

OFI Control File Specifications

Consuming OFI Provider Files
Release 2021.0

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Introduction	1
What is in this guide	1
Who should read this guide	1
Specifications	1
File naming conventions	1
File contents	1
Element Descriptions	2
InstRtId	2
InstEnv	2
EventTimeDt	2
PrvdFamName	2
PrvdName	3
EventNxtDt	3
EventNxtTime	3
EventVer	3
EventCalPeriod	3
OFIFileName	4
ConsmArray	4

Introduction

What is in this guide

This guide will cover generation of OFI control files for consuming in ODI.

Who should read this guide

This guide is targeted at those who need to understand or complete the process of generating OFI control files for consumption in ODI.

Specifications

File naming conventions

An OFI control file MUST have the file extension .OFI. Currently there is only one OFI provider contract, EntityMatchBatchResult. An OFI provider control file will follow all other standard ODI provider file naming conventions. An example file name would look like the following:-

123456789_EntityMatchBatchResult_20150605T134350Z_PROD.ofi

File contents

An OFI provider control file is responsible for naming the data file that is to be sent to consumers. Similar to a regular ODI Provider file, an OFI provider control file must contain data in XML format. At this time there is only one contract, EntityMatchBatchResult, and will look like the following:-

```
<EntityMatchBatchResult>
  <OFIProcInfoRec>
    <InstRtId/>
    <InstEnv/>
    <EventTimeDt/>
    <PrvdFamName/>
    <PrvdName/>
    <EventNxtDt/>
    <EventNxtTime/>
    <EventVer/>
    <EventCalPeriod/>
    <OFIFileName/>
    <ConsmArray>
      <ConsmInfoRec>
        <ConsumerName/>
        <TrnRef/>
      </ConsmInfoRec>
    </ConsmArray>
  </OFIProcInfoRec>
</EntityMatchBatchResult>
```

Element Descriptions

InstRtId

Description

The identification of the entity of a submitted message. A financial institution entity will utilize the routing transit or ABA nine (9) digit number assigned to financial institutions for the purpose of routing as assigned by the American Bankers Association. Any leading zeros must be provided for a complete routing and transit number. A non-financial institution entity will use a mutually agreed upon identification that must contain at least one non-integer character. When a record is directed to a specific Financial Institution within a holding company, the institution routing identification is the specific Financial Institution routing identification and not the holding company identification. **Required on all message requests.**

Example

```
<InstRtId>123456789</InstRtId>
```

InstEnv

Description

An identification provided by the consumer that defines the environment in which the institution is operating.

CanonicalVal

PROD

Usage

This is the Environment in which the Institution is operating. Example: [PROD, TEST, AUDIT, SYM001, SYM101, ...] The absence of this element will equate to "PROD" = Production Environment. It will be the responsibility of the sender to send the appropriate data to identify the environment if necessary.

Example

```
<InstEnv>PROD</InstEnv>
```

EventTimeDt

Description

The date and time an event was delivered

Example

```
<EventTimeDt>2015-06-06T13:43:50Z</EventTimeDt>
```

PrvdFamName

Description

The category or group that the event owner is associated with.

CanonicalVal

Core, CardServices, Wires, VR, JES, Fraud, BilPay, CkImg, PltFm, CrCardServices, OLB, DocImg, HumanCapMgmt, CRM

Example

<PrvdFamName>Core</PrvdFamName>

PrvdName

Description

The owner name who submitted an event.

This is a previously assigned value.

Example

<PrvdName>Silverlake</PrvdName>

EventNxtDt

Description

The estimated date of the next delivery of a data extraction.

Example

<EventNxtDt>2015-06-07</EventNxtDt>

EventNxtTime

Description

The estimated time of the next delivery of a data extraction.

Example

<EventNxtTime>12:01:00</EventNxtTime>

EventVer

Description

This is the Version of this contract represented by this XSD.

Example

<EventVer>2015.0</EventVer>

EventCalPeriod

Description

Identifies the time period for an extraction

CanonicalVal

EOM, EOQ, EOY, EOD, NA

Example

<EventCalPeriod>NA</EventCalPeriod>

OFIFileName

Description

The name of the file delivered to OFI.

Behaviour

Only the filename and extension is required. Currently there is no restriction of the type of file that can be used. The file name provided is expected to be in the same folder that the .OFI file was dropped. If the file does not exist on disk when the .OFI file is processed, then it will be skipped.

Example

```
<OFIFileName>2015CreditorReport.pdf</OFIFileName>
```

ConsmArray

Description

An Array (List, Collection) of <ConsmInfoRec> elements listing consumers to be processed for this file.

Behaviour

This element is optional. If omitted or empty, then all registered consumers for this file will be processed. If any consumers are listed, then only those consumers will be processed. If any of the consumers listed are not valid consumers for this file, then they will be skipped. If all consumers specified are invalid, then no consumers will be processed.

Examples

```
<ConsmArray>  
  <ConsmInfoRec>  
    <ValidConsmName>[AssignedValue]</ValidConsmName>  
    <ValidConsmProd>[AssignedValue]</ValidConsmProd>  
    <TrnRef>[Value]</TrnRef>  
  </ConsmInfoRec>  
</ConsmArray>>
```

Or if no consumers are listed

```
<ConsmArray/>
```

ConsmInfoRec

ConsumerName

Description

The name of the service consumer (Business name)

Example

```
<ConsumerName>ARealConsumer</ConsumerName>
```

TrnRef

Description

An applications transactional reference that provides guidance as to the source.

Example

<TrnRef>R34dQ05</TrnRef>