Setup TDI/Connections 4.5 Development Environment on Linux and import photos from LDAP Server to Connections Profiles

1 – Setup TDI

This article show how to install the TDI 7.1 on Linux RedHat.

Instead of fixpack 5, i installed the fixpack 6 with the same steps.

My Connections server is 4.5 and running on Centos 6.3 using DB2 as RDBMS and ITDS 6.3 as LDAP Server .

2 – Setup the development environment

Create a folder called TDISOL. I create bellow the /opt/IBM. My TDI was installed on /opt/IBM/TDI.

Copy the tdisol.tar into TDISOL folder and extract the content using tar -xvf tdisol.tar

Go to /opt/ibm/TDISOL/TDI and edit the file profiles_tdi.properties and update the following lines according your environment:

source_ldap_url=ldap://<ldapserver>:389

source_ldap_user_login=<binduser>

source_ldap_search_base=<search base> ex: dc=acme,dc=com

dbrepos_jdbc_url=jdbc:db2://<db2hostname>:50000/peopledb

dbrepos_jdbc_driver=com.ibm.db2.jcc.DB2Driver

dbrepos_username=lcuser

dbrepos_password=<password>

I got some erros when i start the TDI configuration editor.

Check the solution.properties file and verify the value of api.remote.naming.port .

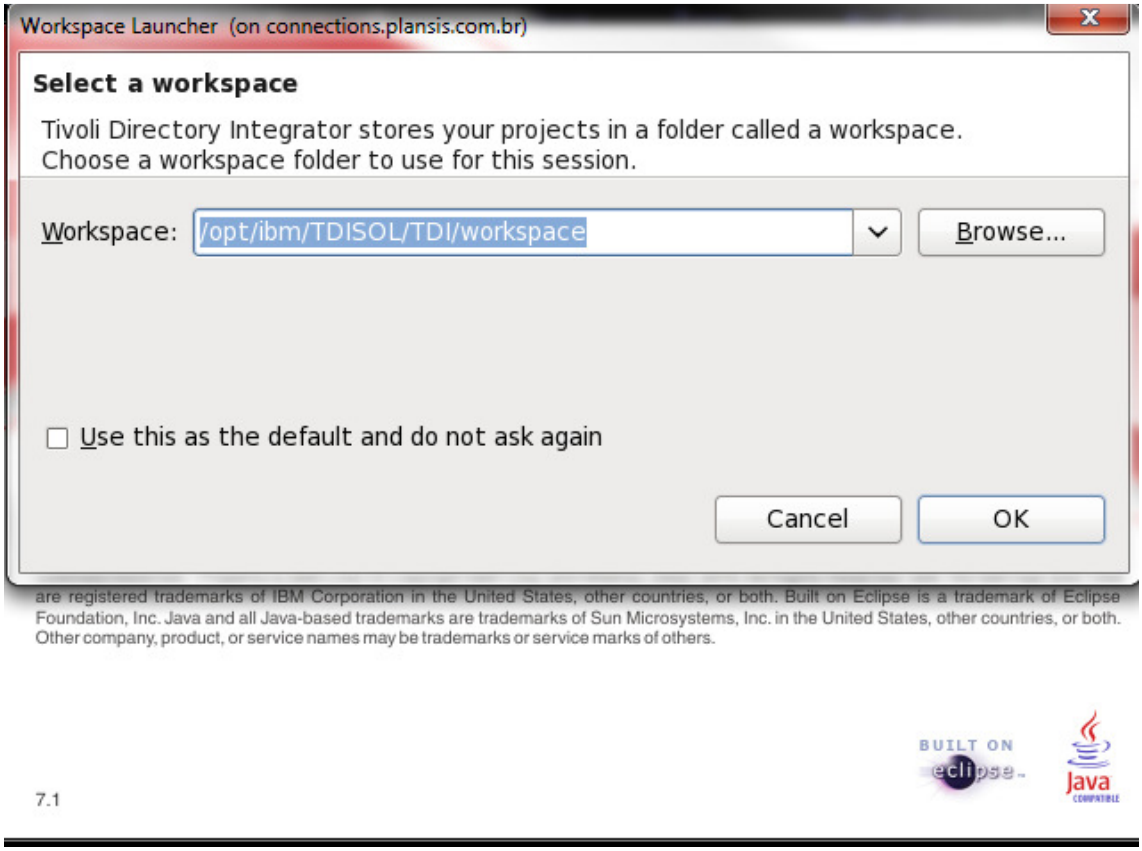
The value must be the TDI Server port. The default is 1099.

3 – Start the configuration editor

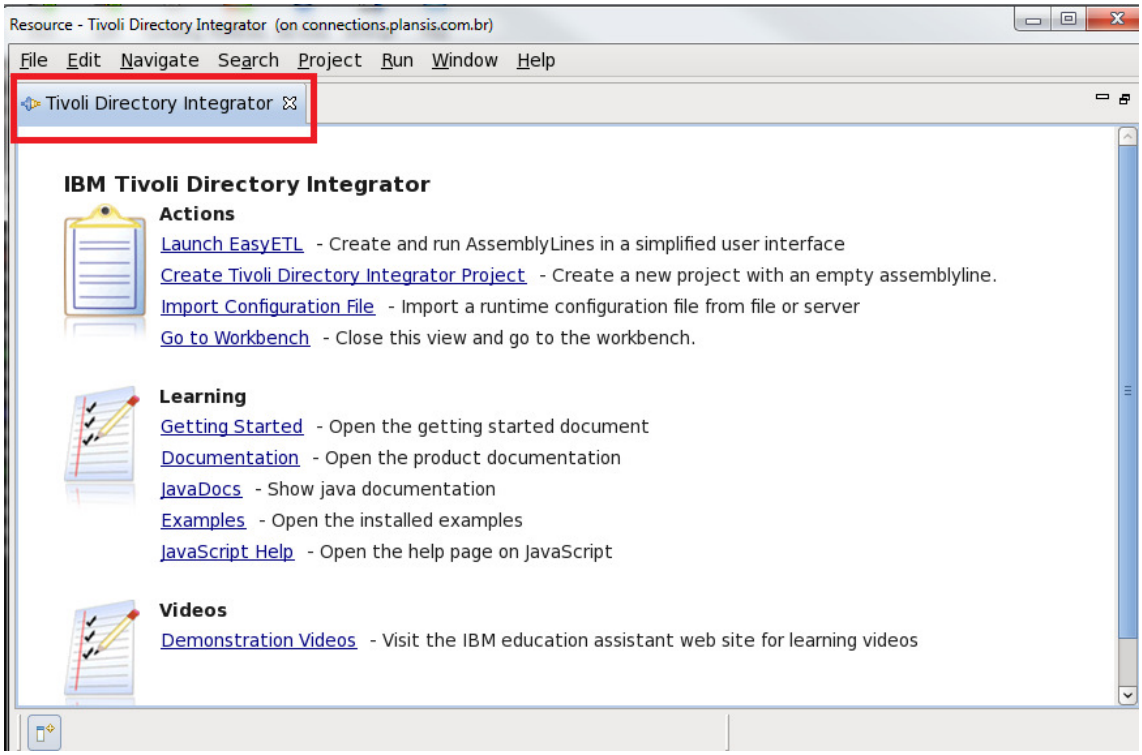
Go to TDI Serever folder /opt/IBM/TDI/V7.1 and type

./ibmditk –s /opt/IBM/TDISOL/TDI

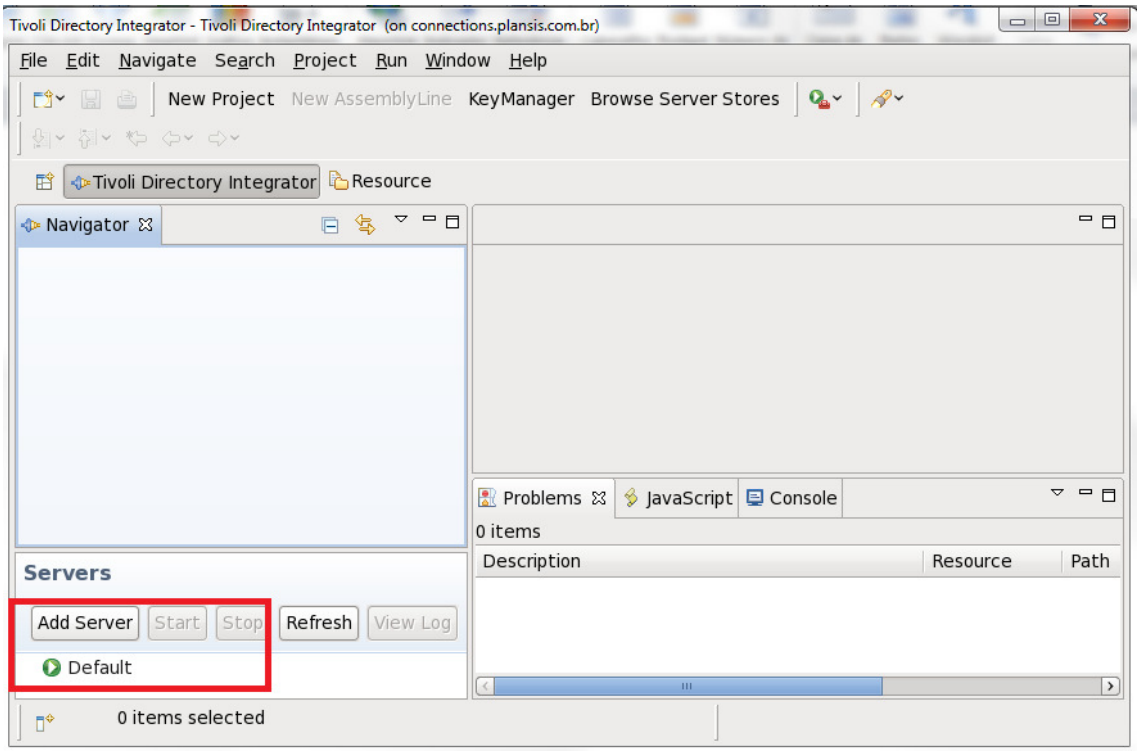
You need to create the workspace. Create the workspace bellow the /TDISOL/TDI/



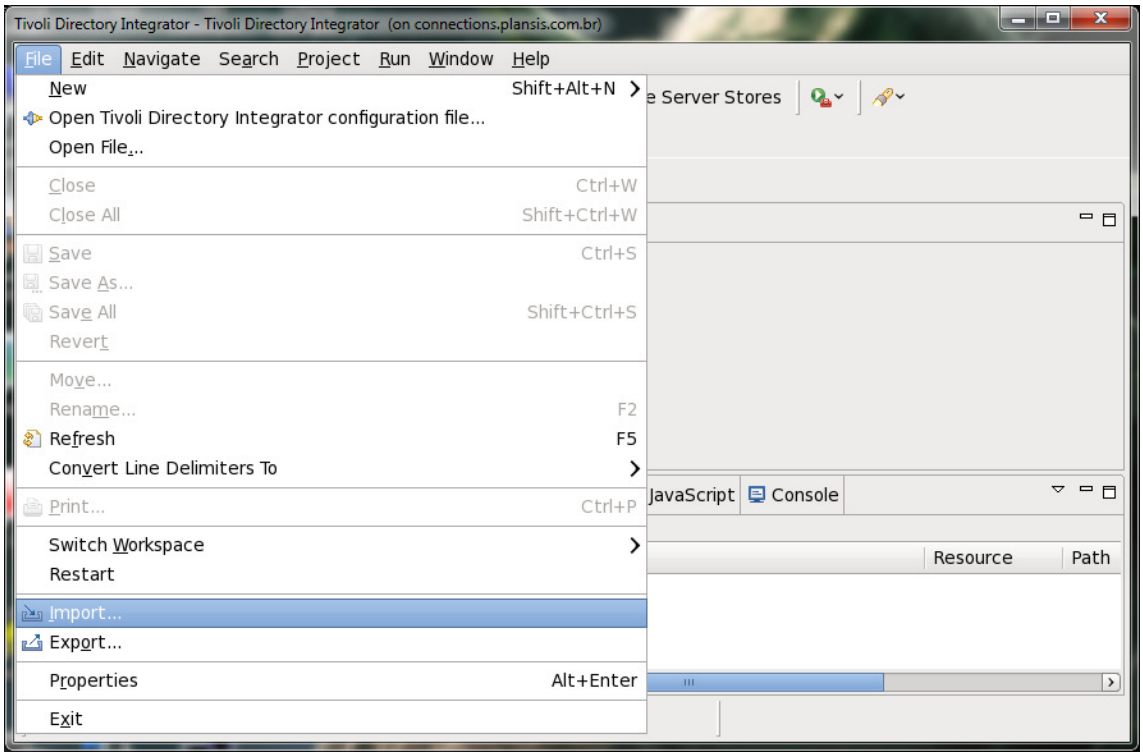
Close this window and start your project

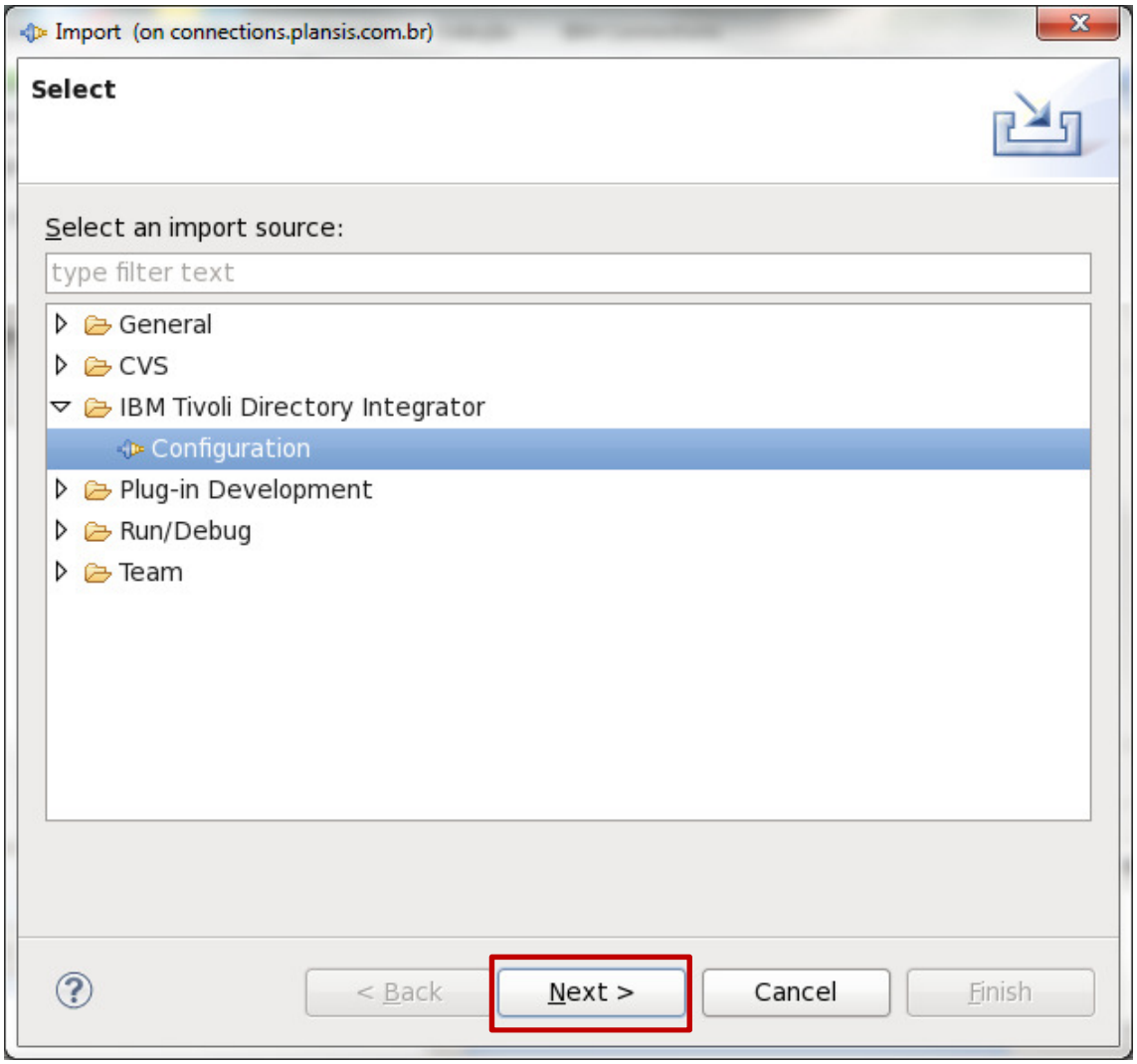


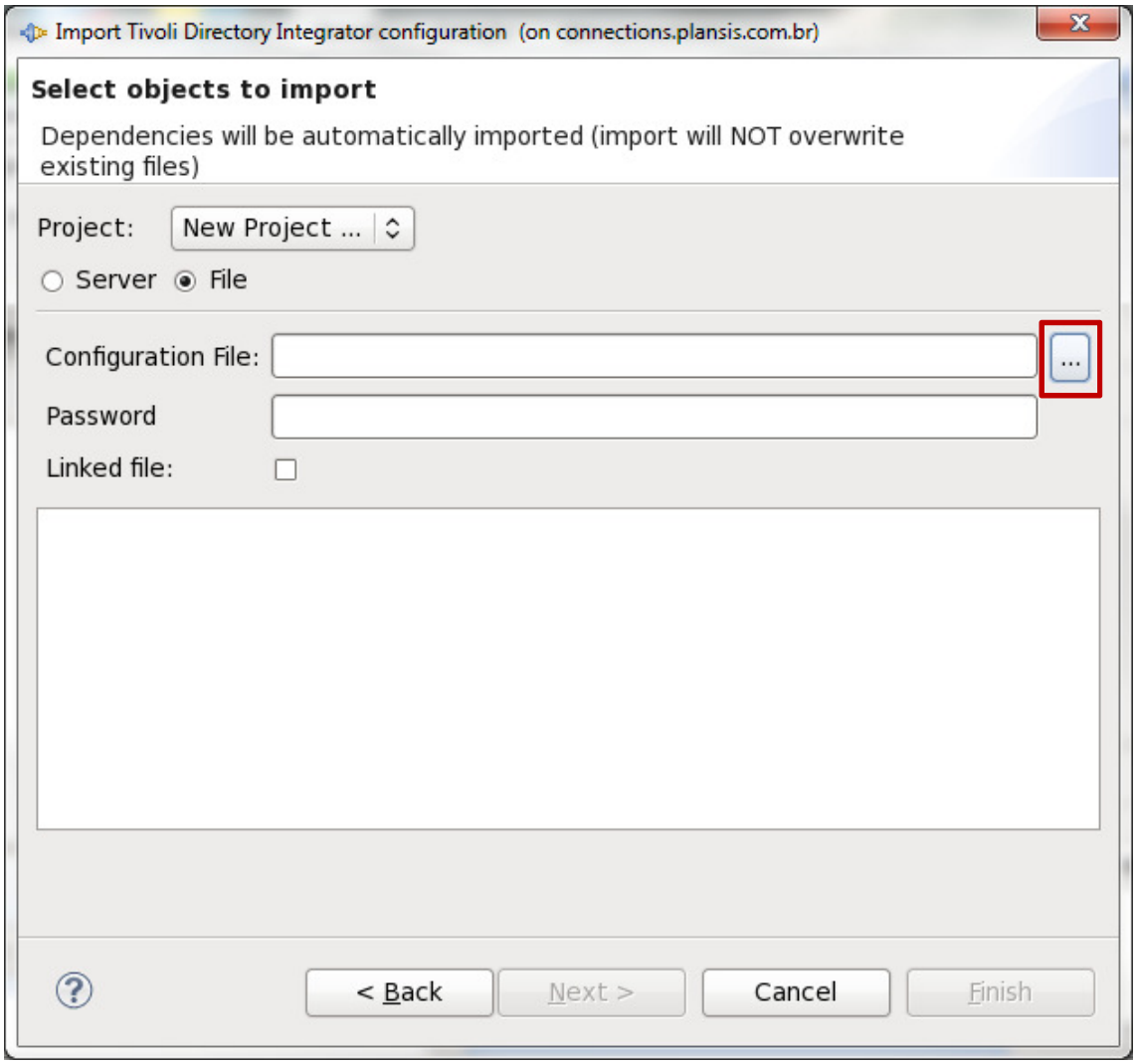
Warning! You must see your default server started!

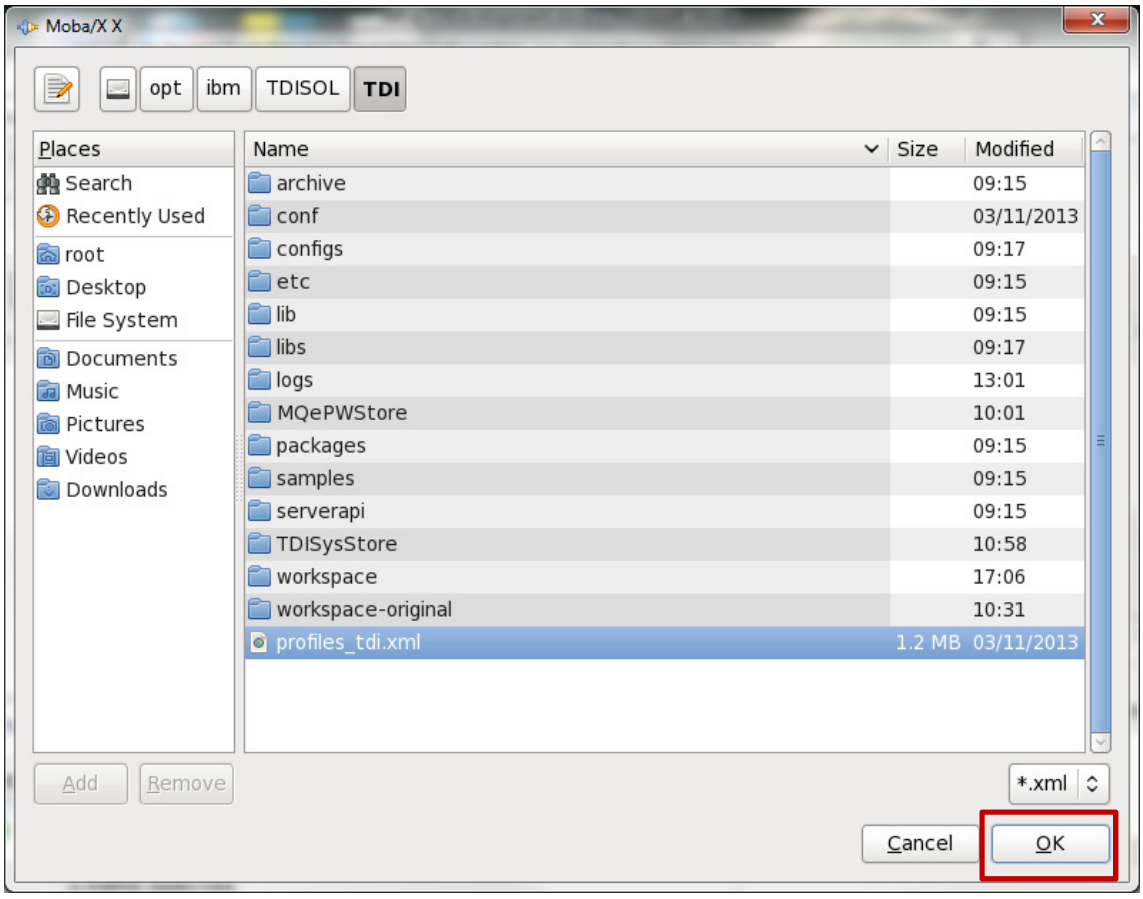


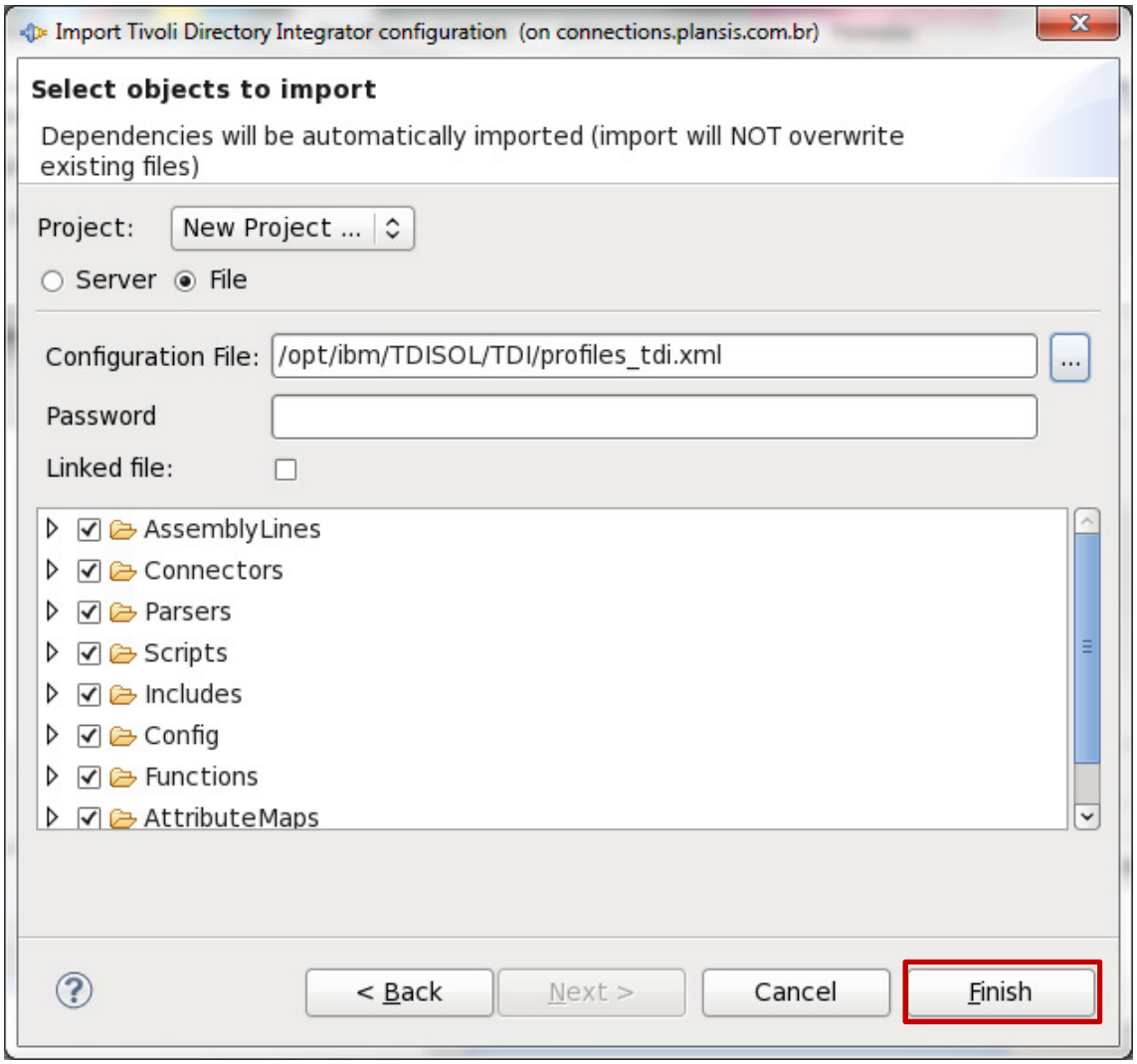
Import the configuration. This configuration has the Assembly lines and resources to work with the Connections .



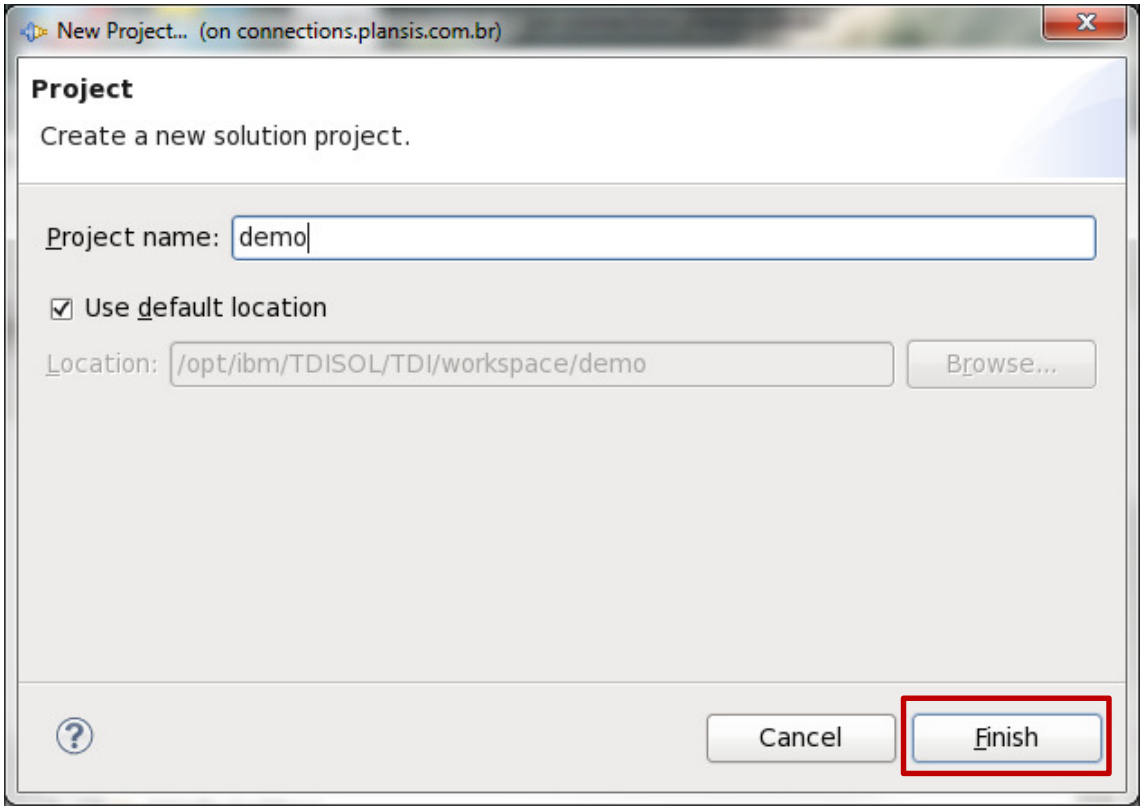

Import (on connections.plansis.com.br)
Select
Select an import source:
type filter text
General
CVS
IBM Tivoli Directory Integrator
Configuration
Plug-in Development
Run/Debug
Team
< Back
Next >
Cancel
Finish


Import Tivoli Directory Integrator configuration (on connections.plansis.com.br)
Select objects to import
Dependencies will be automatically imported (import will NOT overwrite existing files)
Project:
New Project ...
Server
File
Configuration File:
...
Password
Linked file:
< Back
Next >
Cancel
Finish


Moba/X X
opt
ibm
TDISOL
TDI
Places
Search
Recently Used
root
Desktop
File System
Documents
Music
Pictures
Videos
Downloads
Name
Size
Modified
archive
09:15
conf
03/11/2013
configs
09:17
etc
09:15
lib
09:15
libs
09:17
logs
13:01
MQePWStore
10:01
packages
09:15
samples
09:15
serverapi
09:15
TDISysStore
10:58
workspace
17:06
workspace-original
10:31
profiles_tdi.xml
1.2 MB
03/11/2013
Add
Remove
*.xml
Cancel
OK

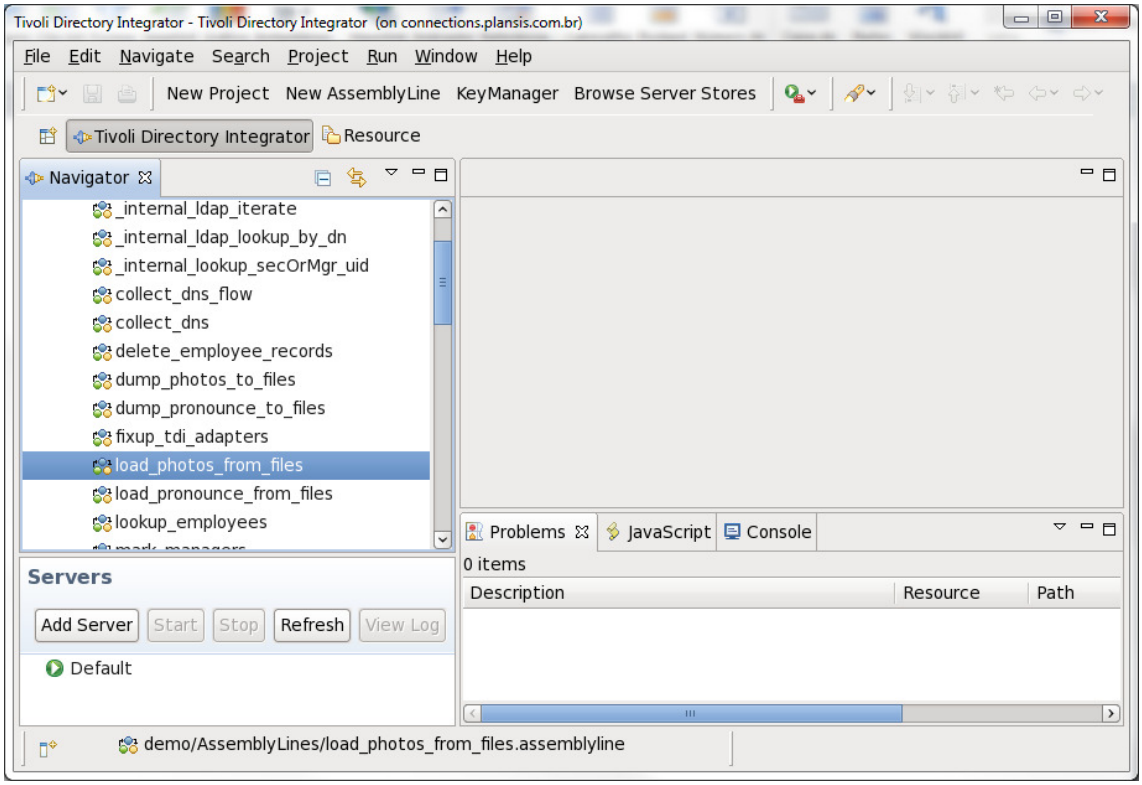

Import Tivoli Directory Integrator configuration (on connections.plansis.com.br)
Select objects to import
Dependencies will be automatically imported (import will NOT overwrite existing files)
Project:
New Project ...
Server
File
Configuration File:
/opt/ibm/TDISOL/TDI/profiles_tdi.xml
...
Password
Linked file:
AssemblyLines
Connectors
Parsers
Scripts
Includes
Config
Functions
AttributeMaps
< Back
Next >
Cancel
Finish

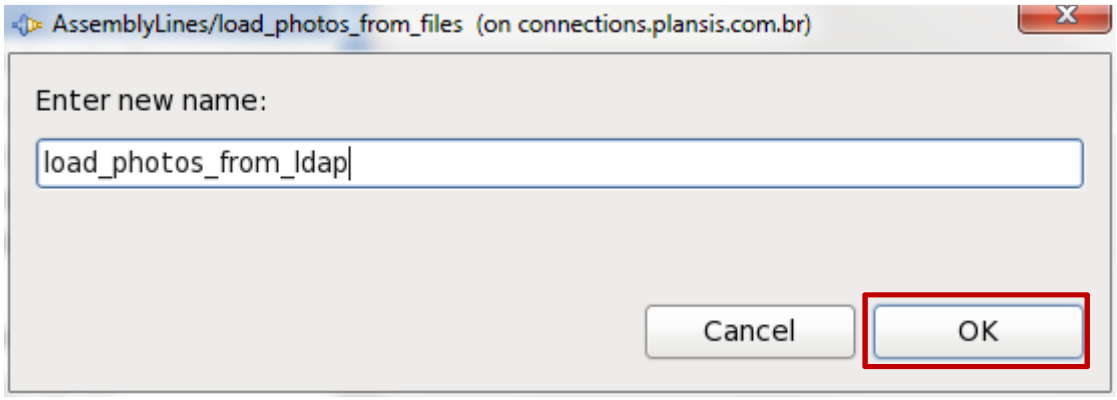
Enter the project name and then finish



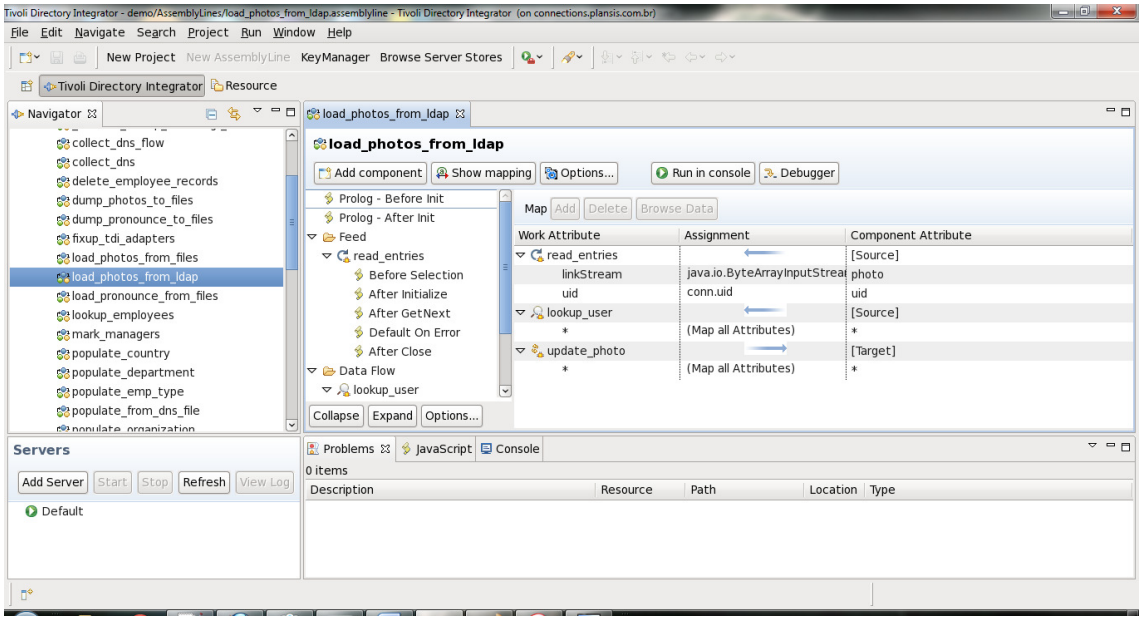
Expand the project name and assembly lines and search for load_photos_from_files.

Use the right click to copy and then paste the assembly line

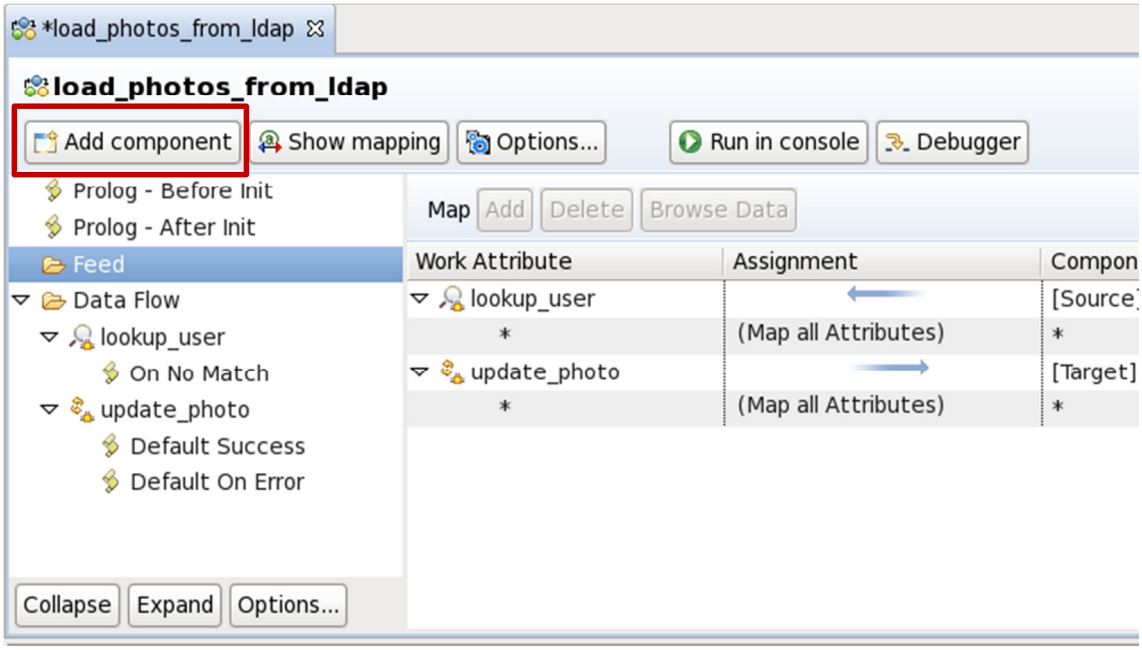




Click on the assembly line to edit

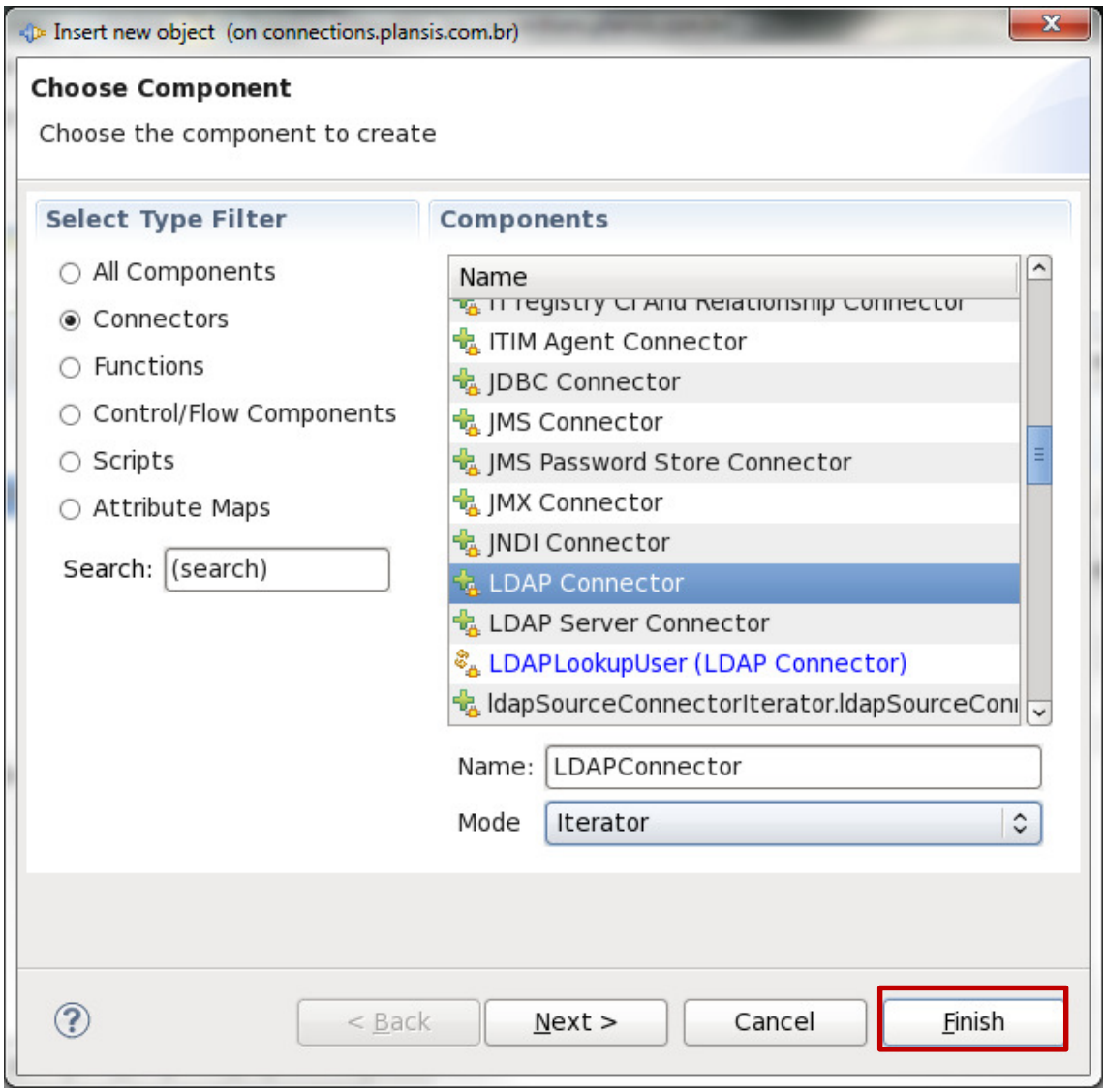


Delete the connector named read_entries. Select feed and clik on Add component

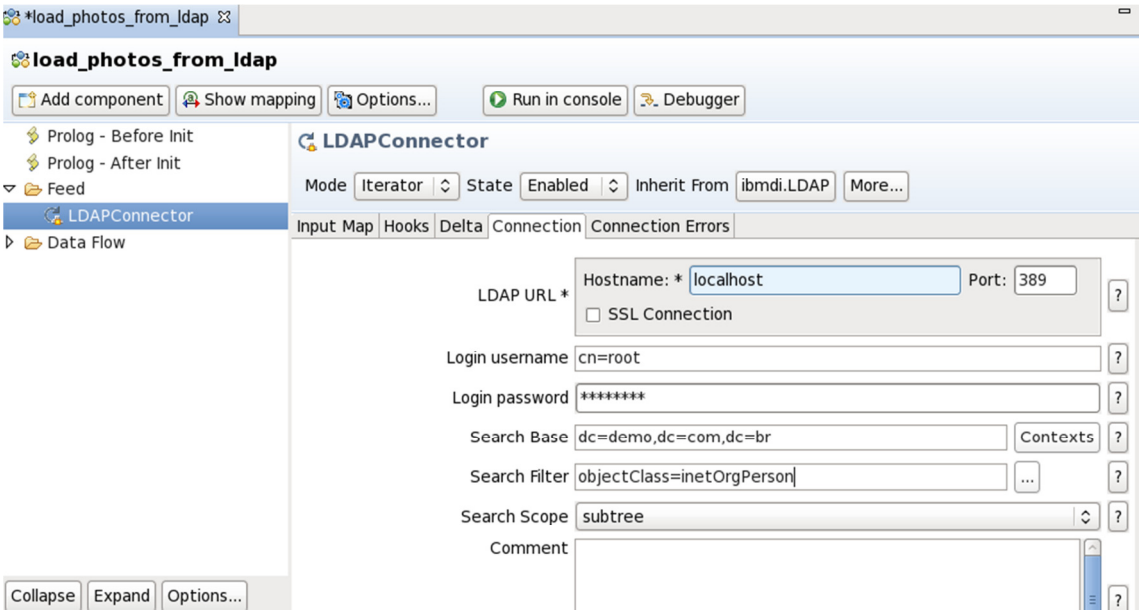


Select Connectos, search for LDAP Connector and set the mode to Iterator.

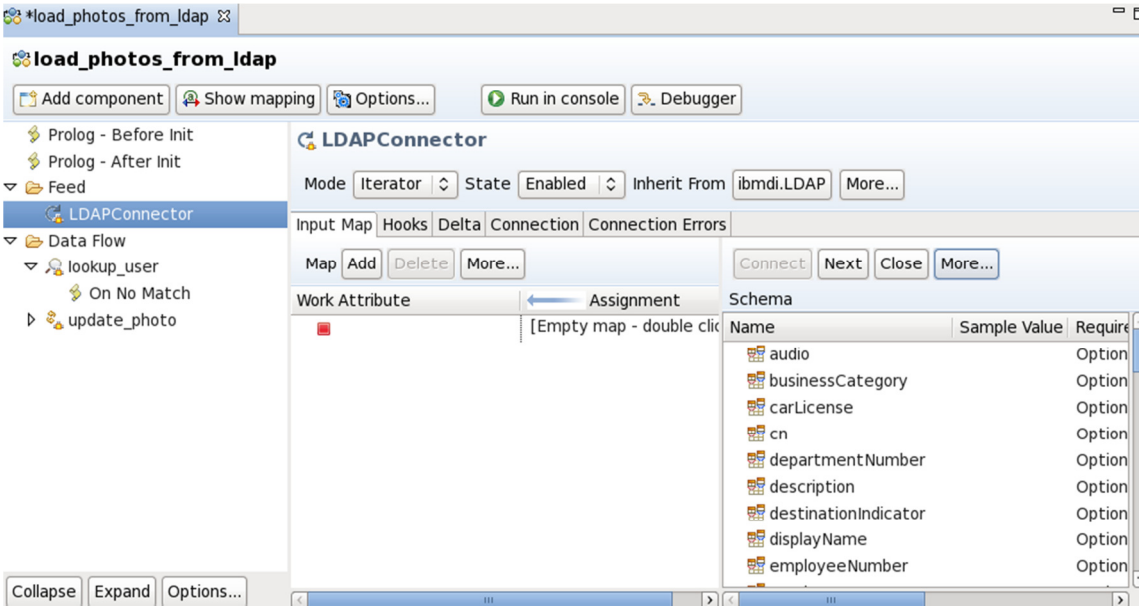
Click on finish



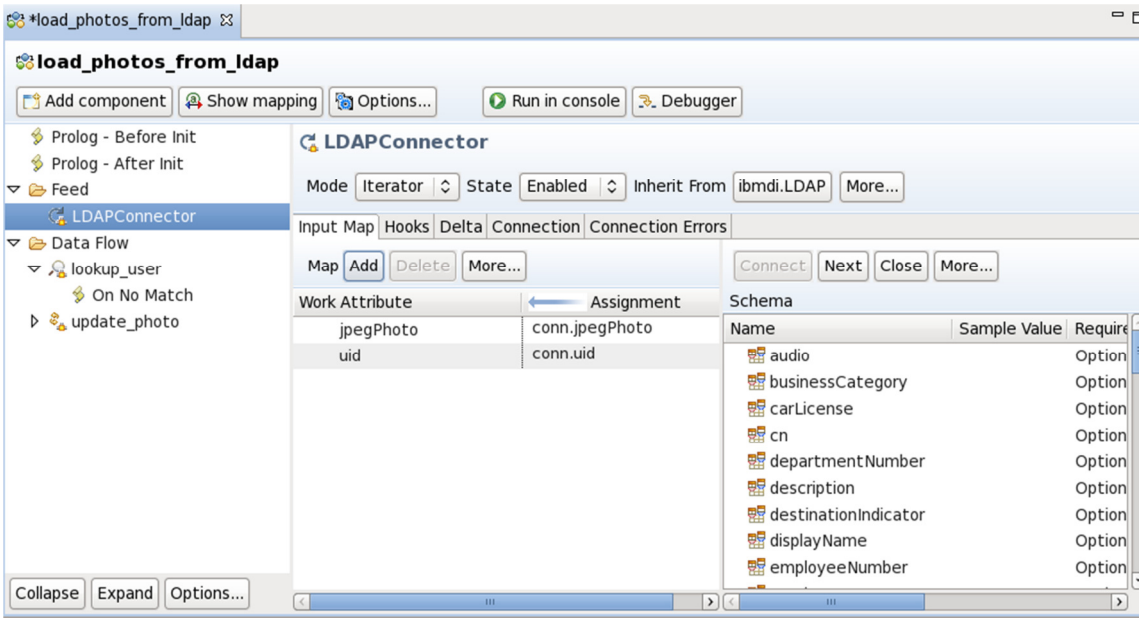
Select the LDAP Conenctor an click the connection button. You need to set the fields according you environment



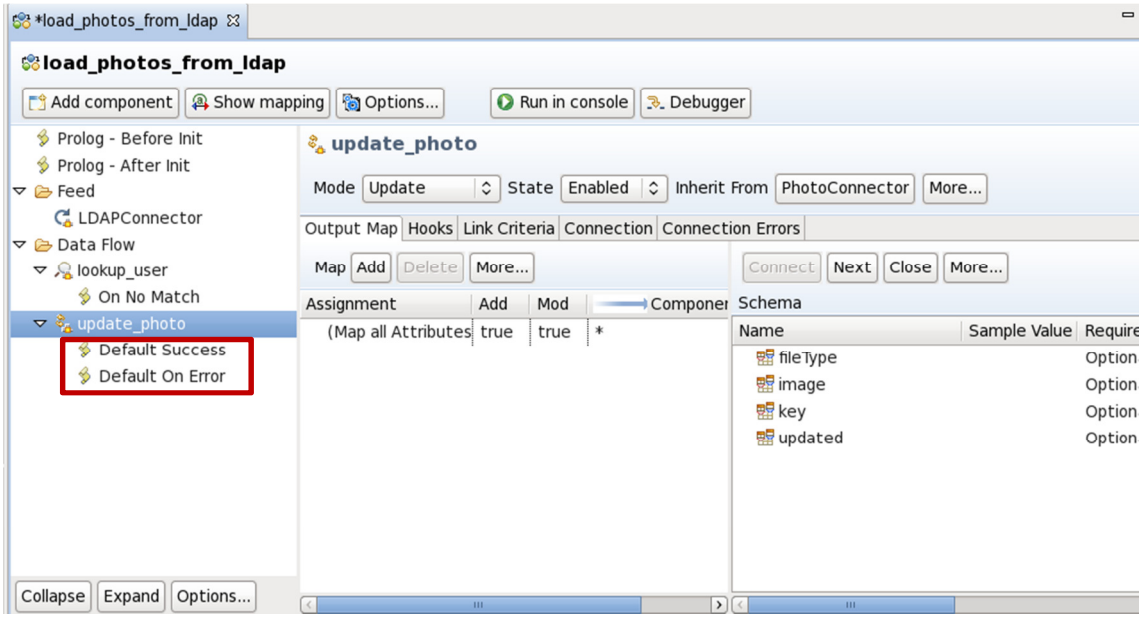
Click on Input Map and then connect button and see if you can connect to your ldap server



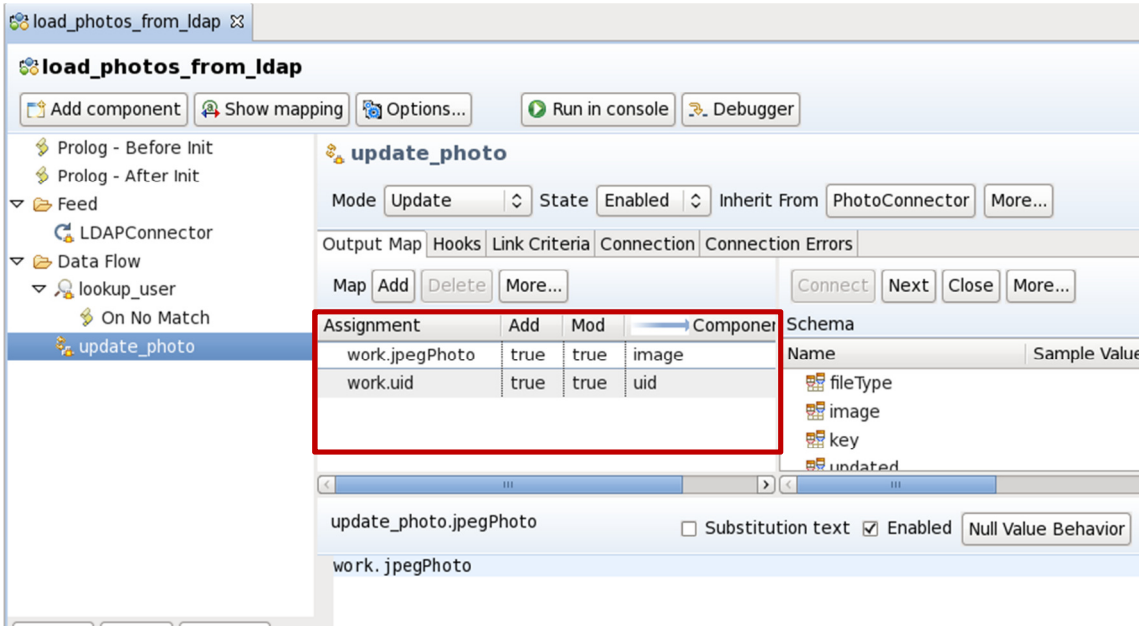
Click Add button to map attributes. I maped uid and jpegPhoto



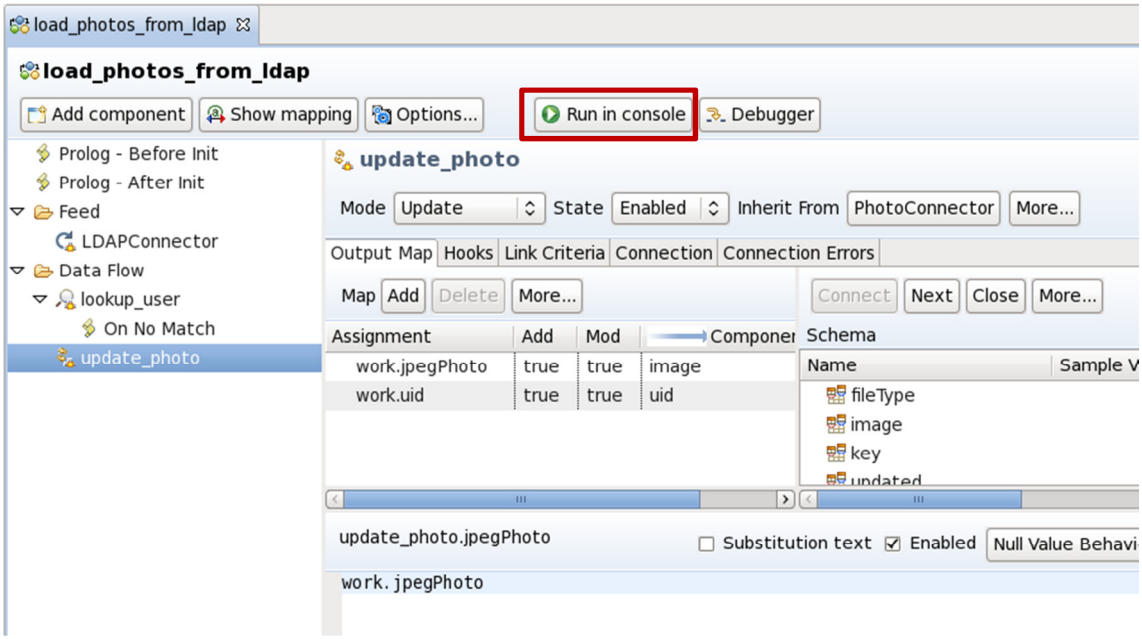
Delete the scripts Default Success and Default On Error



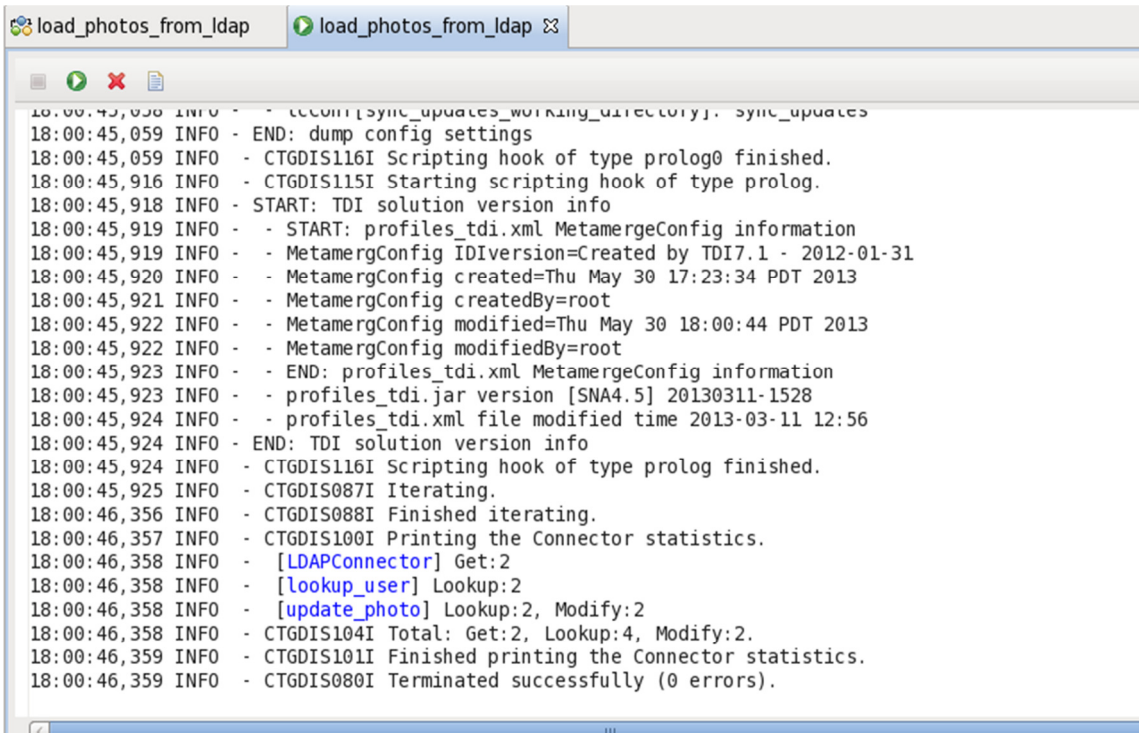
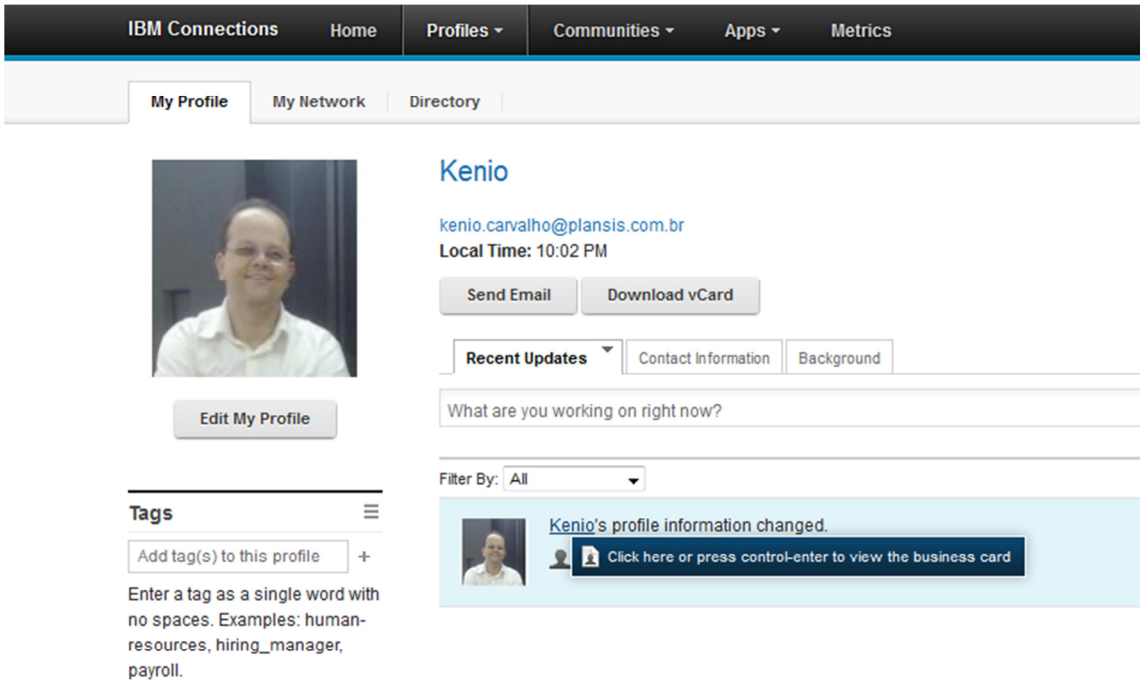
Click on update_photo and map uid and jpegPhoto



Click Run in console button



Check for erros on the console



Go to Connections and verify the profiles.