Installation Instructions for MYTERM package

<u>STEP 1:</u> Install MySQL server

Prerequisites for MySQL onWindows:

- Install DotNet Framework 4.5 or later
- Install MySQL community server

For Installing MySQL community server follow these guidlines:

http://dev.mysql.com/downloads/windows/installer/5.6.html

See package details in Annex 1

These are the instructions to follow in order to install and configure mySQL for windows:

Download the installation package and use the "msi" package which will open an installation wizard:
1. The wizard offers different types of installation:
    - Install Developer Default.
    - Keep default configuration for install locations
    - Choose server machine in order to allow a maximum memory for MySQL
2. Proceed with the rest of the steps using the configuration and installation wizard.
3. Once installation is complete, you should see a success notification. At this point, you will have the option to launch the MySQL Server Instance Config Wizard to complete configuration of the software.

    a) Select this option, and you should see the corresponding welcome screen.

    b) The MySQL Server Instance Configuration Wizard helps automate the process of configuring your server. It creates a custom MySQL configuration file (my.ini or my.cnf) by asking you a series of questions and then applying your responses to a template to generate the configuration file that is tuned to your installation. The MySQL Server Instance Configuration Wizard is included with the MySQL 5.0 server. The MySQL Server Instance Configuration Wizard is only available for Windows.

        - Change permissions in my.ini
        - Create a MySQL server account with configurable permissions: Admin, Designer, Backup
        - Configure firewall access for port number 3306 only for localhost

- Define the mysql service name: mysql56
- Check advanced configuration
- Root pwd: "My_Term-2014"
- User for development as a database administrator: user name: "myterm" password: "myterm2014"
- Windows Service Name: MySQL56 – Start on System Setup
- Default log files configuration
- The server will now be configured with your specified settings and automatically started. You will be presented with a success notification once all required tasks are complete.

STEP 2: Install MYTERM

1. Make sure that the prerequisites for MYTERM are installed:

   ◦ MySQL server is fully installed and running at port 3306
   ◦ Tomcat server is fully installed and running at the port 80

2. Unzip the folder MYTERM.zip (or extract its content) into C:/

3. Open the **run** folder and execute the script "**connect_CreateAll.bat**"

   ◦ this script requires the root password: "My_Term-2014"

   ◦ then this script requires **three times** the adminmyterm password: "x"

   ◦ This script creates:

      1) myterm schema

      2) a user adminmyterm with a password "x"

      3) grants this user access only to the myterm schema with Grant options.

      4) the tables within the schema

      5) the views within the schema

      6) he codification table for the interface's internationalization and other fill options

STEP 3: Test the MYTERM Installation

1. Within **run** folder execute the script **"ImportExport.bat"**

2. Within **run** folder it is highly recommended for creating test users to execute the script "**add_demo_users.bat**"

   ◦ This script creates:

- users and attributes languages and roles for them, this requires the adminmyterm password: "x"

    This is optional and you can create your own script for this or use the upcoming administration interface (next version)

3. Within **dist** folder copy the war file **"myterm.war"** under the webapps folder of your tomcat installation folder.

    Make sure your server is running otherwise you can restart the server and check if the folder myterm have been created under the webapps folder.

The installation is now ready to be used

Annex 1

This is a 32 bit version but it will install both 32 and 64 bit binaries. It includes these tools (Note that you can install only MySQL Server):

- MySQL Server (http://dev.mysql.com/downloads/mysql/)
- MySQL Connectors
- MySQL Workbench and sample models
- Sample Databases
- MySQL for Excel
- MySQL Notifier
- MYSQL for Visual Studio
- Documentation

To run MySQL on Windows, you need the following:

- A Windows operating system such as XP, Vista, and Server 2003. Newer versions of Windows than these are not supported. Windows 95/98/ME/2000 and versions of Windows older than these are no longer supported. For supported platform information.

- Generally, you should install MySQL on Windows using an account that has administrator rights. Otherwise, you may encounter problems with certain operations such as editing the **PATH** environment variable or accessing the **Service Control Manager**.

- TCP/IP protocol support.

- Enough space on the hard drive to unpack, install, and create the databases in accordance with your requirements (generally a minimum of 200 megabytes is recommended.)

- There may also be other requirements, depending on how you plan to use MySQL:

- To connect to the MySQL server using ODBC, you must have a Connector/ODBC driver.

- If you need tables with a size larger than 4GB, install MySQL on an NTFS or newer file system. Do not forget to use **MAX_ROWS** and **AVG_ROW_LENGTH** when you create tables.

- MySQL for Windows is available in several distribution formats:

- Binary distributions are available that contain a setup program that installs everything you need so that you can start the server immediately. Another binary distribution format contains an archive that you simply unpack in the installation location and then configure yourself.

- The source distribution format contains all the code and support files for building the executables using the Visual Studio compiler system.