**Process : New Account On Boarding:**

* Monitor the folder **(input)** for file ( Actual File and equivalent control file)
* Reading the file content as per the specifications and insert data into database
* Once the file is read we need to move the file into folder (**processed**)
* If there is any error in the file content move the file into the folder ( **error**)
* One file can contain more than one account information.
* File can contain Arabic Characters as well

**PFA file for your reference**

* **exp\_18\_40374\_1.1**: File with account and customer details
* **control\_18\_40374.20170724030054**: This is the control file related to original file.
* **ReadInboundPastDueInvoicesFile.xls**: File definition about attributes, their sequence number and content type.

Sample account from file **exp\_18\_40374\_1.1**:

ENA,20170724030001  Start Account

ACC,5071055800,1,20,TA,20170723153229,344829985,I,,1,SAR,20161006000000,B,I,0.00,2075.30,400.00,35,RB

UCI,5071055800,0.00,0.00,0.00,0.00

CAT,344829985,CUSTOMER\_TYPE,Business

CAT,344829985,CUSTOMER\_SUBTYPE,Large

….

….

INV,5071055800-006,5071055800,F,20170701000000,20170701,1040.25,1040.25

PMT,5071055800,1,1,,1559.00,20170208,20170208115126,,,16,,,,F,1

PMT,5071055800,2,1,,2913.11,20170525,20170525111848,,,,,,,F,4

ADJ,5071055800,1,,A,20170723,0.00,-1

SRC,344829985,5071055800,543497038,20161010000000,20170723000000,1,Wireless

ADR,344829985,5071055800,15,Õ.È.7330,,ÌÏç,  ,,21462,34,Saudi Arabia

ZYX  End Account.

ENA,20170724030001 Start Account

ACC,5072811803,1,23,TA,20170723152429,7017200483,I,,1,SAR,20161031000000,B,I,0.00,1458.61,400.00,35,RB

UCI,5072811803,0.00,0.00,0.00,0.00

CAT,7017200483,CUSTOMER\_TYPE,Business

CAT,7017200483,CUSTOMER\_SUBTYPE,New Enterprise

CAT,7017200483,LOYALTY\_SCHEME\_ID,

….

INV,5072811803-007,5072811803,F,20170518000000,20170518,206.29,206.29

INV,5072811803-008,5072811803,F,20170617000000,20170617,7.29,7.29

INV,5072811803-009,5072811803,F,20170716000000,20170716,7.29,7.29

SRC,7017200483,5072811803,831047425968,20161101000000,20170723000000,1,Wireless

ADR,7017200483,5072811803,2,Õ.È.052212,,ÈêÔÉ - åæ×âÉ ÙÓêÑ,  ,,61922,34,Saudi Arabia

ZYX  End Account.

Filter out Record ID column for **ACC** record from **ReadInboundPastDueInvoicesFile.xls** to know the sequence of fields and their format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RECORD\_ID** | **FIELD\_NAME** | **FIELD\_ORDER\_NBR** | **FIELD\_FORMAT\_TYPE** | **FIELD\_DECIMAL\_DIGITS** | **FIELD\_REQRD\_FLAG** |
| **ACC** | REC\_TYPE | 1 | C |  | Y |
| **ACC** | ACCT\_NBR | 2 | C |  | Y |
| **ACC** | COMM\_SVC\_AREA\_ID | 3 | C |  | Y |
| **ACC** | CR\_CLASS\_CD | 4 | C |  | Y |
| **ACC** | ACCT\_STATUS\_ID | 5 | C |  | Y |
| **ACC** | ACCT\_STATUS\_EFF\_DT | 6 | C |  | Y |
| **ACC** | CUST\_ID | 7 | C |  | Y |
| **ACC** | CUST\_TYPE\_IND | 8 | C |  | Y |
| **ACC** | BUS\_NAME | 9 | C |  | N |
| **ACC** | CUST\_TYPE\_ID | 10 | C |  | Y |
| **ACC** | CRNCY\_CD | 11 | C |  | Y |
| **ACC** | CUST\_ACCT\_ESTAB\_DT | 12 | C |  | Y |
| **ACC** | ACCTNG\_MTHD\_CD | 13 | C |  | Y |
| **ACC** | BALANCE\_REPORTING\_LVL | 14 | C |  | Y |
| **ACC** | WRITE\_OFF\_AMT | 15 | D | 2 | Y |
| **ACC** | CHSBL\_AMT | 16 | D | 2 | Y |
| **ACC** | CREDIT\_LIMIT\_AMT | 17 | D | 2 | Y |
| **ACC** | BILLING\_SYSTEM\_IND | 19 | C |  | Y |
| **ACC** | PYMT\_MTHD\_ID | 18 | C |  | Y |

Sample File :

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ENI,20170722030000

ACC,1234567890,1,28,TX,20170721050922,853400319,I,,1,SAR,20170426000000,B,I,0.00,480.00,200.00,35,RB

UCI,1234567890,0.00,0.00,0.00,0.00

INV,5086924066-003,1234567890,F,20170717000000,20170721,160.00,160.00

ZYX

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please observe the file content related to **ACC** which is highlighted with the details mentioned in the below table.

In the excel sheet it is mentioned that ACC record should contain 19 fields and the sequence in which the fields are expected in the file.

* If there are less than 19 fields in that row then it is not a valid.
* Field CHSBL\_AMT i.e. 16th position expected decimal and if doesn’t contain decimal then it is an error.
* Field CUST\_TYPE\_IND i.e. 8th position expected mandatory and if doesn’t contain any value then it is an error.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| RECORD\_ID | FIELD\_NAME | FIELD\_ORDER\_NBR | FILE\_CONTENT | FIELD\_FORMAT\_TYPE | FIELD\_REQRD\_FLAG |
| ACC | REC\_TYPE | 1 | ACC | C | Y |
| ACC | ACCT\_NBR | 2 | 1234567890 | C | Y |
| ACC | COMM\_SVC\_AREA\_ID | 3 | 1 | C | Y |
| ACC | CR\_CLASS\_CD | 4 | 28 | C | Y |
| ACC | ACCT\_STATUS\_ID | 5 | TX | C | Y |
| ACC | ACCT\_STATUS\_EFF\_DT | 6 | 20170721050922 | C | Y |
| ACC | CUST\_ID | 7 | 853400319 | C | Y |
| ACC | CUST\_TYPE\_IND | 8 | I | C | Y |
| ACC | BUS\_NAME | 9 |  | C | N |
| ACC | CUST\_TYPE\_ID | 10 | 1 | C | Y |
| ACC | CRNCY\_CD | 11 | SAR | C | Y |
| ACC | CUST\_ACCT\_ESTAB\_DT | 12 | 20170426000000 | C | Y |
| ACC | ACCTNG\_MTHD\_CD | 13 | B | C | Y |
| ACC | BALANCE\_REPORTING\_LVL | 14 | I | C | Y |
| ACC | WRITE\_OFF\_AMT | 15 | 0 | D | Y |
| ACC | CHSBL\_AMT | 16 | 480 | D | Y |
| ACC | CREDIT\_LIMIT\_AMT | 17 | 200 | D | Y |
| ACC | PYMT\_MTHD\_ID | 18 | 35 | C | Y |
| ACC | BILLING\_SYSTEM\_IND | 19 | RB | C | Y |