# MOTS Project Install and Test

* Install Pentaho Data Integration 4.2.1
* Install Oracle Database Server
* Create database
  + Create an oracle user for the MOTS database (e.g., MOTS)
    - …\trunk\kettle\MOTS\main\scripts\create\_users.sql
    - If you create a new user, make sure that you update jdbc.properties
  + Create tablespaces
    - …\trunk\kettle\MOTS\main\scripts\create\_tablespaces.sql
  + Create segment database as MOTS
    - …\trunk\kettle\MOTS\main\scripts\create\_mots\_dimensional\_database.sql
    - …\trunk\kettle\MOTS\main\scripts\create\_mots\_staging\_database.sql
  + Create generic metric database as MOTS
    - …\trunk\kettle\MOTS\main\scripts\create\_mots\_generic\_database.sql
* Create local folders for file processing
  + Create the following directory structure under the root directory of your choice:
    - MOTS
      * maxdat
        + Complete
        + Error
        + Inbound
        + Processing
      * Template
        + Complete
        + Error
        + Inbound

v2

* + - * + Processing

v2

* Add MOTS kettle properties to your kettle.properties file
  + …\trunk\kettle\kettle.properties
  + Modify kettle.properties as necessary for your environment.
    - E.g., DB\_MOTS\_ …
    - cc.mots.main.directory=[svn repo directory]\\maxdat\\Contact Center\\trunk\\kettle\\MOTS\\main
    - cc.mots.test.directory=[svn repo directory]\\maxdat\\Contact Center\\trunk\\kettle\\MOTS\\test
    - cc.mots.file.directory=[file processing directory]\\MOTS
    - cc.mots.template.directory=[file processing directory]\\MOTS\\Template
    - cc.mots.maxdat.directory=[file processing directory]\\MOTS\\maxdat
* Initialize database tables via initialize job
  + ...\trunk\kettle\MOTS\main\jobs\initialization\initialize\_Contact\_Center.kjb
* Load historical HIX Contact Center Metrics into Generic model
  + ...\trunk\kettle\MOTS\main\jobs\initialization\load\_MOTS\_Generic.kjb
* Test Metric template spreadsheet ETL
  + Move test file into mots inbound directory
    - The test file can be found here: …\trunk\kettle\source-systems\weekly-project-metrics\20131217\_HIX Contact Center\_Project\_Template.xlsx
    - The inbound directory is defined in kettle.properties as: cc.mots.template.directory\Inbound
  + Run metric spreadsheet job
    - …\trunk\kettle\MOTS\main\jobs\execute\_load\_Metric\_Spreadsheet\_v2.kjb