



Compiere 3.0.2 Release Notes

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Compiere Release Notes

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Compiere 3.0.2 Release Summary

Compiere 3.0.2 is a release that adds additional functional enhancements and stability to the web user interface of the leading open source enterprise resource planning (ERP) and customer relationship management (CRM) solution. New enhancements available in Compiere 3.0.2 include: Reporting, Exporting, Sorting, Session Management, Session Audit Window, and over 20 usability enhancements and functional improvements.

Compiere products may include certain prototype features and beta functionality as indicated in their respective user interfaces with a beta checkbox. We advise our customers not to implement these on their production systems. These are intended only for evaluation as beta and are not covered under Compiere support.

Visit <http://www.compiere.com/products/new-compiere-erp-3.php> to learn more about the Compiere 3.0 features and benefits.

Audience

This guide is designed for Compiere Business Partners and Customers. It provides essential information for current Compiere administrators planning to install or migrate (upgrade) to Compiere 3.0.2

Prerequisites

- Working knowledge of Compiere ERP and CRM
- Compiere Web Store Access

Software Management

Download

You can download the Compiere 3.0 Release from <http://www.compiere.com/wstore>.

Previous Installations

The migration tool will bring you up directly to release 3.0 plus all the cumulative fixes included in the service packs without having to migrate to an intermediate release.

Recommended Infrastructure

- Sun Java 1.5.0 (SDK) – also known as Sun Java JDK (not just JRE)
- Database Oracle 10gR2 or later (Oracle 10gR1 is not supported) XE, Standard or Enterprise Editions, or EnterpriseDB 8.2.
Tip: It is highly recommended to use a Unicode character set.
- Database approved Linux Operating System, Windows 2003 or Windows XP
- Disk Space: > 5 GB (includes database)
- Swap Space: > 1GB
- Memory: > 512 MB - Recommended: > 1 GB
- TCP/IP connection

Process to Log Support Requests for Release 3.0

To ensure timely service for all future issues, we strongly recommend that you begin submitting all new cases into Compiere's Case Management system. Start logging support requests by following the steps described in the [Support Requests](#) section of our web page.

Update/Migration Procedure

See [Appendix A](#)

Install Procedure

See [Appendix B](#)

Web User Interface Release 3.0.2

In order to get properly acquainted with the new application, please view details on “Using the Web UI” in the user documentation. In addition, certain features that are available in the “Java Swing” user interface are not yet available in Compiere Release 3.0.2 with the web user interface. However, most of these features are scheduled for a future release.

The following features are currently not supported in web user interface; however, they are fully functional in the “Java Swing” user interface:

- Accounting--Tree Maintenance, Account element, Accounting dimensions, Accounting Schema (can view but can't create)
- Ad hoc checks for payment disbursement
- Resource & Schedule Info Windows
- Initial Client Setup
- Email UI documents
- Resource Assignment
- Personal lock
- Archive Viewer
- Ability to print mass shipments
- Work Flow Editor
- Hot keys
- Record audit history (as well as created and last updated by history)
- Value preferences
- Previous login role for future logins
- Product transaction history (from Product Info window)
- Historical records from info windows
- Print from info windows
- Drill down on reports
- Opening a window from a report
- Text editor
- Notices
- Email to support from help menu
- Ability to email documents/reports as attachment
- Sizing of columns in grid view
- Moving of columns in grid view and info windows
- Product attribute grid
- Web Chat
- Ability to view My Requests from menu
- Ability to view requests associated with a specific record (e.g. Business Partner)
- Ability to navigate to first or last record in a selection
- Ability to access widgets (calculator, calendar, etc) outside a field context

Tip: The Firefox Browser is the recommended browser when using Compiere Release 3.0 with the web user interface.

If you plan to use the Internet Explorer 7.0 Browser, be sure to turn on the following options:

- Under Tools> Internet Options> From the General Tab, open the Tab settings.
- Enable the option for “Always switch to new tabs when they are created.”
- Verify the option “A new tab in the current window” is enabled.

Exporting Enhancements

This is an added feature to the Web UI providing the ability to Export all records that are retrieved by a search to one of the following file Formats: csv (Excel comma separated), ssv (semicolon separated, txt (tab delimited), and XML. The ‘Export All Records’ option performs a Table level Export on the dataset. This way, the user does not have to select every record in the results table to perform a row level Export.

Reporting Enhancements

This is an added feature to the Web UI providing the ability to Report on all records that are retrieved by a search into one of the following formats: pdf (Acrobat pdf), ps (Postscript), and html. The ‘Report All Records’ option performs a Table level Report on the dataset. This way, the user does not have to select every record in the results table to perform a row level Report.

Sorting Enhancements

This is an added feature to the Web UI providing the ability sort all records in the grid view that are retrieved by a search. To ‘Sort,’ simply click on column header, and select either ascending or descending and the results will be sorted accordingly based on the selection.

Session Audit Window Enhancements

This is an added feature to the Web UI providing the ability to view the Session Information. Use the Session Audit Window to check the user activities.

Session Management Enhancement

This is an added a feature to the Web UI that provides the ability to set session time outs by a System Administrator.

Configuration of Session Time Out

The system administrator can configure the session time out of the web UI by modifying the “WebSessionExpiration” property in the file: COMPIERE_HOME/Compiere.properties on the application server and restart the application server.

Tip: The default setting is “xyz1800.” To change the length of the time out, simply replace default numerical value with the desired number of seconds. For example, change WebSessionExpiration=xyz1800 to WebSessionExpiration=xyz3600, which will set the session time out for 3600 seconds or (60 minutes.) This means that any session using the web UI will be timed out and the user will need to login again after 60 minutes of inactivity.

Encryption Enhancements

Compiere complies with the export restrictions for encryptions and supports user defined keys. The Encryption key and supported Algorithm (DES) are defined in file: /lib/CompiereSecure.properties The key is implemented & distributed during Setup.

Steps to create your own key:

- Do this BEFORE you encrypt any DB columns!
- Edit the file /lib/CompiereSecure.properties and change the key
- If it does not exist, copy /lib/CompiereSecureDefault.properties to /lib/CompiereSecure.properties
- Change the line: EKeyValue=100,25,28,-122,-26,94,-3,-26
- Execute RUN_Setup and complete the File Installation section.

Delete Client and Delete Client Transactions

The functionality to delete clients (tenants) and client transactions has been rewritten and tested in the 3.0.1 service pack. This allows you to remove unwanted tenants and transaction data that you might have added while testing the application. To access this functionality you need to do the following:

- Execute **utils/RUN_Support**.
- Provide your system name, email address and password exactly as it was registered in the Compiere Web Store, and select Check License.
- Select Start Migration.
- Select the operation Delete Client (all) or Delete Client Transactions.
- Uncheck test only and select Start.

Fixed Issues for Compiere 3.0.2

The following is a list of the issues that have been fixed in Compiere 3.0.2 service pack.

Compiere Bug Number	Description
10016093	Another issue with the pop-up to create and edit Business Partners as part of the context menu of other windows.
10016094	For Compiere processes activated by a button field on a window, the little help pop-up comes up even if the process and column descriptions are blank.
10016096	In the web UI Yes-No fields are a drop-down instead of a check box with the exception of "IsActive".
10016101	LOV for Period has no values when running financial reports.
10016300	Message not translated on move right and left arrows -- The bubble help on the move right and left arrows displays in {}
10016757	Cache problem in windows.
10016805	For partial material receipts, do not update attribute set instance on the related purchase order
10016847	The Receipts not matched report parameters, the label for Business partner (which in this context is a Vendor) says Customer 1 Same issue on Monthly Invoice Vendor Report
10016853	There is no way to see all the text entered in a long text field (e.g. request response).
10016856	In sales order, when user go to sales order detail and then back to search results and then go to another sales order detail. The page load increases with the number of times of back and forth.
10016858	In Account Combination window, the search functionality doesn't work. It returns the following: "The call failed on the server; see server log for details. (Ref#6)"
10016865	Failure after creating a Phaseline in a phase of a project.
10016875	Invalid component archive cdata.gzip error starting Migration
10016877	Payment Selection - Line name timestamp is always 00:00:00.0
10016902, 10016983	Swing UI - Java Null Pointer Exception Error when selecting Alt-X shortcut
10016914	In Swing if you select an alias from the drop down list box it does not populate the combination field.
10016917	System hangs when selecting a product attribute instance from the product info window
10016918	In PaymentOnline.dolt() there is a line of code that throws a NullPointerException every time you try to process a credit card online from the the payment screen (swing client and web UI).
10016924	Add session audit ability to web ui. Use "session audit" window, you can check which users are still logged in and what activities they are doing.
10016925, 10016847	Add "WebSessionExpiration" in compiere.properties file so that session expiration can be configurable.
10016955	In journal entry if I enter a combination in the combination field of a Journal line that does not exist, should open the search window.
10016999	Locator drop down in Inventory move is not showing all available warehouse locators
10017029	Need to respect the locator restrictions defined for a product. Should restrict to those locators for the warehouse (+ the default if defined)
10017086	Added the "Partner" field to the Sales Order window. This can be used to represent the Partner who made the sale to the customer.

Known Issues in the Migration Process

Warnings and Error Messages you may see during the Migration steps

Migration Issues – Warning/Error Messages	Database	Solution
ORA-00001: unique constraint .. violated	All	This is an acceptable warning message.
ORA-01408: such column list already indexed	All	This is an acceptable warning message.
ORA-01440: column to be modified must be empty to decrease precision or scale	All	This is an acceptable warning message.
ORA-02296: cannot enable	All	This is an acceptable warning message.
ORA-02275: such a referential constraint already exists	All	This is an acceptable warning message.
ALTER TABLE S_ResourceType MODIFY ChargeableQty NUMBER(10) DEFAULT NULL Failed sql statements ERROR: cannot alter type of a column used by a view or rule Detail: rule _RETURN on view rv_asset_delivery depends on column "lot" - ALTER TABLE A_Asset_Delivery ALTER Lot TYPE VARCHAR(255) , ALTER Lot SET DEFAULT NULL	EnterpriseDB	This is an acceptable warning message.
Component migration not needed Unable to get migration steps WorkerData - java.lang.NullPointerException Unable to execute postgres/oracle function scripts Failed to run function scripts sql No component migration needed	All	Always select Compiere Core when installing or migrating any additional applications.
Unable to get target result set: SELECT...FROM AD_Role WHERE Name = 'GardenWorld Admin' - java.sql.SQLException: ORA-00904: "OVERRIDERETURNPOLICY": invalid identifier Unable to get target result set: SELECT...FROM AD_Column WHERE AD_Table_ID = 783 AND ColumnName = 'R_Request_ID' - java.sql.SQLException: ORA-00904: "ISRECURSIVEFK": invalid identifier	All	Always select Compiere Core when installing or migrating any additional applications.
No Key & No Parent - Table AD_RecentItem	All	This is an acceptable warning message

Known Issues in the Install Process

Warnings and Error Messages you may see during the Import steps

Install Issues – Warning/Error Messages	Database	Solution
<pre>-----> g.a: DROP SEQUENCE T_Spool_Seq -----> g.a: ORA-02289: sequence does not exist</pre>	All	This is an acceptable warning message.
<pre>-----> DB_PostgreSQL.convertStatement: Convert error! Converted statement Number=2 (CREATE OR REPLACE VIEW ...</pre>	EnterpriseDB	This is an acceptable warning message.
<pre>-----> DB.saveError: DBExecuteError - ORA-00001: unique constraint (COMPIERE.C_REGION_NAME) violated [15] -----> MRegion.saveNewInsertSQL: Not inserted - C_Region [15] -----> ProgressPanel.publish: Unable to import Region, requires UNICODE database [15] =====> DB.executeUpdate: INSERT INTO C_Region (AD_Client_ID,AD_Org_ID,C_Country_ID,C_Region_ID,CreatedBy,Description,Is Active,IsDefault,Name,Updated,UpdatedBy) VALUES (0,0,216,438,TO_DATE('2006-02-23 15:43:34','YYYY-MM-DD HH24:MI:SS'),0,'???(Miyasaki)','Y','N','???',TO_DATE('2006-02- 23 15:43:34','YYYY-MM-DD HH24:MI:SS'),0) [null] [15] java.sql.SQLException: ORA-00001: unique constraint (COMPIERE263.C_REGION_NAME) violated; State=23000; ErrorCode=1 at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java:125) at oracle.jdbc.driver.T4CTTloer.processError(T4CTTloer.java:305) at oracle.jdbc.driver.T4CTTloer.processError(T4CTTloer.java:272)</pre>	All	These are acceptable if your database is not set for Unicode.
<pre>At the very end of the install process or when manually executing utils/RUN_Support 13:07:55.094 Compiere.startup: Client lap-fr/10.104.139.177: C:\Compiere2 - Java HotSpot(TM) Client VM 1.5.0_11-b03 - Windows XP 5 .1 Service Pack 2 [15] Exception in thread "AWT-EventQueue-0" java.lang.NullPointerException at javax.swing.plaf.basic.BasicScrollBarUI.layoutHScrollbar(BasicScrollBarUI.java:676) at javax.swing.plaf.basic.BasicScrollBarUI.layoutContainer(BasicScrollBarUI.java:775) at java.awt.Container.layout(Container.java:1401) at java.awt.Container.doLayout(Container.java:1390) at java.awt.Container.validateTree(Container.java:1473) at java.awt.Container.validateTree(Container.java:1480) at java.awt.Container.validate(Container.java:1448) at javax.swing.RepaintManager.validateInvalidComponents(RepaintManager.java:379) at javax.swing.SystemEventQueueUtilities\$ComponentWorkRequest.run(SystemEventQueue Utilities.java:113) at java.awt.event.InvocationEvent.dispatch(InvocationEvent.java:209) at java.awt.EventQueue.dispatchEvent(EventQueue.java:461) at java.awt.EventDispatchThread.pumpOneEventForHierarchy(EventDispatchThread.java:24 2) at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:163) at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:157) at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:149) at java.awt.EventDispatchThread.run(EventDispatchThread.java:110)</pre>	All	No effect on the functionality. You may ignore this error.
<pre>Error after clicking Save on the RUN_Setup window =====> CConnection.createConnection: jdbc:oracle:thin:@//lap-fr:1521/xe, (1) AutoCommit=true,TrxIso=READ_COMMITTED - ORA-010 17: invalid username/password; logon denied [12] -----> CPreparedStatement.<init>: ALTER TABLE AD_System MODIFY Summary NVARCHAR2(2000) [12] java.lang.UnsupportedOperationException: No DBConnection at org.compiere.util.DB.getConnectionRW(DB.java:228)</pre>	All	No effect on the functionality. You may ignore this error

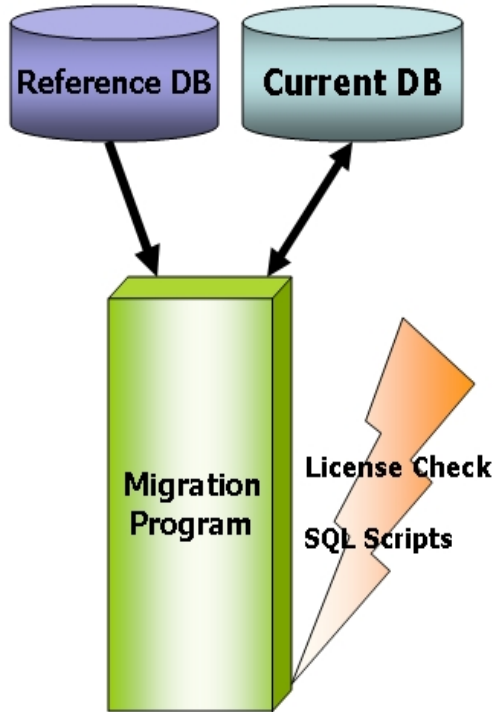
Appendix A

Compiere 3.0.2 – Migration Instructions

Compiere 3.0.2 Migration Instructions

Prerequisites

- A valid Support contract
- Sun Java 1.5.0 (SDK) – also known as Sun Java JDK (not just JRE)
- Database Oracle 10gR2 (XE, Standard or Enterprise) or EnterpriseDB 8.2



Migration

The Compiere Migration Management solution allows the following:

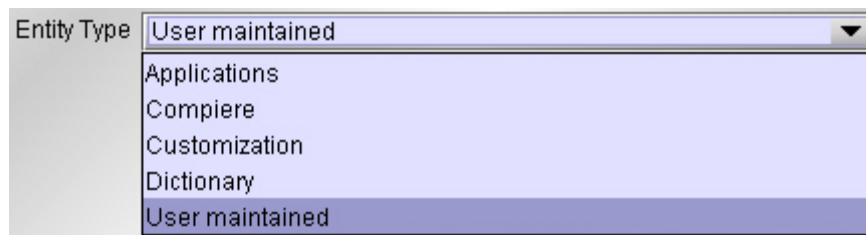
- Migrate from any release to Compiere 3.0.2.

Information: This is an optional convenience service. A skilled DBA monitoring SVN changes and/or with the help of a change management system can do this as all scripts used are available in SVN. Another alternative are EAI tools.

The added service is the packaging and a database health check.

Preserving Customizations

Compiere will not modify any customizations - as long as the customizations are marked appropriately! By default, all added records in the dictionary will have the entity type "User Maintained":



- In the Change Audit window, mark the changes as Customizations before running the migration.

Tip: Alternatively, changes may be applied manually.

- Before performing the migration, run it in the test mode to ensure all customizations will be preserved.

Migration Steps

Migration Consists of the Following steps:

- Preparation
- Test Mode
- Migrate to a New Release
- Post Migration Steps

Preparation

Use the following steps to prepare for the Migration:

- Server needs to have access to the Internet.
- Stop the application server by executing `utils/RUN_Server2Stop`
- Backup the database

Test Mode (optional)

First, run the Migration Program in Test mode. This allows the ability to evaluate the actions taken when running it against the database. Please note that the first step (resolve ID conflicts) will not show the correct future IDs in test mode.

If the program marks certain wanted **tables** for deletion, then create the table in the data dictionary (Window Table/Column) with the Entity Type *User* or *Application*.

If the program marks certain wanted **columns** for deletion, make sure that the column has the Entity Type *User* or *Application*. If the wanted column has the Entity Type Data Dictionary or Compiere and it is marked for deletion, then copy it under another name and mark the new column as *Custom* or *Application*.

The same applies to windows, tabs, fields, etc.

Mandatory User or Application Columns must have a default value defined in the database, e.g. `ALTER TABLE someTable MODIFY (myColumn DEFAULT 'myDefault')`, otherwise adding new records will result in an error.

Check List:

- Server has HTTP (port 80) access to the Internet
- Compiere web store Asset - Support Contract

System Operation Steps:

- Resolve ID Conflicts from Customizations/Extensions
- Synchronize Data Structure (Table/Column/Index/Constraints/..)
- Synchronize Data Content

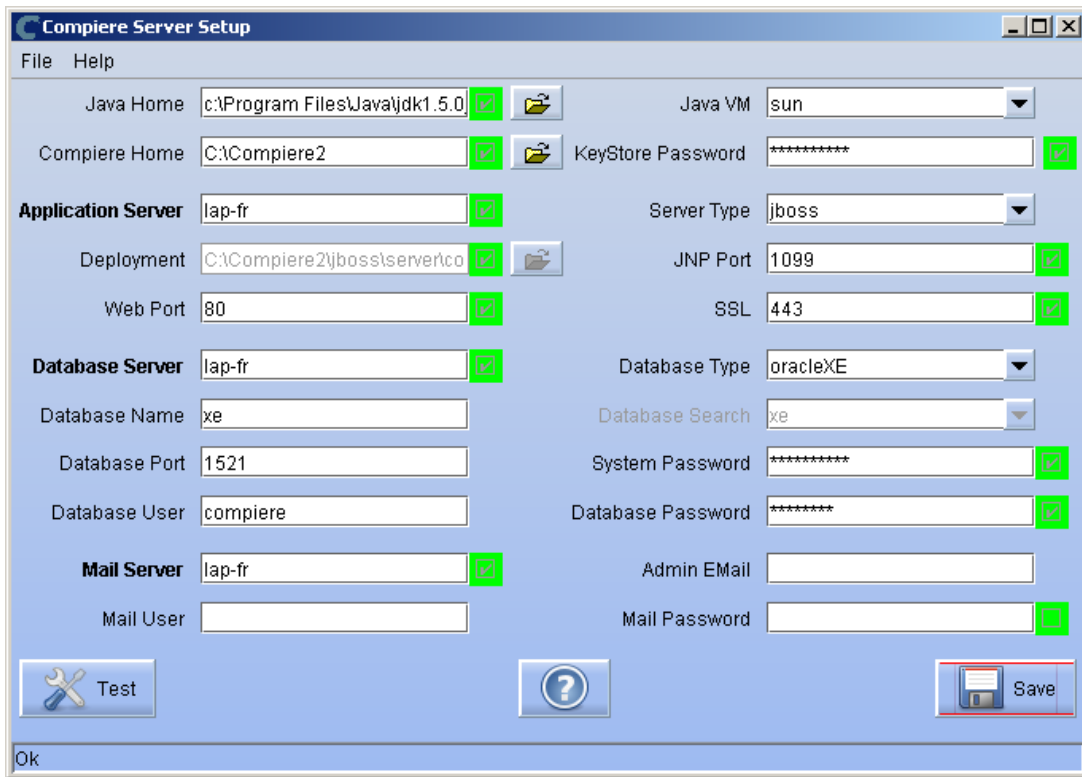
Migrate to a New Release

Use the following steps on the Application Server box for migrating to the new release:

- 1) Delete the existing `jboss` subdirectory only if the current version is prior to 2.5.3 (due to different JBoss version and configuration files.) Download and unzip/untar the distribution file, (e.g. `Compiere_3XX.X.zip`.)

Tip: It is also possible to extract the distribution file into a new directory and copy your configuration files. Then change the **COMPIERE_HOME** environment variable to the new directory.

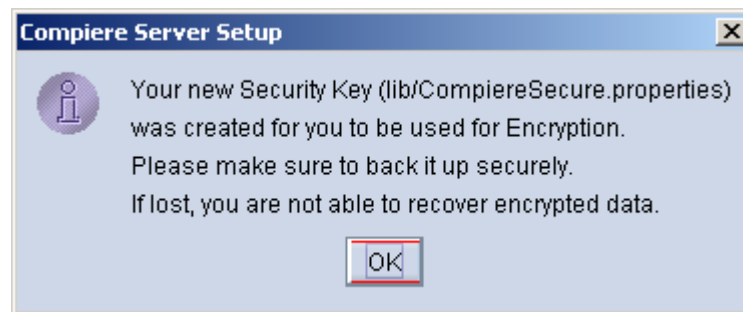
- 2) Execute **RUN_setup**. Verify all your environment settings and click Save to continue. If you get any errors in the parameters validation, you'll see a red icon right next to the parameter with the problem; make the required changes, click Test to run the validation again and then click Save to continue.



Note: To install additional applications once you have installed or migrated to the latest Compiere Core version, you must select Compiere Core plus any additional applications to install, and then run Migration.

- 3) Then click on OK to accept the default security key file settings. If you had customized your security key, be sure to update the file lib/CompiereSecure.properties after running migration and complete 'Start File Installation' (in RUN_Setup) again.

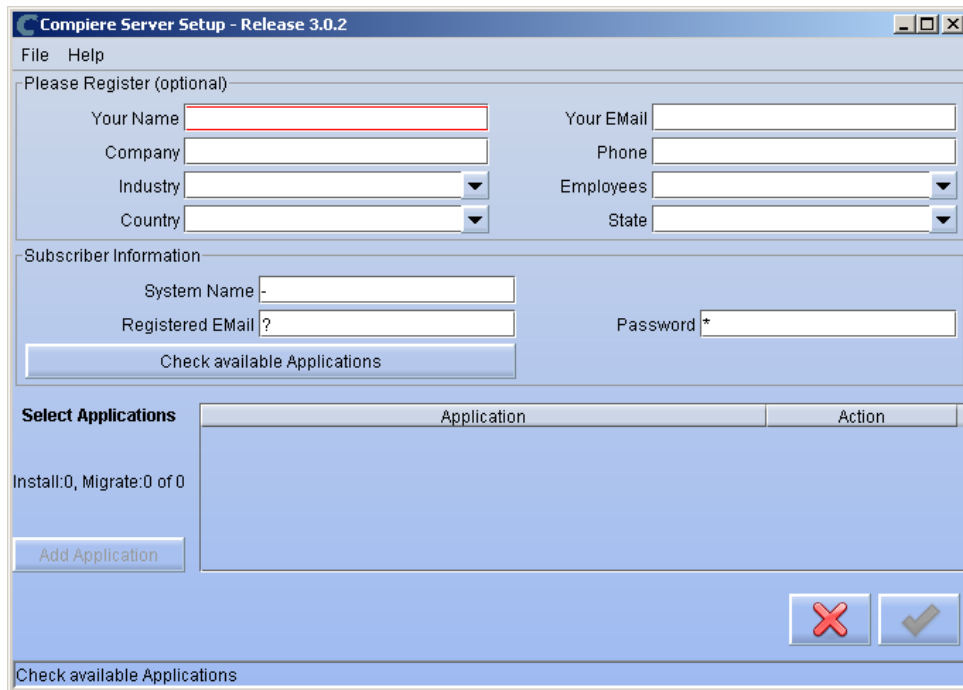
Tip: Remember to create a backup of the file lib/CompiereSecure.properties and store it in a secure location.



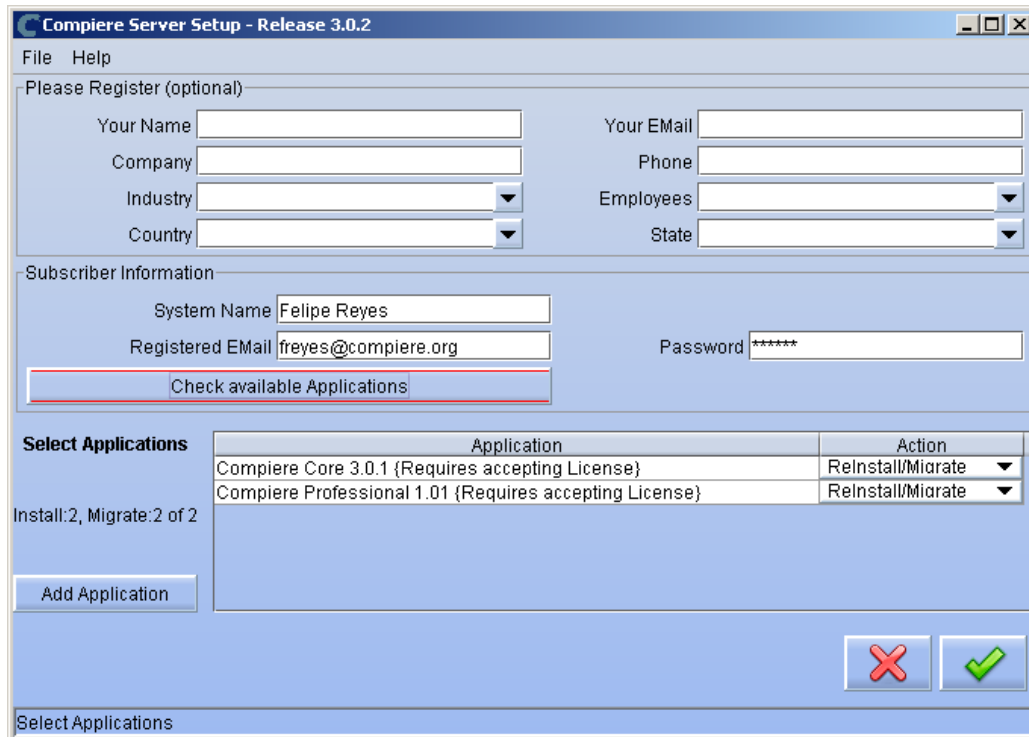
- 4) As an optional step you can register with Compiere the details about your current installation

Current customers should provide the subscriber information (System Name, Email and Password) exactly as it was registered in the Compiere Web Store to get a complete list of applications.

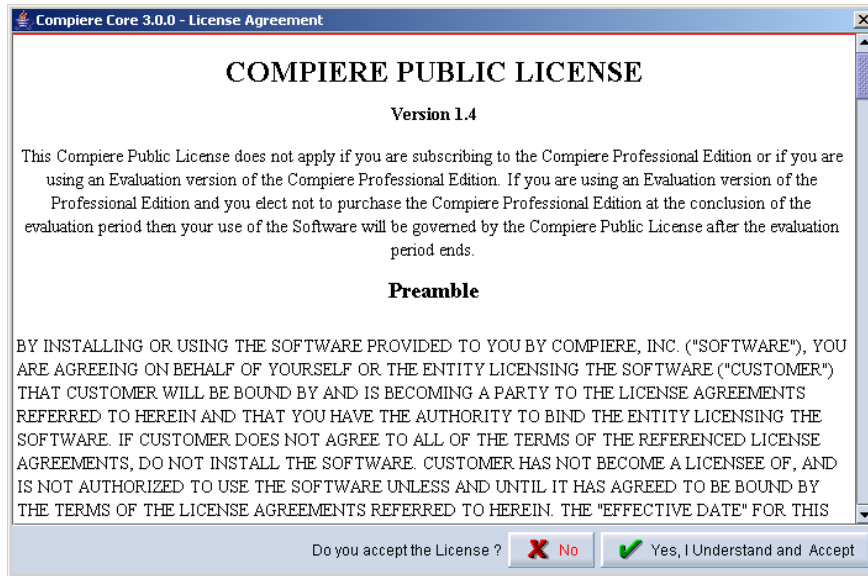
Click Check Available Applications to get a list of applications that are available to be installed.



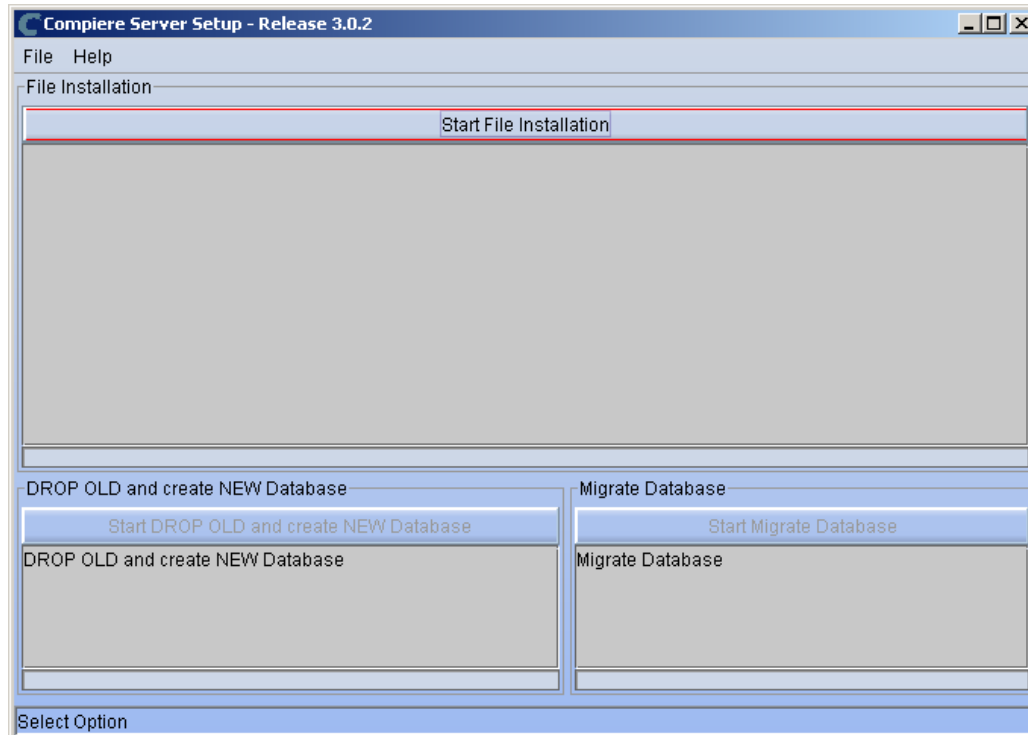
- 5) Select the applications that you want to migrate and select the action **Reinstall/Migrate**. Compiere Core 3.0 is the main application that must always be installed or migrated to the latest release, but you also may choose additional applications provided by Compiere or any of our authorized partners. If you do not wish to install or migrate any of the applications listed, be sure to change the action to –None- To install new applications change the action to New Install



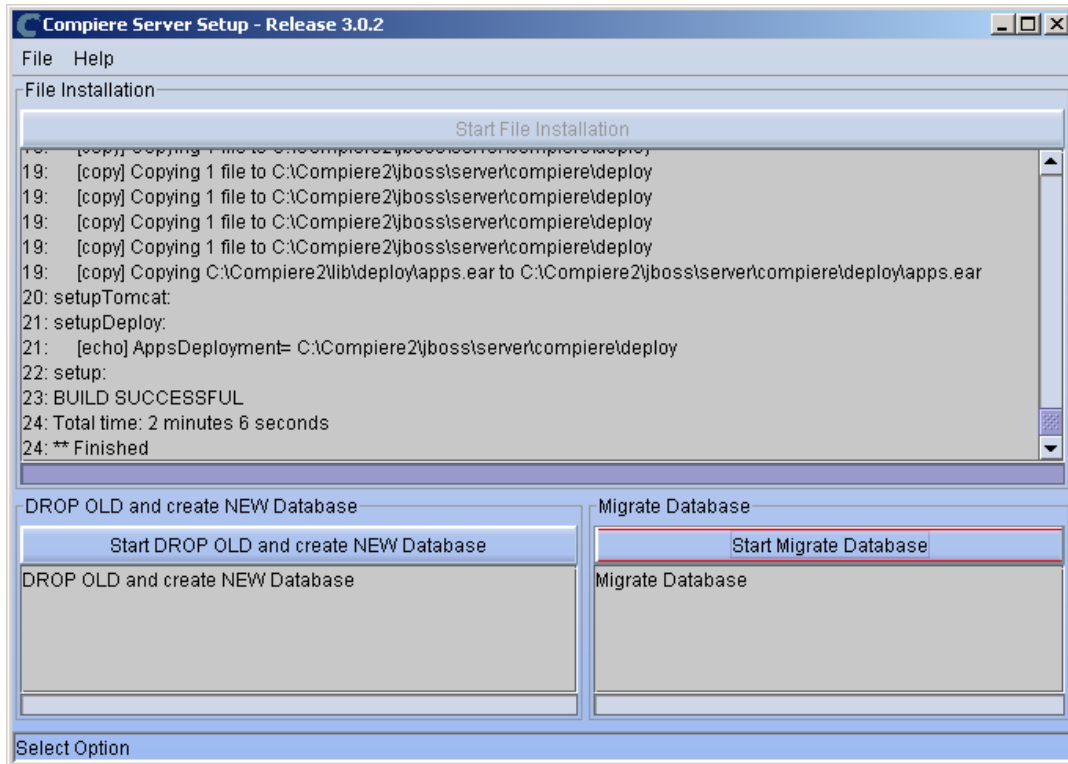
- 6) Next, read and accept the license agreement.
Hint: You might get more than one license agreement, depending on the applications that you are installing.



7) Click on Start File Installation

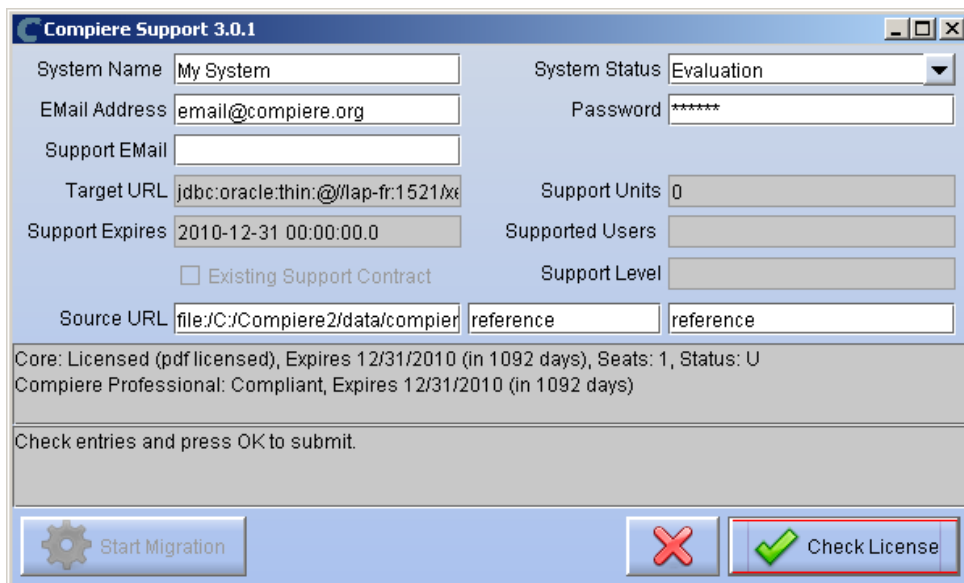


8) When the File Installation has completed click on Start Migrate Database.



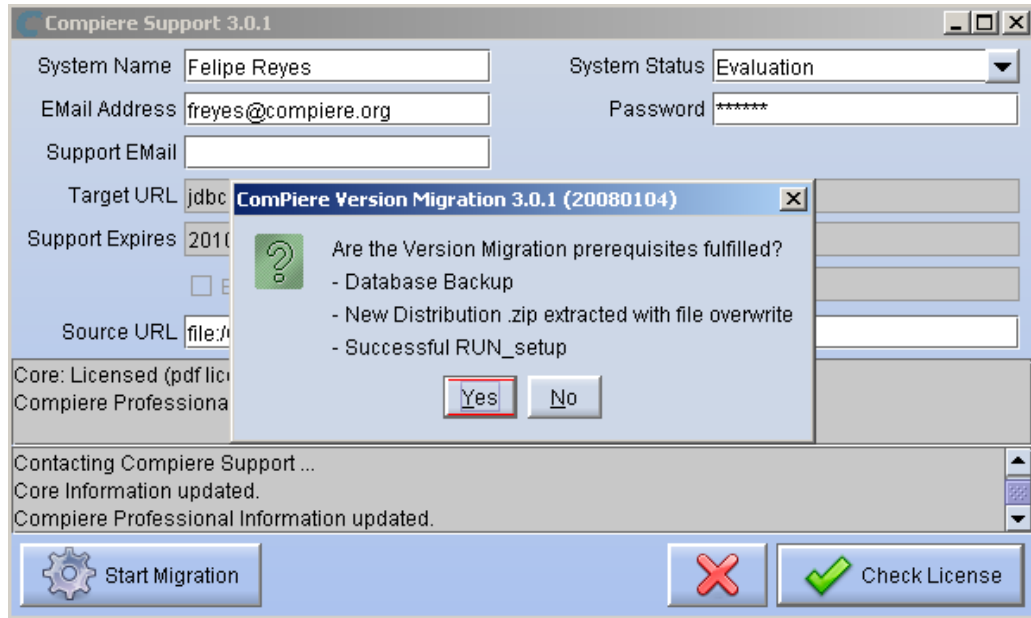
9) Provide the following information exactly as it was registered in the Compiere Web store and click Check License to validate your asset information (Note: This information may already be populated if it was entered in the system window)

- System Name
- Registered Email
- Password



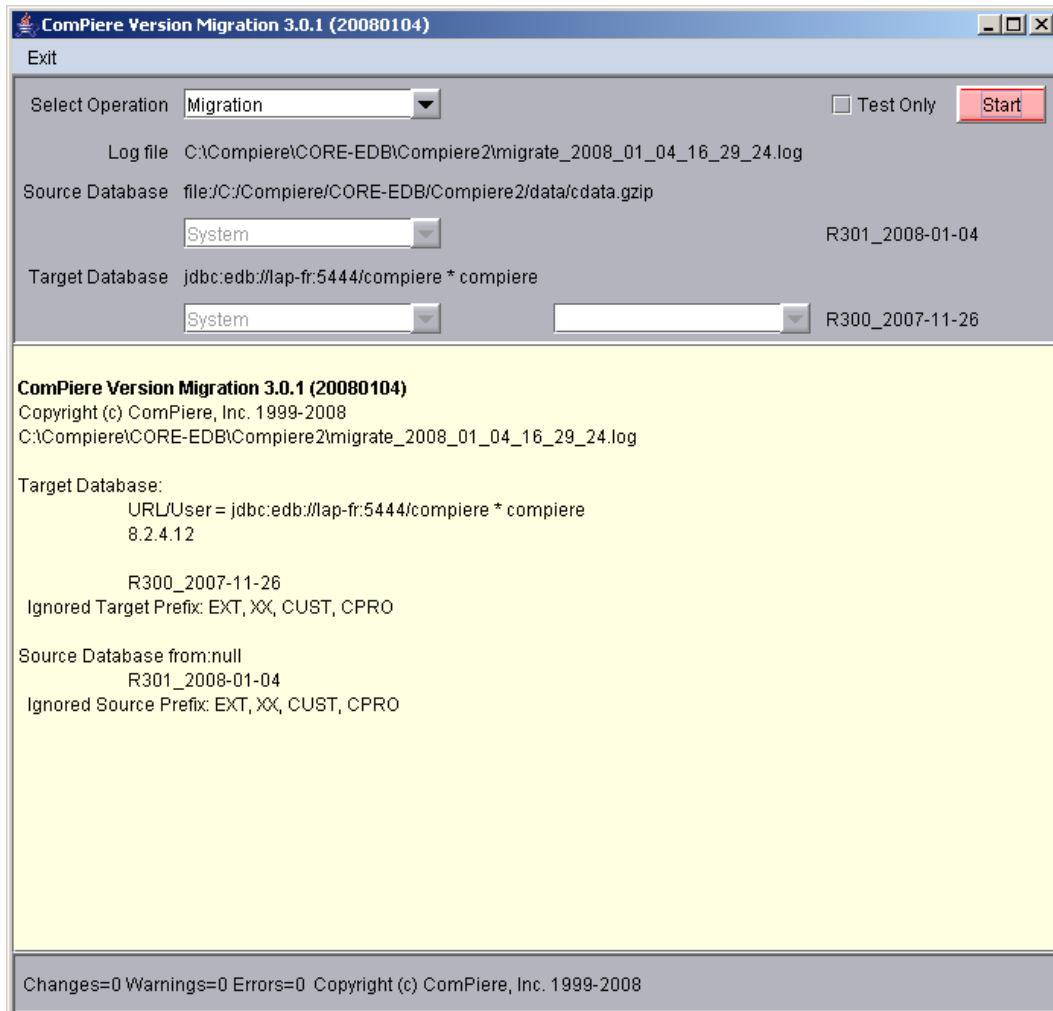
Tip: If you get the “Core Invalid” error after selecting the ‘Check License’ button, that is an indication that you did not select the appropriate action for the Core component in step #5. In this case, Exit the setup and support windows and execute RUN_setup again selecting the Core plus any other components to install.

10) Click on “Start Migration”.

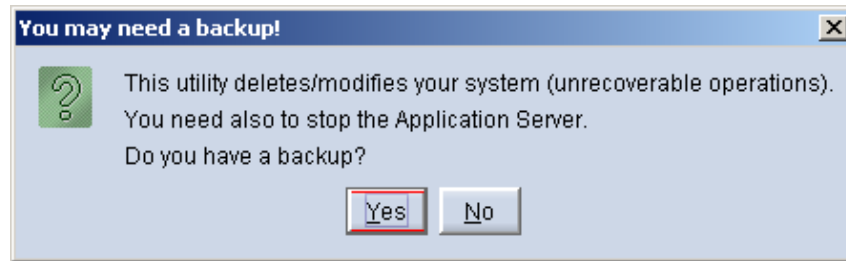


11) At the ComPiere Version Migration Prompt, click “Yes” to proceed with the Migration.

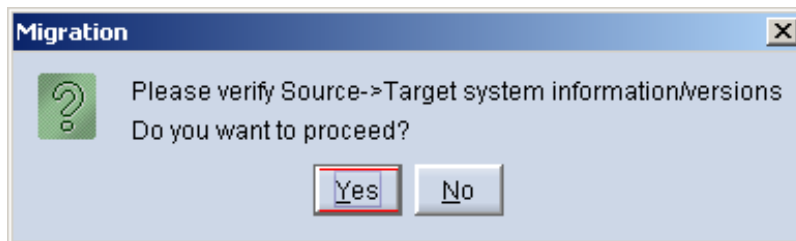
12) Unselect the “Test Only” option, and click Start.



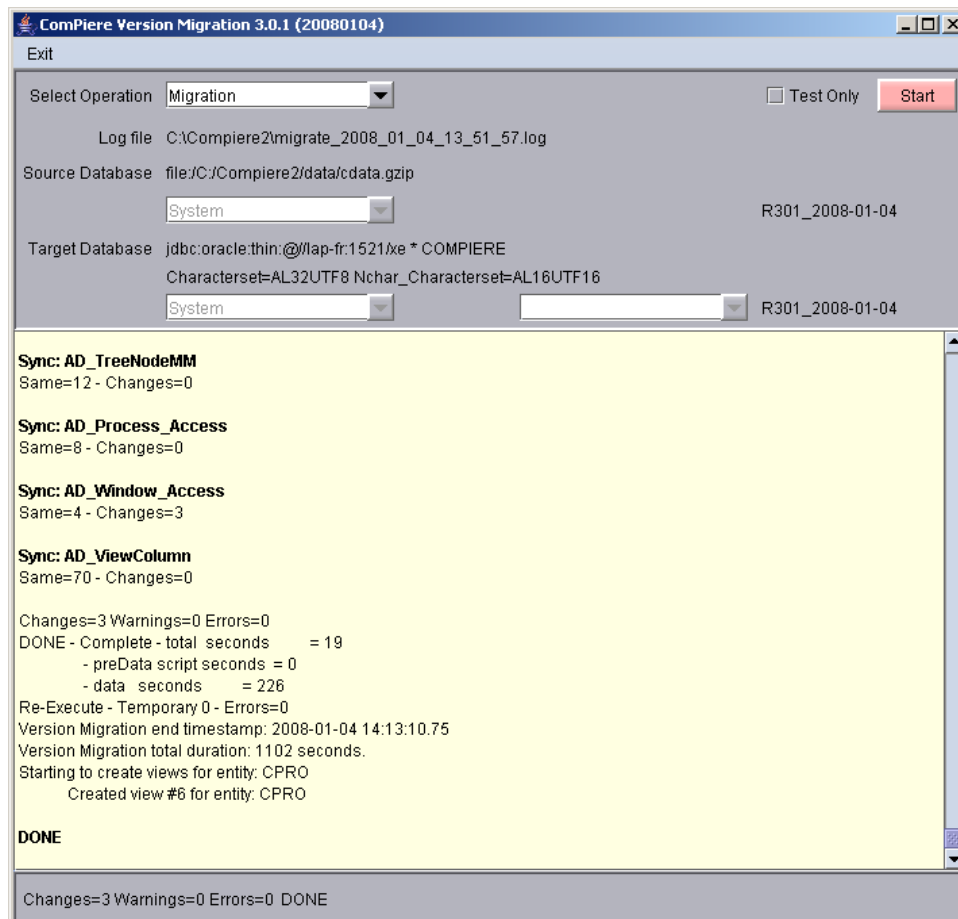
13) Confirm that you have a current back up of your database



14) Confirm that the Source and Target database versions from the Compiere Version Migration window are correct.



15) Verify that the migration finish with no errors and the message “**After Migration - DONE**” is displayed. In case you get any errors, please be sure to review the list of known issues listed in this document before logging a service request.



- 16) If you have a Compiere Professional Edition license or a free trial license, execute **utils/RUN_Support** and click "Check License" to activate your license.
Tip: There is no need to click the start migration button.

- 17) After you have pressed the Check License button you should be able to see if your Professional License has been activated.

- 18) After Compiere Professional license has been updated you may click the "X" to close the window.
Hint: It is not necessary to click the Start Migration at this point.

Note: After migration, (re-) apply the language packs when needed.

Post Migration Steps for RMA/RTV

This step is only relevant if you plan to use the new returns functionality and you are migrating from 2.6.3 or older.

Compiere now has explicit return transactions. We discontinued the previously seeded "Return Material" functionality.

In the "Document Type" window you need to do the following for every Tenant/Client:

1) Delete or de-activate the document types

- Return Material
- MM Customer Return
Hint: This is discontinued functionality

If you choose to deactivate the obsolete document types (as opposed to deleting them), please rename the document type 'MM Customer Return' to an alternate name (For eg., ' ** MM Customer Return ** Do Not Use **') so you can successfully create the new document types detailed below.

2) Create Return Document Types

- MM Vendor Return
 - Copy "MM Receipt" and set Name
 - Select Return Transaction
 - De-Select Counter Document flags
 - Optionally select Confirmations
- Vendor RMA
 - Copy "Purchase Order" and set Name
 - Select Return Transaction
 - De-Select Counter Document flags
- MM Customer Return
 - Copy "MM Shipment" and set Name
 - Select Return Transaction
 - De-Select Counter Document flags
 - Optionally create a special Document Sequence and or Confirmations
- Customer RMA (Copy Standard Order)
 - Copy "Standard Order" and set Name
 - Select Return Transaction
 - De-Select Counter Document flags
 - Select AR Credit Memo for Invoice Document Type
 - Select the created MM Customer Return for Shipment Document Type
 - Optionally create a special Document Sequence

Unfortunately, we cannot do the above steps automatically as this is configuration specific user data.

Tip: For an example of a set-up, please check GardenWorld in a fresh install or in a newly created Tenant.

Appendix B

Compiere 3.0.2 – Installation Instructions

Compiere 3.0.2 Installation Instructions

This is for a new installation of Compiere. If you already have installed a previous version of Compiere, please refer to the Migration instructions.

Prerequisites

- Database Oracle 10gR2 or later (Oracle 10gR1 is not supported) XE, Standard or Enterprise Editions or EnterpriseDB 8.2.

Tip: It is highly recommended to use a Unicode character set

- Database approved Linux Operating System, Windows 2003 or Windows XP
- Disk Space: > 5 GB (includes database)
- Swap Space: > 1GB
- Memory: > 512 MB - Recommended: > 1 GB
- TCP/IP connection
- Network setup with DNS server and a domain. Do not use IP addresses.
- Internet access

Hint: Notice that the screenshots in this document refer to the installation on Windows, but the process is the same for Linux, except for the paths (e.g. C:\Compiere2 vs. /Compiere2) and the extension of the scripts (.bat vs. .sh)

Database Installation

Install Database – For the instructions on how to install Oracle XE and EnterpriseDB on Windows and Linux please use the install guide on the Compiere website <http://www.compiere.org/support/installation.php>.

Java Installation

1. Download and install [Sun Java 1.5.0](#) (SDK) – also known as Sun Java JDK, Update 12, or a later version of Java 1.5.
Tip: The Compiere Server requires the SDK (not just JRE).

Download Compiere

2. Install /Setup Compiere Server (this includes the Client as well)
 - 1) Download the current version of Compiere: [Web Store](#) (for current customers) or free [Community Edition](#)
 - 2) Extract the .zip file. The steps shown assume that you extract to the root directory, resulting in a COMPIERE_HOME of C:\Compiere2 in Windows or /Compiere2 in Linux.
 - 3) Verify that the bin directory for your database executables is included in the PATH. Also, if using Oracle XE on Linux, run \$ORACLE_HOME/bin/oracle_env.sh.

To update the PATH on Windows, right click on My Computer and choose Properties. Go to the advanced tab and click on Environment Variables. Find the PATH variable and click Edit

- 4) Execute the script \$COMPIERE_HOME/RUN_Setup.
Note: if the following window does not display, please ensure that the following are updated.
 - Add the bin folder where you have installed JKD 1.5 at the beginning of the **PATH** system environment variable.
 - Set the JAVA_HOME system variable to the location of your java installation (e.g., 'C:\Program Files\Java\jdk1.5.0_12')
 - Set the COMPIERE_HOME system variable to the path of your Compiere installation (e.g., 'C:\Compiere2')

- 5) Select Database Type Oracle XE, Oracle (for Standard or Enterprise Editions) or PostgreSQL (for EnterpriseDB).
- 6) For System Password, enter the System database User password.
- 7) For Database Password, enter the Compire database user password, (e.g. 'compire')
- 8) For Server Names, i.e., Application, Database and Mail, use the DNS name of the server. **Hint:** Do not use localhost (127.0.0.1) or IP addresses.

The screenshot shows the 'Compiere Server Setup' window with the following fields and values:

- Java Home: c:\Program Files\Java\jdk1.5.0
- Compire Home: C:\Compiere2
- Application Server: lap-fr
- Deployment: C:\Compiere2\jboss\server\co
- Web Port: 80
- Database Server: lap-fr
- Database Name: xe
- Database Port: 1521
- Database User: compire
- Mail Server: lap-fr
- Mail User: info
- Java VM: sun
- KeyStore Password: *****
- Server Type: jboss
- JNP Port: 1099
- SSL: 443
- Database Type: oracleXE
- Database Search: xe
- System Password: ***** (highlighted with a red border)
- Database Password: ***** (highlighted with a red border)
- Admin Email: info@lap-fr
- Mail Password: (empty)

- 9) Enter or update any other parameters as necessary.
- 10) Select the Help button, for information on any field.
- 11) Select the Test button to check the parameters. **Tip:** The parameters will only save after they have been verified.
- 12) If an entry is unverifiable, it will display with a red X. Correct the entry and re-select Test.
- 13) Once all fields are verified, click the Save button to proceed.

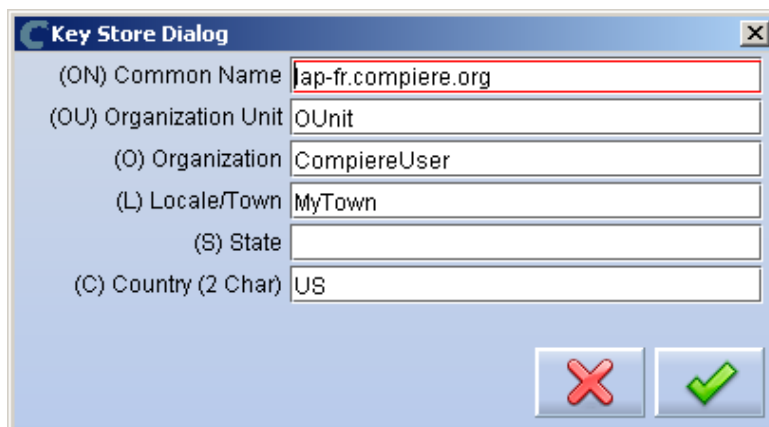
The screenshot shows the 'Compiere Server Setup' window with the following fields and values:

- Java Home: c:\Program Files\Java\jdk1.5.0 (with green checkmark)
- Compire Home: C:\Compiere2 (with green checkmark)
- Application Server: lap-fr (with green checkmark)
- Deployment: C:\Compiere2\jboss\server\co (with green checkmark)
- Web Port: 80 (with green checkmark)
- Database Server: lap-fr (with green checkmark)
- Mail Server: lap-fr
- Mail User: info
- Java VM: sun
- KeyStore Password: ***** (with green checkmark)
- Server Type: jboss
- JNP Port: 1099 (with green checkmark)
- SSL: 443 (with green checkmark)
- Database Type: oracleXE
- Database Search: xe
- System Password: *** (with red X)
- Database Password: ***** (with red X)
- Admin Email: info@lap-fr
- Mail Password: (empty)

- 14) At the prompt enter your company information as appropriate and verify that the common name is the address of your application server.

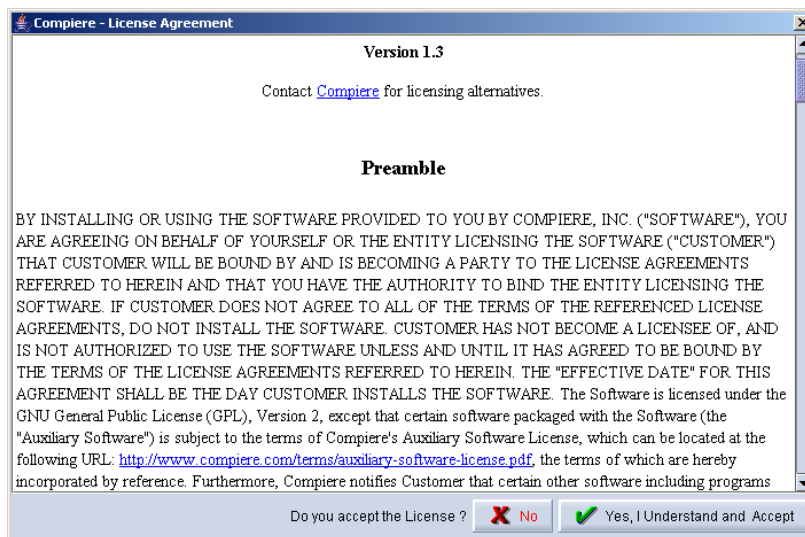
Hint: This information is used to create a certificate request which could be sent to a security vendor or (by default) used to create the self signed certificate.

- 15) Once all fields are complete, click OK to continue.

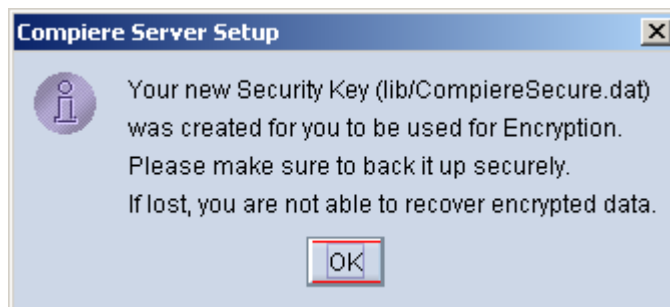


- 16) Next, read and accept the license agreement.

Hint: You might get more than one license agreement, depending on the applications that you are installing.



- 17) A default security key will be generated, click OK to continue.



18) As an optional step you can register with Compiere the details about your current installation

Current customers should provide the subscriber information (System Name, Email and Password) exactly as it was registered in the Compiere Web Store to get a complete list of applications.

Click Check Available Applications to get a list of applications that are available to be installed

The screenshot shows the 'Compiere Server Setup - Release 3.0.2' window. It has a menu bar with 'File' and 'Help'. Below is a 'Please Register (optional)' section with fields for 'Your Name', 'Company', 'Industry', 'Country', 'Your EMail', 'Phone', 'Employees', and 'State'. The 'Industry' and 'Country' fields are dropdown menus. Below this is the 'Subscriber Information' section with fields for 'System Name', 'Registered EMail', and 'Password'. A 'Check available Applications' button is located below the subscriber information. At the bottom, there is a 'Select Applications' section with a table. The table has two columns: 'Application' and 'Action'. Below the table, there is an 'Add Application' button and a status bar showing 'Install:0, Migrate:0 of 0'. At the bottom right, there are two buttons: a red 'X' and a green checkmark.

Application	Action

19) Select the applications that you would like to install. You can include additional applications by using the button Add Application.

By default all available applications will be installed. If you do not wish to install one of them you should change the action field from "New Install" to "-None-". Notice that Compiere Core is a mandatory prerequisite.

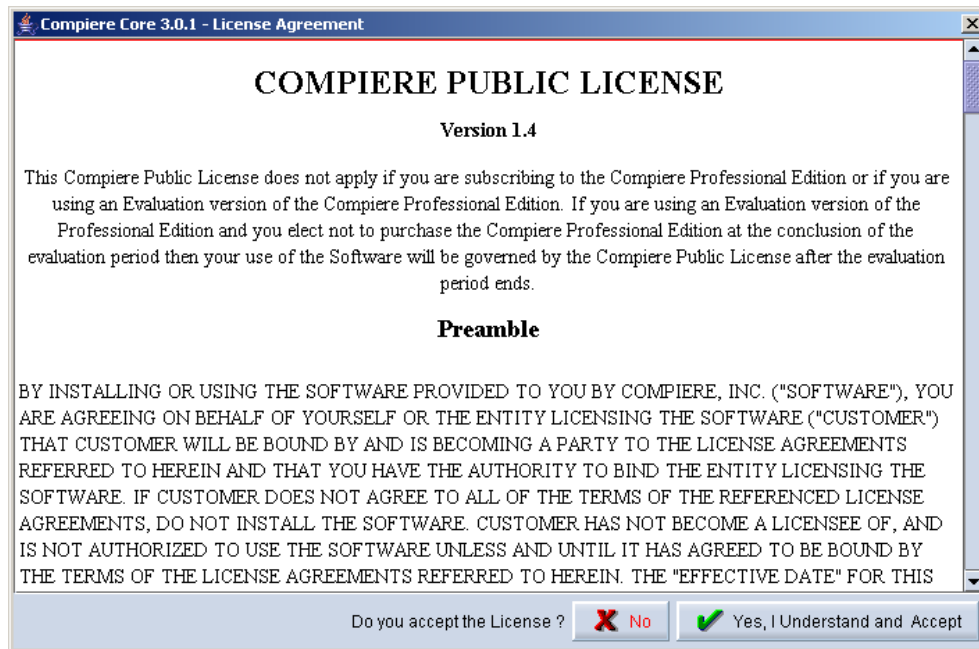
Select the OK button to continue

The screenshot shows the 'Compiere Server Setup - Release 3.0.2' window. The 'Please Register (optional)' section is empty. The 'Subscriber Information' section has 'System Name' filled with 'My System', 'Registered EMail' filled with 'email@compiere.org', and 'Password' filled with '*****'. A 'Check available Applications' button is located below the subscriber information. At the bottom, there is a 'Select Applications' section with a table. The table has two columns: 'Application' and 'Action'. Below the table, there is an 'Add Application' button and a status bar showing 'Install:2, Migrate:2 of 2'. At the bottom right, there are two buttons: a red 'X' and a green checkmark.

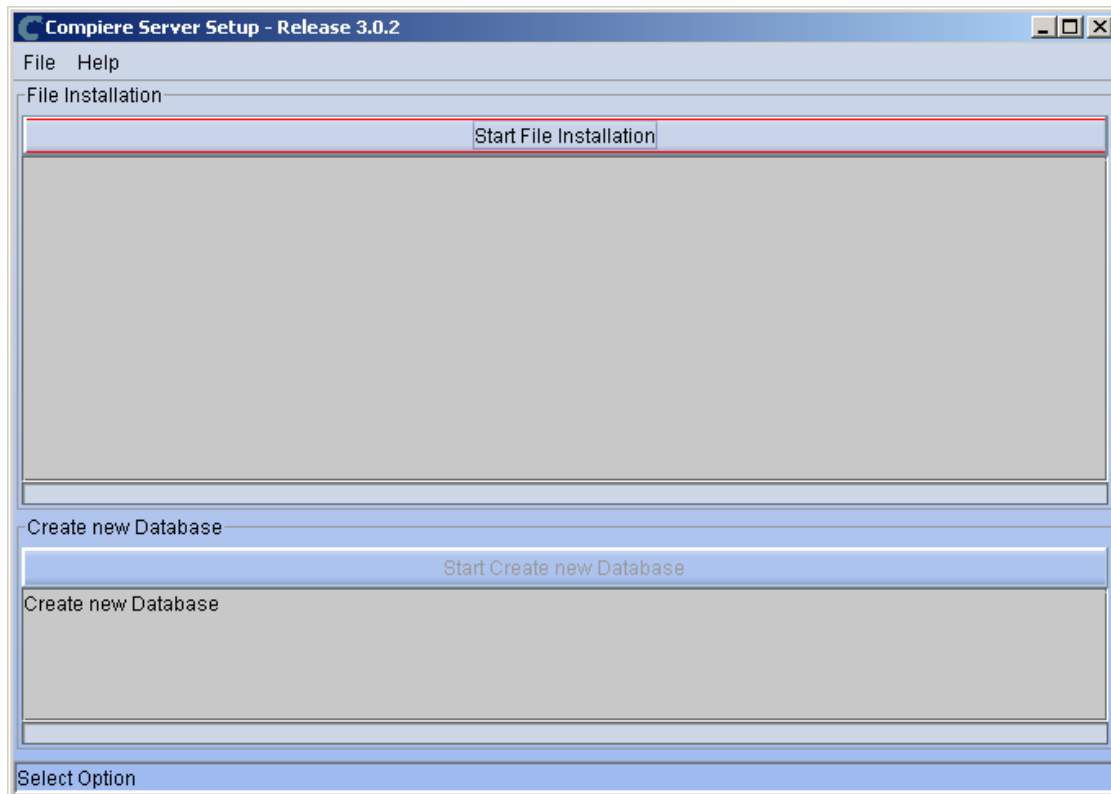
Application	Action
Compiere Core 3.0.1 {Requires accepting License}	New Install
Compiere Professional 1.01 {Requires accepting License}	New Install

20) Next, read and accept the license agreement.

Hint: You might get more than one license agreement, depending on the applications that you are installing.



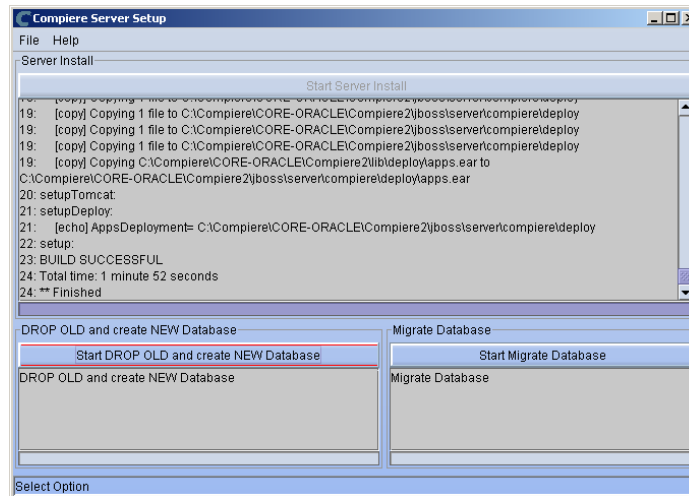
21) After accepting the license agreement the following window will display:



22) Select Start File Installation.

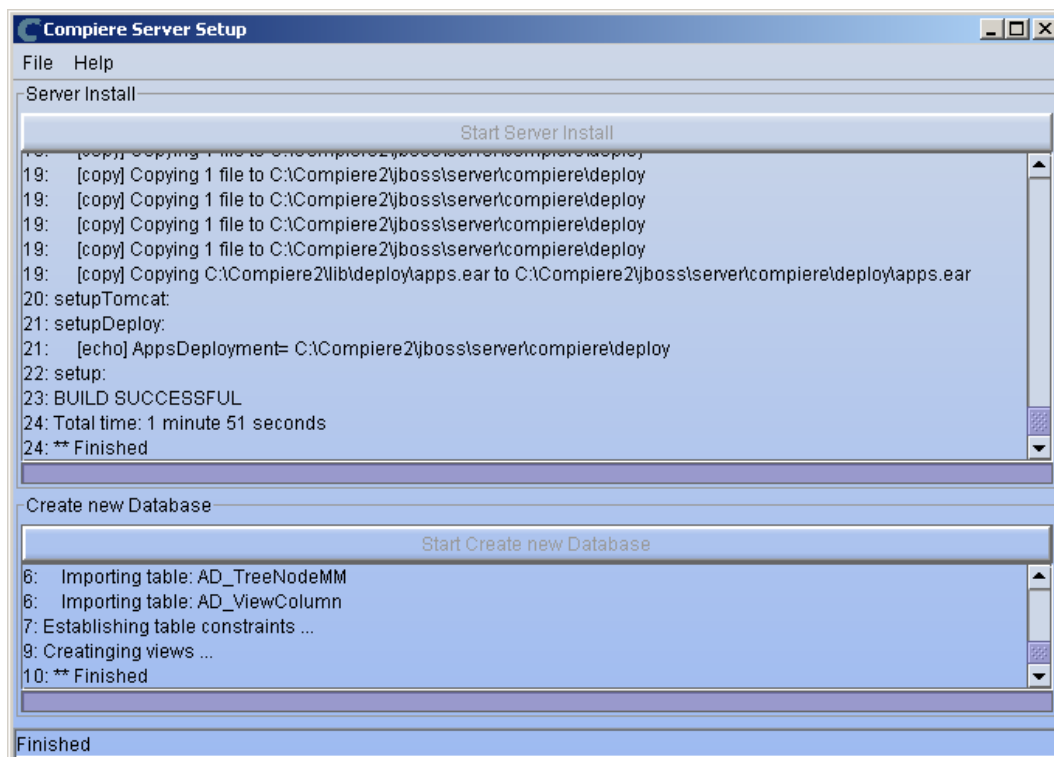
23) Once the file installation is complete, select Start Create New Database.

Note: If you already have a Compiere database in your system, you will be presented with a split panel after 'Start Server Install'. Click the left panel (Start DROP OLD and create NEW Database) if you want to replace the existing database with the new database.



Warning: If you choose to replace the existing database, all data in the existing database will be removed

24) Verify that you see a '10: ** Finished' message at the end of this step. Then a new window should pop-up to do the license validation



Tip: If you only intend to use the Community Edition of Compiere 3.0, you may skip the following steps and go to the Application Server section.

Information: For customers with a valid support contract with Compiere, this is a required step to ensure that the features associated with the support level are enabled. If you are a customer and do not have a web store login, please contact your system administrator or Compiere Support first. If you are not a customer and would like to obtain a trial license for the Professional Edition, use the following steps to register with Compiere.

- Go to www.compiere.com/wstore, and click Login.
- If you are a new user, click 'New User' and provide the required information.
- Then Login to the web store. If you are a new user you will have to validate your e-mail address by providing the validation code that was sent to your email inbox.

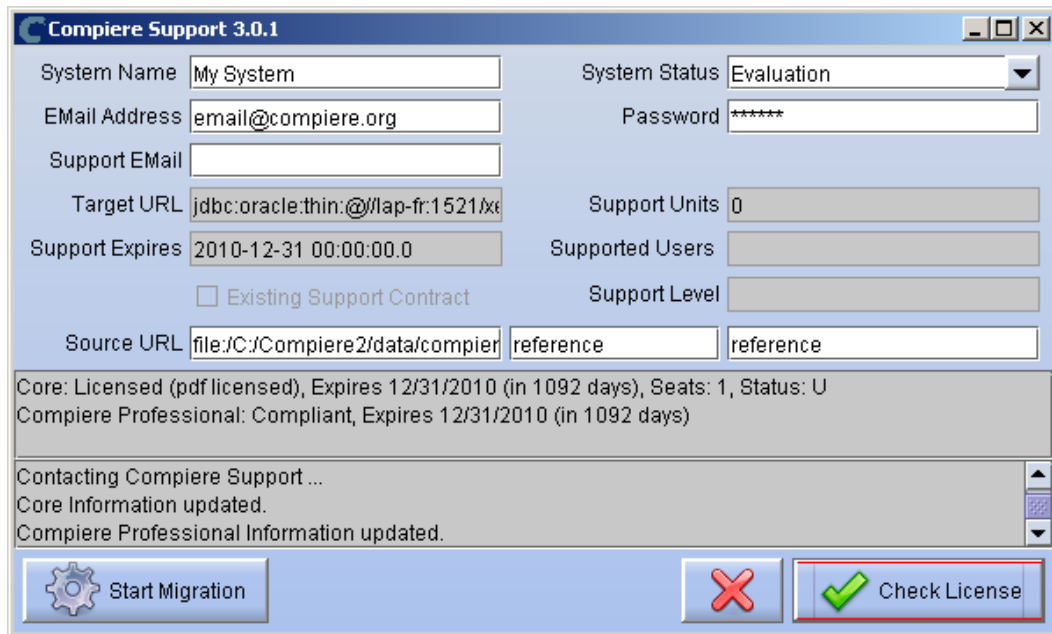
25) Provide the following information exactly as it was registered in the Compiere Web store and click Check License to validate your asset information.

- System Name (name provided in the web store registration)
- Registered Email (email address provided in the web store registration)
- Password (web store password)

26) To verify your license, click the "Check License" button.

Tip: Do not click Start Migration
Notice that internet access is required to validate the license information.

27) Review that your license information has been validated.



Note: If you get the error “You do not have an appropriate license to use this feature” when starting the web UI, then login to the server and execute `utils/RUN_Support` to validate again your license and restart the application server.

28) Close the Support and the Setup windows

Run Application Server

3. Start the Compiere Application Server

- 1) Execute `utils/RUN_Server2`
- 2) There should be no errors. Check the logs in `$COMPIERE_HOME/jboss/server/compiere/log` to verify this.
- 3) Common problems include ports already in use:
 - 17:41:09,085 ERROR [NamingService] Could not start on port 1099
java.net.BindException: Address already in use:
JVM_Bind at java.net.PlainSocketImpl.socketBind(Native Method)
 - There is another program using port 1099; Stop it and restart `Run_Server2` or setup Compiere to use another port in `RUN_setup`.

Likely port conflicts:

- 80 - You have some other web server running (or you need privileges under Linux/Unix)
- 8080 - The Oracle Database uses that
- 1099 - Often used by IDEs for debugging

Start Compiere

4. Start the Compiere Client

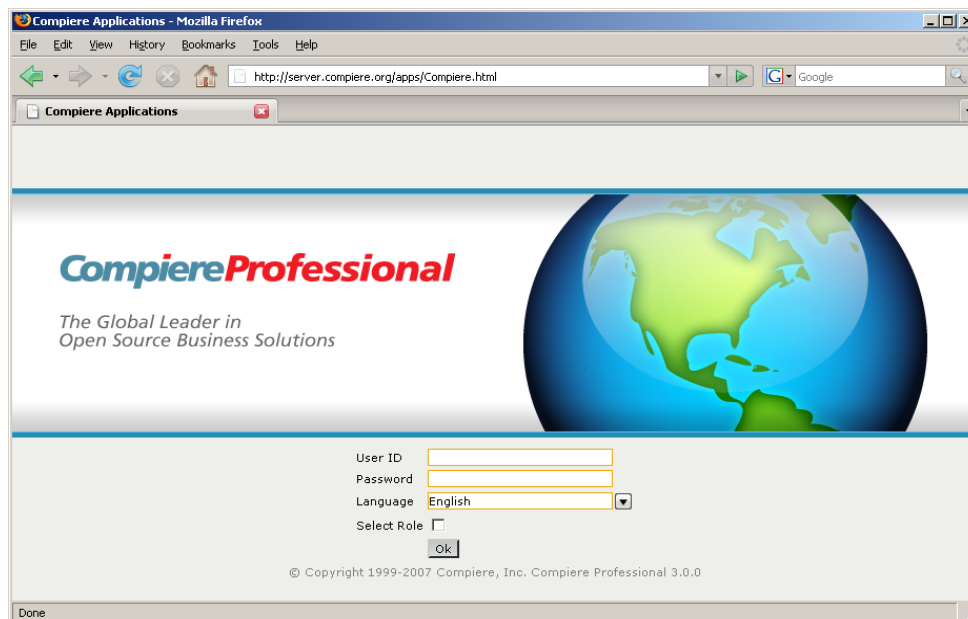
- 1) Start the Swing client by double clicking on the Compiere shortcut in your desktop or by executing **RUN_Compiere2** from the \$COMPIERE_HOME directory.

Default users and passwords for the sample Garden World application:

- GardenUser/GardenUser
- GardenAdmin/GardenAdmin
- System/System
- SuperUser/System



- 2) Alternatively, if you have access to the Professional Edition, you can launch the application from the browser by using the URL: <http://server:port/apps> (e.g. <http://mycompany.com:80/apps>)
Tip: For optimal performance, the Firefox browser is recommended for using the Compiere Web User Interface.



Information: For additional information see the Compiere home page <http://www.compiere.com>.