| Field | Your notes | Data type | Optional / mandatory? | My questions |
| --- | --- | --- | --- | --- |
| sourceSystem | The name of the Application or System that originally generated the Batch Interface Data File. | xs:string | Mandatory | We are inserting the phrase “DIT” – is this okay?  Yes |
| sourceSystemType | The technology category on which the Source System was hosted when the Batch Interface Data File was generated | xs:string | Optional | We are inserting the phrase “AWS” – is this okay?  Yes |
| sourceSystemOS | The Operating system on which the Source System was hosted when the Batch Interface Data File was generated | xs:string | Optional | We are inserting the phrase “RedHat\_7.3”  Works |
| interfaceName | The name of the interface for which the Data File was generated. N.B. The InterfaceName and InterfaceVersion must uniquely identify the data file contents structure and its eventual destination(s). | xs:string | Mandatory | We are inserting the phrase “TAQ01”. Is this okay?  Works |
| interfaceVersion | The version of the interface for which the Data File was generated. N.B. The InterfaceName and InterfaceVersion must uniquely identify the data file contents structure and its eventual destination(s). | xs:string | Mandatory | We are using the phrase “V1.0”. Is this okay?  Yes |
| correlationID | The unique identifier for each Batch Interface File journey through the Integration Layer so that a request can be matched to a response.  N.B. If the correlationID is not supplied by the application that generated the Batch Interface File, it will be generated at the first opportunity by the Integration Layer as a UUID. | xs:string | Mandatory | In the example we have provided to date, we have just used a GUID. Do you care what goes in here and what does it get used for?  a unique UUID would be fine |
| conversationID | Used to logically group a number of related Batch Interface Files from the perspective of an overarching Business Transaction. E.g. 1 (conversationID) : N (correlationID) | xs:string | Optional | We will omit this field, as it is optional  works |
| transactionID | Used to identify individual transactions that the Batch File Interface is involved E.g. 1 (correlationID) : N (transactionID) | xs:string | Optional | We will omit this field, as it is optional  works |
| messageID | Used to uniquely identify the Batch Interface file sent by a provider. E.g. Can be used when converting JMS message to/from files and retaining the JMSMessageID property | xs:string | Optional | We will omit this field, as it is optional  works |
| sequenceNumber | Used to identify the in-sequence order that this batch file was generated and should be applied | xs:integer | Optional | We will omit this field, as it is optional  works |
| batchID | Used to uniquely identify the batch that this file is a part of | xs: string | Optional | We will omit this field, as it is optional  works |
| batchSize | The number of files that comprises the batch that this file is a part of | xs:integer | Optional | We will omit this field, as it is optional  works |
| batchCount | The sequence number that this file holds in the batch that it is a part of | xs:integer | Optional | We will omit this field, as it is optional  works |
| extractStartDateTime | The start date and time of the Batch Interface Data File extraction.  The date is also exposed as part of the Batch File Name. | xs:dateTime | Optional | We will omit this field, as it is optional  works |
| extractEndDateTime | The end date and time the Batch Interface Data File extraction | xs:dateTime | Optional | We will omit this field, as it is optional  works |
| extractDatabaseDateTime | The database start date and time of the Batch Interface Data File extraction. | xs:dateTime | Optional | We will omit this field, as it is optional  works |
| checksum | The checksum generated against the Batch Interface File using the specified Checksum Algorithm | xs:string | Mandatory | No questions |
| checksumAlgorithm | The name of the Algorithm used to generate the checksum agains the batch interface data file | mdg:checksumAlgorithmType | Mandatory | We will use “MD5”  works |
| signature | The encrypted checks value using the fileum originator's private key | xs:string | Optional | We will omit this field, as it is optional  works |
| fileSize | The size of the batch file in bytes | xs:long | Mandatory | No questions |
| compressed | To specify whether the batch interface file has been compressed | xs:Boolean | Mandatory | We will enter “false” into this field. Is this okay?  works |
| compressionAlgorithm | The Compression algorithm used on the Batch Interface file | mdg:compressionAlgorithmSimpleType | Optional | We will omit this field, as it is optional  works |
| compressedChecksum | The checksum generated against the compressed Batch Interface File using the specified Compressed Checksum Algorithm | xs:string | Optional | We will omit this field, as it is optional  works |
| compressedChecksumAlgorithm | The name of the Algorithm used to generate the checksum against the compressed Batch Interface data file | mdg:checksumAlgorithmType | Optional | We will omit this field, as it is optional  works |
| compressedSignature | The encrypted compressed Checksum value using the file originator's private key | xs:string | Optional | We will omit this field, as it is optional  works |
| manifest | Used to document the members of a zipped interface file |  | Optional | We will omit this field, as it is optional  works |
| encrypted | To specify whether the batch interface file has been encrypted | xs:Boolean | Optional | We will omit this field, as it is optional  works |
| encryptedChecksum | The checksum generated against the compressed Batch Interface File using the specified Compressed Checksum Algorithm | mdg:checksumAlgorithmType | Optional | We will omit this field, as it is optional  works |
| encryptedSignature | The encrypted compressed Checksum value using the file originator's private key | xs:string | Optional | We will omit this field, as it is optional  works |
| properties | File content or metadata exposed in the metadata file for routing, searching or processing purposes | mdg:propertiesType | Optional | We will omit this field, as it is optional  works |
| sourceLocation | The location of the Content File in the Source System | xs:string | Mandatory | We will enter “DIT FTP Server” into this field. Does this work? Do you care what is entered here?  Works - No |
| sourceFileName | The Batch Interface file name when it was originally generated | xs:string | Mandatory | No questions |
| sourceFileEncoding | The Encoding for the Batch Interface Data File. | xs:string | Optional | We will omit this field, as it is optional  works |
| sourceFileMimeType | The type of Batch Interface Data File. E.g PDF, GIF, DOC | xs:string | Optional | We will omit this field, as it is optional  works |
| virusScan | Contains information of any virus checking that was performed on the batch interface file | mdg:virusScanType | Optional | We will omit this field, as it is optional  works |
| destinations | No comments | mdg:destinationsType | Optional | We will omit this field, as it is optional  works |

Types

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Notes | Options | My questions |
| compressionAlgorithmSimpleType |  | GZIP  ZIP |  |
| checksumAlgorithmType |  | CHIEF  MD2  **MD5**  SHA-1  SHA-256  SHA-384  SHA-512 |  |
| destinationType  destinationSystem  destinationLocation  destinationFileName  destinationFileEncoding |  |  |  |
| virusScanType  execution |  |  |  |
| propertiesType (optional) | We will omit |  | works |
| memberType (optional) | This is a part of manifest and we will omit |  | works |
|  |  |  |  |
|  |  |  |  |

<xs:element name="checksum" type="xs:string">

<xs:annotation>

<xs:documentation>The checksum

generated against the

zipped up member file</xs:documentation>

</xs:annotation>

</xs:element>

</xs:sequence>

</xs:complexType>

<xs:complexType name="executionType">

<xs:annotation>

<xs:documentation>Contains information of

individual virus scans

that were performed

on the batch interface

file</xs:documentation>

</xs:annotation>

<xs:sequence>

<xs:element name="performed" type="xs:dateTime" minOccurs="0"/>

<xs:element name="result">

<xs:simpleType>

<xs:restriction base="xs:string">

<xs:enumeration value="Passed"/>

<xs:enumeration value="Failed"/>

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element name="tool" type="xs:string"/>

<xs:element name="report" type="xs:string"/>

</xs:sequence>

</xs:complexType>

</xs:schema>