Cacure and CureETL – Quick Setup for Developers

1. You will need to have the following on your machine:
   1. postgresql 8.4+
   2. jdk 1.6
   3. FormBuilder database should be available
   4. Cure Collector web application should be running
2. Pentaho PDI setup
   1. Create a user called pentaho that has sudo privileges. Use this user for Pentaho setup.
   2. Unzip Pentaho PDI CE 4.3 under the home folder. Folder will be called data-integration
   3. Rename the folder to PDI-4.3.
   4. Get the ETL code from Subversion and copy it to your Home Directory under a directory called “cure\_etl”.
   5. Open ..cure\_etl/conf/PROCESS\_XML.properties and change configuration parameters accordingly.
      1. You will have to change only these properties:
         1. JOBRUN\_FOLDER – The root folder for the ETL process
         2. IN\_FOLDER – The directory where input files will be placed
         3. #Email Notification section (use sample as a guide)
         4. #URL section (use sample as a guide)
   6. Open ..cure\_etl/bin/main.sh and change path settings accordingly.
      1. You will only have to change the first property, HOME\_DIR
   7. Create a new folder under cure\_etl called “simple-jndi”.
      1. In this folder, create a new file called jdbc.properties.
      2. Provide database configuration details in this file. Use the content below as a guide.

# JNDI for two DBs

hcit\_FormBuilder/type=javax.sql.DataSource

hcit\_FormBuilder/driver=org.postgresql.Driver

hcit\_FormBuilder/url=jdbc:postgresql://localhost:5432/FormBuilder

hcit\_FormBuilder/user=fbdev

hcit\_FormBuilder/password=<password>

hcit\_cacure/type=javax.sql.DataSource

hcit\_cacure/driver=org.postgresql.Driver

hcit\_cacure/url=jdbc:postgresql://localhost:5432/cacure

hcit\_cacure/user=cacure

hcit\_cacure/password=<password>

* 1. Setup cron to run ..cure\_etl/bin/main.sh every 15 mins.
  2. Setup cron to run ..cure\_etl/bin/notify.sh every 15 mins.

1. ETL Database setup
   1. Using the Postgres schema user for FormBuilder (for example – “fbdev”), login to the FormBuilder database and execute cure\_etl/db/etl\_formbuilder.sql. This should create a new schema called “fileprocess”.
   2. Using the Postgres schema user for Cure Collector (for example – “cacure”), login to the FormBuilder database and execute cure\_etl/db/etl\_cacure.sql. This should update the cacure schema.
   3. The following 2 tables must be populated with appropriate data:
      1. User\_grp\_mapping: Provide data which maps users to CURE Collector Group IDs.
      2. Sn\_mapping: Provide data which maps CURE FormBuilder question shortnames to your own question shortnames.