

## How do I read an XML file in AWE?

### THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT version 6.5 and later

### DISCUSSION

You can use Advanced Workflow Engine (AWE) workflows to design scripts, batch files, macros, or any other code-intensive process using an easy drag-and-drop interface. AWE actions allow you to create custom, complex interactions within EFT. The XML class of actions can prove extremely helpful. There may be times that you want to create data driven processing in the form of configurations or even data elements. The simple case below describes an XML file with file information and associates attributes. The Advanced Workflow file provided will read the XML file and place each file element in an AML dataset object.

#### XML File

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!--LRECL to File Name Mapping-->
```

```
<FileInfoMap>
```

```
<File>
```

```
<FileName>FILEone.txt</FileName>
```

```
<LRECL>80</LRECL>
```

```
<RECFM>FB</RECFM>
```

```
<BLKSIZE>8000</BLKSIZE>
```

```
</File>
```

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<File>

<FileName>FILEtwo.txt</FileName>

<LRECL>80</LRECL>

<RECFM>VB</RECFM>

<BLKSIZE>8004</BLKSIZE>

</File>

<File>

<FileName>FILEthree.txt</FileName>

<LRECL>256</LRECL>

<RECFM>VB</RECFM>

<BLKSIZE>18000</BLKSIZE>

</File>

</FileInfoMap>

### **Advanced Workflow**

<AMVARIABLE NAME="mapFile">G:\TEMP\LRECL XML Parsing  
AWE\lrecl\_mapping.xml</AMVARIABLE>

<AMVARIABLE NAME="xmlMap"></AMVARIABLE>

<AMVARIABLE NAME="currentFileName"></AMVARIABLE>

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```
<AMVARIABLE NAME="currentLRECL"></AMVARIABLE>
```

```
<AMVARIABLE NAME="currentRECFM"></AMVARIABLE>
```

```
<AMVARIABLE NAME="currentBLKSIZE"></AMVARIABLE>
```

```
<AMXMLSTARTSESSION XMLDOCUMENTFROM="ExistingFile"  
FILE="%mapFile%" />
```

```
<AMXMLNODEITERATOR XPATH="//FileInfoMap[1]/File"  
RESULTDATASET="fileInfoDS" VARVALUETYPE="XPathValue" />
```

```
<AMLOOP TYPE="DATASET" DATASET="fileInfoDS">
```

```
<AMXMLREADNODE XPATH="%fileInfoDS.Value%/FileName"  
RESULTVARIABLE="currentFileName" />
```

```
<AMXMLREADNODE XPATH="%fileInfoDS.Value%/LRECL"  
RESULTVARIABLE="currentLRECL" />
```

```
<AMXMLREADNODE XPATH="%fileInfoDS.Value%/RECFM"  
RESULTVARIABLE="currentRECFM" />
```

```
<AMXMLREADNODE XPATH="%fileInfoDS.Value%/BLKSIZE"  
RESULTVARIABLE="currentBLKSIZE" />
```

```
</AMLOOP>
```

```
<AMXMLENDSESSION />
```

**Refer to the following topics for more information:**

- [AWE XMLActions](#)

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<https://kb.globalscape.com/Knowledgebase/11242/How-do-I-read-an-XML-file-in...>