

BATCH CLIENT

Description and usage

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TABLE OF CONTENTS

Introduction.....	3
Parameters.....	4
Using RefreshData.....	5
Needed parameters.....	5
Example.....	5
KMD regeneration.....	6
Needed parameters.....	6
Example.....	6
CPR Direct regeneration.....	7
Needed parameters.....	7
Example.....	7
Regeneration of child tables.....	8
Needed parameters.....	8
Example.....	8
Creating the data file.....	9
DPR with foreign nationalities.....	9

INTRODUCTION

This application loops through a set of CPR numbers, and does various actions for each, depending on the parameters

Each attempt to run the program will create a folder "Runslyyyy MM dd HH_mm" that contains

Registrations folder	Usually contains the PersonRegistration objects of people in XML format. Be sure to delete this folder as soon as you are done, or it will cause a security hole
Succeeded.txt	CPR numbers that succeeded
Failed.txt	CPR numbers that failed
Log.txt	Program log, contains progress and exceptions

1PARAMETERS

BatchClient.exe param1 param1Value param2 param2Value

/envType	Type of object to create. Should be inherited from CprBroker.Utilities.ConsoleApps.ConsoleEnvironment
/source	File name that contains all cpr numbers, each on a single line
/startPnr	Ignore the cpr numbers before this number. This can be used if you want to restart the process from the middle, rather than repeat the whole batch again
/partUrl	URL to Part.asmx
/brokerDb	Connection string to CPR broker database
/otherDb	Connection string to any other database (depends on actual task)
/appToken	Application token passed to CPR broker
/userToken	User token passed to CPR broker
/pmUrl	URL to PersonmasterServiceLibrary.BasicOp.svc
/pmSpn	SpnName to be used with person master
/maxThreads	Number of concurrent threads to execute

2USING REFRESHDATA

2.1 Needed parameters

/endType, /source, /partUrl, /appToken, /userToken

2.2 Example

```
BatchClient.exe /envType "BatchClient.RefreshData, BatchClient" /source  
"data1.txt;data2.txt" /partUrl "http://cprbroker/Services/Part.asmx" /appToken  
"11111111-2222-3333-4444-555555555555" /userToken MyUser
```

3KMD REGENERATION

This service recreate the PART standard object for persons retrieved from KMD. It will regenerate the XML in column PersonRegistration.Contents from column PersonRegistration.SourceObjects. The program will automatically read the relevant records from PersonRegistration table. These records are those who come from KMD based on ActorRef.Value

3.1Needed parameters

/endType, /brokerDb, /appToken, /userToken (optional)

3.2Example

```
BatchClient.exe /envType "BatchClient.RegenerateKMD, BatchClient" /brokerDb "data  
source=dbserver; initial catalog=cprbroker; integrated security=sspi; user id=;  
password=;" /appToken "11111111-2222-3333-4444-555555555555" /userToken MyUser
```

4 CPR DIRECT REGENERATION

This service recreate the PART standard object for persons retrieved from KMD. It will regenerate the XML in column PersonRegistration.Contents from column PersonRegistration.SourceObjects. The program will automatically read the relevant records from PersonRegistration table. These records are those who come from CPR Direct based on ActorRef.Value.

Records that come from extracts are re-read from the ExtractItem table, records that come from TCP interfae are re-read from SourceObject column.

4.1 Needed parameters

/endType, /brokerDb, /appToken, /userToken (optional)

4.2 Example

```
BatchClient.exe /envType "BatchClient.RegenerateCprDirect, BatchClient" /brokerDb "data  
source=dbserver; initial catalog=cprbroker; integrated security=sspi; user id=  
password=;" /appToken "11111111-2222-3333-4444-555555555555" /userToken MyUser
```

5 REGENERATION OF CHILD TABLES

Person data is stored twice in the database. Once in the PersonRegistration.Contents column, and also in normalized child tables of PersonRegistration.

If Contents column is changed, then we need to re-set the child rows in order to match the new contents.

5.1 Needed parameters

/endType, /brokerDb, /appToken, /userToken (optional)

5.2 Example

BatchClient.exe /envType "BatchClient.RegenerateChildren, BatchClient" /brokerDb "data source=dbserver; initial catalog=cprbroker; integrated security=sspi; user id=; password=;" /appToken "11111111-2222-3333-4444-555555555555" /userToken MyUser

6CREATING THE DATA FILE

The data file should usually be a text file, with each entry on a single line. This remainder of this chapter will list some ways of querying databases for the records that have some criteria.

6.1DPR with foreign nationalities

Run this inside DPR database

```
SELECT PNR from DTTOTAL T where
(
  NOT EXISTS(select * from DTSTAT S where S.PNR=T.PNR and s.ANNKOR is null
and HAENSLUT is null)
)
OR
(
  EXISTS (select * from DTSTAT S where S.PNR=T.PNR and s.ANNKOR is null and
HAENSLUT is null and S.MYNKOD <> 5100)
)
```

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