

Oracle FLEXCUBE Core Banking

FLEXCUBE Common Setup/Extract
User Guide

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FLEXCUBE Common Setup/Extract User Guide
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Introduction

Purpose

This document lists the processes to build the common setup for Flexcube system in the database side. And it also provides a tool for extracting the day0 data into scripts.

Related Documents

N/A

Document Details

Preparation

1. Installed JDK1.6 or JDK1.7. Currently not support JDK1.8 or above.
2. Get the data scripts ready. Currently all the DB scripts are included in the Java builder, if any scripts need to be updated please kindly provide it to the [Partner Support Team](#) to re-build the new jar. Or please re-build the new jar by following the steps in [Oracle FLEXCUBE Common Setup Tool Builder Guide v1.0.doc](#)
3. Copy the contents from the Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0.zip file in to C or D drive (root Folder) on the computer. Right click on this file and select option to unzip the file with option as 'Extract Here'. This will create a new folder 'Relarea_Encrypted' and extract the files under this folder.
4. Go to the path
"Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0\Relarea_Encrypted\flexcube\install\Utils\CommonSetup\
\"
5. For Windows platform , please change the schema and database connection details and run RunCommonSetup-Windows.cmd/ RunCommonExtract-Windows.cmd present in the CommonSetup folder. Please refer to the "Common Setup Overview" section.
6. For Linux platform, please change the schema and database connection details which are highlighted in red in shell RunCommonSetup-Linux.sh / RunCommonExtract-Linux.sh present in the CommonSetup folder and run it.

Important Note:

- Please check the file permissions for these shells before running. Execute permission should be granted to the shell file.
- Please make sure the shell file is in "UNIX" format instead of "Windows" format. You can convert the format by "Notepad++" software via "Edit -> EOL Conversion -> Convert to UNIX format"

RunCommonSetup-Linux.sh:

Set data schema, currently supports[HOST, BRANCH] only.
DB_SCHEMA=HOST

Set data user.
DB_USERNAME=C51HITR1

Set data password.
DB_PASSWORD=oracle

Set data connecting URL.
DB_URL=jdbc:oracle:thin:@infbjm267.cn.oracle.com:1521:PRECUTOFF4

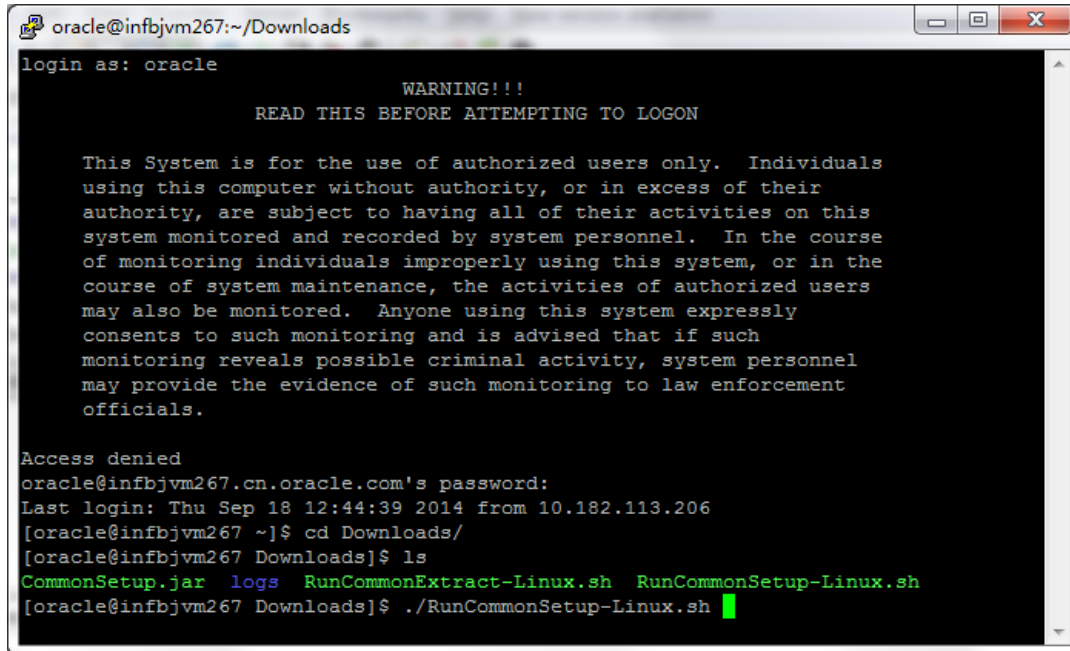
Set language and update the products in this language, currently supports[ENG, CHN] only.
LANGUAGE=CHN

Set data scope, currently supports[ALL, BASIC, PRODUCT] only.
DATASCOPE=ALL

```
# Set entity code, default value is 1.
ENTITY_CODE=1
```

```
echo ----- Run Flexcube Common Setup -----
echo all log files will be placed in path [./logs/commonsetup_host.log, ../logs/commonsetup_branch.log]
```

```
java -cp CommonSetup.jar com.iflex.fcr.tools.commonsetup.util.CommonSetupExcutor "$DB_SCHEMA"
"$DB_USERNAME" "$DB_PASSWORD" "$DB_URL" "$LANGUAGE" "$DATASCOPE" "$ENTITY_CODE"
```



```
oracle@infbjvm267:~/Downloads
login as: oracle

WARNING!!!
READ THIS BEFORE ATTEMPTING TO LOGON

This System is for the use of authorized users only. Individuals
using this computer without authority, or in excess of their
authority, are subject to having all of their activities on this
system monitored and recorded by system personnel. In the course
of monitoring individuals improperly using this system, or in the
course of system maintenance, the activities of authorized users
may also be monitored. Anyone using this system expressly
consents to such monitoring and is advised that if such
monitoring reveals possible criminal activity, system personnel
may provide the evidence of such monitoring to law enforcement
officials.

Access denied
oracle@infbjvm267.cn.oracle.com's password:
Last login: Thu Sep 18 12:44:39 2014 from 10.182.113.206
[oracle@infbjvm267 ~]$ cd Downloads/
[oracle@infbjvm267 Downloads]$ ls
CommonSetup.jar  logs  RunCommonExtract-Linux.sh  RunCommonSetup-Linux.sh
[oracle@infbjvm267 Downloads]$ ./RunCommonSetup-Linux.sh
```

RunCommonExtract-Linux.sh:

```
# Set data schema, currently supports[HOST, BRANCH] only.
DB_SCHEMA=HOST
```

```
# Set data user.
DB_USERNAME=C51HITR1
```

```
# Set data password.
DB_PASSWORD=oracle
```

```
# Set data connecting URL.
DB_URL=jdbc:oracle:thin:@infbjvm267.cn.oracle.com:1521:PRECUTOFF4
```

```
# Set entity code, default value is 1.
ENTITY_CODE=1
```

```
# Set scripts save path.
SAVE_PATH=/home/oracle/Downloads
```

```
echo ----- Run Flexcube Common Extract -----
echo all log files will be placed in path [./logs/commonextract_host.log, ../logs/commonextract_branch.log]
```

```
java -cp CommonSetup.jar com.iflex.fcr.tools.commonsetup.util.CommonExtractExcutor "$DB_SCHEMA"
"$DB_USERNAME" "$DB_PASSWORD" "$DB_URL" "$ENTITY_CODE" "$SAVE_PATH"
```

```

oracle@infbjvm267:~/Downloads
login as: oracle

WARNING!!!
READ THIS BEFORE ATTEMPTING TO LOGON

This System is for the use of authorized users only. Individuals
using this computer without authority, or in excess of their
authority, are subject to having all of their activities on this
system monitored and recorded by system personnel. In the course
of monitoring individuals improperly using this system, or in the
course of system maintenance, the activities of authorized users
may also be monitored. Anyone using this system expressly
consents to such monitoring and is advised that if such
monitoring reveals possible criminal activity, system personnel
may provide the evidence of such monitoring to law enforcement
officials.

Access denied
oracle@infbjvm267.cn.oracle.com's password:
Last login: Thu Sep 18 12:44:39 2014 from 10.182.113.206
[oracle@infbjvm267 ~]$ cd Downloads/
[oracle@infbjvm267 Downloads]$ ls
CommonSetup.jar logs RunCommonExtract-Linux.sh RunCommonSetup-Linux.sh
[oracle@infbjvm267 Downloads]$ ./RunCommonExtract-Linux.sh

```

Common Setup Overview

The image shows a file explorer window titled '新建文件夹' (New Folder) containing the following files:

名称	修改日期	类型	大小
CommonSetup.jar	9/17/2014 5:56 ...	JAR 文件	6,558 KB
RunCommonExtract-Linux.sh	9/18/2014 1:12 ...	Shell Script	1 KB
RunCommonExtract-Windows.cmd	6/17/2014 4:51 ...	Windows 命令脚本	1 KB
RunCommonSetup-Linux.sh	9/18/2014 1:12 ...	Shell Script	1 KB
RunCommonSetup-Windows.cmd	6/17/2014 4:51 ...	Windows 命令脚本	1 KB

Below the file explorer is the 'Flexcube Common Setup' dialog box with the following configuration:

- Schema:** Most Branch
- Username:** C51HIR1
- Password:** oracle
- URL:** @infbjvm267.cn.oracle.com:1521:PRECUTOFF4
- Language:** English Chinese
- Data Scope:** All System
- Entity Code:** 1

Buttons: Confirm, Cancel

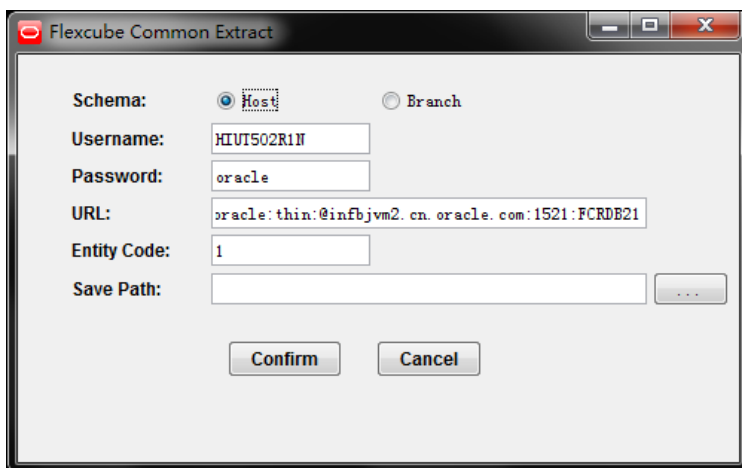
This Common Setup is used to replace the system day0 data. Password is “**QUALITY**” for all the users to login branch after common setup. There are three cases for this Common Setup:

- I) **Schema:** Currently supports [**Host, Branch**] two schema. If you need to run both of them in the same time, please open two windows.
- II) **Username/Password/URL:** Database connection details.
- III) **Language:** Update the product name in this language, currently supports [**ENG, CHN**] only.
- IV) **Data scope:**
 - a) **All System:** Setup a totally new environment, need to replace all the data (means delete all the data and insert all the data).
 - b) **Basic Only:** Setup a totally empty environment without any product data (means delete all the data and insert all the data for the system without product data).
 - c) **Product Only:** Only replace the product data but not all the data (The table which will be impact please first check the “Flexcube Common Setup Product Data Check.xls” or delete_table_host.sql).
- V) **Entity code:** Can be changed and default value is 1.

Make sure your requirement meet one of the cases and then choose the proper selection to setup the database. **Especially**, for the option c) of data scope, as the table list include branch, calendar, user profile and so on, so please make sure whether it is proper for your requirement.

Any suggestion, please kindly provide to the provider of the common setup.

Common Extract Overview



Common extract is used to extract all the day0 data from the existing DB.

- I) **Schema:** Currently supports [**Host, Branch**] two schema. If you need to run both of them in the same time, please open two windows.

- II) **Username/Password/URL:** Database connection details.
- III) **Entity code:** Can be changed and default value is 1.
- IV) **Save path:** The save path for the extracted DB scripts.

Logs Check

Both of the logs for Host schema and Branch schema can be found under following path. *{path}* is related to the location of the bootstrap (CommonSetup.jar)

Report for both the host and branch will be generated after bootstrap run completely. Expect table and rows in the table will be listed in the report. If there any mismatched tables in the report please check the reason by the log.

{path}/logs/commonsetup_host.log

{path}/logs/commonsetup_branch.log

{path}/logs/commonextract_host.log

{path}/logs/commonextract_branch.log

{path}/logs/branch_schema_report.txt

{path}/logs/host_schema_report.txt

Chinese Check

Please login to the host schema and execute the query to check the Chinese data as below:

```
Select * from ba_err_defs where cod_lang='CHN';
```

Also, please execute the query like below and try to update to check if any error like not 'UTF8' happen:

```
Select * from ba_err_defs where cod_lang='CHN' for update;
```

Note: If this happen, then it will only happen one time after you login, you can re-login to check again.

Note: If the Chinese words are not showed properly or the not 'UTF8' error is coming up, please turn to Partner Support Team.

Product Check

Please login to the host schema and execute the query to check the Chinese data as below:

```
Select * from ch_prod_mast;
```

```
Select * from td_prod_mast;
```

```
Select * from ln_prod_mast;
```

Note: If no data found in this 3 tables, please manually insert the data from the file under:
<Common Setup>\others\host.

As to English user, Chinese product name may not be proper, please execute the scripts under <Common Setup>\others\scripts\ProductName\ENG to update the product name to English or execute the scripts under <Common Setup>\others\scripts\ProductName\CHN to update the product name to Chinese.

Others

If Flexcube localization package is already done in the existing setup/database, please manually execute the scripts in the others folder, e.g.: <Common Setup>\others\localization

Please execute the files in host folder in host schema using PL/SQL or other tools.

Please execute the files in branch folder in branch schema using PL/SQL or other tools.

To get Flexcube SMS User list – please execute the following SQL Query using PL/SQL or other tools –

```
select cod_user_id from sm_user_profile;
```

Password is “**QUALITY**” for all the users to login branch after common setup.