntityName>.enableAttachment*** and set its value as ***True***.
7. Define one more variable as ***Service.<EntityName>.binaryAttachmentFolderPath***. In value of this variable define the path, which you have mentioned within the ***FolderPath*** variable of custom plugin.