**Potential Match Util User guide**

**The Potential match Extract Tool is used to extract the Reltio Matched Entities OV data from the specified tenant by creating a simple configuration properties file without doing any programming.**

**In this extraction process only those values of an attribute come to the extract file which are having "ov=true" along with Match URIs .**

**The Potential Extract Report can be used for match/merge Analysis.**

**The Link to Download the Jar File :**

[**reltio-pm-extractReport-0.0.3.jar**](https://drive.google.com/open?id=1pAogI7Ffp0oJPhRd5u2Enj1QGv1Tw9ec)

* **Supported Features:**
* **Match Extract overall steps.**
  + **Step 1: Preparing Attribute Properties File**
  + **Step 2: Preparing job configuration file**
  + **Step 3: Running the Jar to Generate the Extract**
* **Output Extract File**

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# Supported Features:

* **This tool extracts entity level attributes specified in the attribute properties file that are simple, nested and reference attributes along with Matched URIs.**
* **Supports only CSV file as output.**
* **Supports Transitive Matches**

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# Potential Match Extract overall steps.

1. **Identify the Reltio Attributes that needs to be extracted to check the Matches and prepare the attribute properties file.**
2. **Create the Job Configuration file which holds output, mapping document path and output file format.**
3. **Execute the jar file with the created Job Configuration Properties file.**

## Step 1: Preparing Attribute Properties File

* + **The Attribute Properties File can be either a properties file or a text file .**
  + **The format of the file is <<Reltio Attribute Name>> = <<No: of values to be extracted>>**
  + **No. of values to be extracted is optional as the default brings one value.**

### **Sample Attribute Properties File :**

FirstName

LastName

Address.AddressLine1

Address.AddressLine2

Address.City

Address.State

Address.Zip5

Identifiers.Type

Identifiers.Id

Etc…

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## Step 2: Preparing job configuration file

**To prepare the job configuration file we need to declare these properties in the job configuration file.**

* **RELTIO\_SERVER\_HOST = <Server Host URL>(Example** [**https://sndbx.reltio.com**](https://sndbx.reltio.com/)**)**
* **TENANT\_ID = <Tenant Id>**
* **AUTH\_URL = <https://auth.reltio.com/oauth/token>**
* **ENTITY\_TYPE = <HCO or HCP or SoldToCustomer or any other entity type for which we are generating the extract>**
* **USERNAME = <Reltio user name of the user>**
* **PASSWORD = <Reltio password ,used to acquire the access token>**
* **OV\_ATTRIBUTE\_FILE\_LOCATION = <The Name of the attribute properties file with its full path>(Example : C:\\QA\_Support\_Internal\\OV and XREF Extract Testing\\ov\\Entity\_Type\_HCO\\product-attributes-ov.properties )**
* **OUTPUT\_FILE\_LOCATION = <The Name of the output extract csv file with its full path>(Example : C:\\QA\_Support\_Internal\\OV and XREF Extract Testing\\ov\\Entity\_Type\_HCO\\tenant\_extract\_HCO.csv)**
* **FILE\_FORMAT = <CSV/Flat>**
* **HEADER\_REQUIRED =Yes <If Header row required in the file or not (Yes/No)>**
* **THREAD\_COUNT = <No. of Threads to be used to take the extract > (Example 20)**
* **BATCH\_SIZE=<max entities to extract per api call>**
* **TRANSITIVE\_MATCH=false<Is Transitive matches required or not (true/false)>**

**Sample Configuration file**

AUTH\_URL=https://auth.reltio.com/oauth/token

USERNAME=mohan.kumar@reltio.com

PASSWORD=

TENANT\_ID=9eBTsa2qL8ZgG7e

RELTIO\_SERVER\_HOST=sndbx.reltio.com

THREAD\_COUNT=20(Recommended)

ENTITY\_TYPE=HCP

OV\_ATTRIBUTE\_FILE\_LOCATION=hcp-mapping.properties

OUTPUT\_FILE\_LOCATION=pm-extracts-hcp.csv

FILE\_FORMAT=CSV

HEADER\_REQUIRED=Yes

BATCH\_SIZE=100

TRANSITIVE\_MATCH=false(Default)

## Step 3: Running the Jar to Generate the Extract

**To run the jar the following command is used :**

**java -jar <<Jar file Name>>(Example : reltio-pm-extractReport-0.0.3.jar ) <<Job Configuration File Name>>(Example : job\_configuration.properties) > <<Name of the log file>>(Example: Tenant\_Extract.log)**

**On Windows**

**java -jar reltio-pm-extractReport-0.0.3.jar job\_configuration.properties > $logfilepath$**

**On Unix**

**nohup java -jar reltio-pm-extractReport-0.0.3.jar job\_configuration.properties > $logfilepath$ 2>&1 &**

# **Output Extract File**

**The output CSV extract file contains the attributes which were defined in the attribute properties file along with the Matched record URI for all the entities from tenant .Sample output extract file :**

[**TRANSITIVE\_pm-extracts-hcp.csv**](https://drive.google.com/open?id=1irSWCqM07EaAFvjs3ghb_8EV8_bWH3Cr)

[**NON-TRANSITIVE\_pm-extracts-hcp.csv**](https://drive.google.com/open?id=1KtnA8Xe1RVZ7TBPxn9ovG3mZVeCZczoj)