

IDEMPIERE INSTALLER

June 12, 2012

IDEMPIERE by
LOW HENG SIN
released by
CARLOS RUIZ
installer by **red1**
sponsored by
SYSNOVA
in the picture is
CAROLINE Zajac

'Promise' song by
Toki, red1
lyrics by **red1**
arranged, sang by
Mellow Mark

DOWNLOAD
FREELY FROM
[http://
wiki.idempiere.org](http://wiki.idempiere.org)
or
<http://sf.net/p/red1>

Installer copyright:
Kai Schaeffer 2009
Red1 2012



Get the best and free ERP running in 15 mins!

The world of scalability, performance, components, plugins and big systems is finally here now.



The ERP Bazaar project that grew out of a barn revolution in September 2006 is now closer knit and well-guarded by the top contributors of the house. Carlos Ruiz, Heng Sin and myself under sponsorships of ADAXA (USA/Australia) and SYSNOVA now ensure that the source-code is stable, backward compatible and enjoy a steady but peaceful transition to the latest advanced technology the Open Source world has to offer.

This new project space of www.idempiere.com continues the www.adempiere.com legacy as a decentralized, meritocratic, peer-project. It is not an experiment but follows the ingenious model of

Linus Torvalds' Git versioning and branching system.

The iDempiere project seeks to refocus the energy of the community onto actual and real working source-code work, that is expert led yet openly and organically used and maintained by businesses all over the world.

The iDempiere project and stake-holders keep away from commercial interests or resellers that may misrepresent actual competency and hide faults of the software behind sales speak.

The iDempiere team only listen to needed noise of bugs and fixes, immediately taking steps to rectify them rather than milk more

inefficient profiteering from helpless users.

An open bazaar is nourished by open and free information rather than information hiding for the sake of short term profit first.

We make profit in the long term and strictly on services. We still enjoy good patronage from loyal sponsors all over the world and can ensure this project will grow better than the rest in years to come.

We hope you enjoy the software as well as we have fun working on it. Feedback to us so we know what needs improving in my installer or documentation.

LEGEND

	Big picture, context and understanding
	Steps if nothing goes wrong
	Actual Steps
	Error Solving when something is wrong
	Technical Explanation
	Developers attention only
	Functional



If your role is just to install, then follow exactly the steps that has the icon image on the left of this document panel. Observe the screen displays to be similar and the arrow for your possible actual steps. Ignore the other icons. You can revisit other icons according to the category of your role.

Big Picture - for appreciation of the whole project to decide on its future .

Technical - for more technical understanding on what is happening.

Developer - for debugging the installer source-code (in <http://sf.net/p/red1>).

Functional - for operating the ERP application to confirm its functioning well.



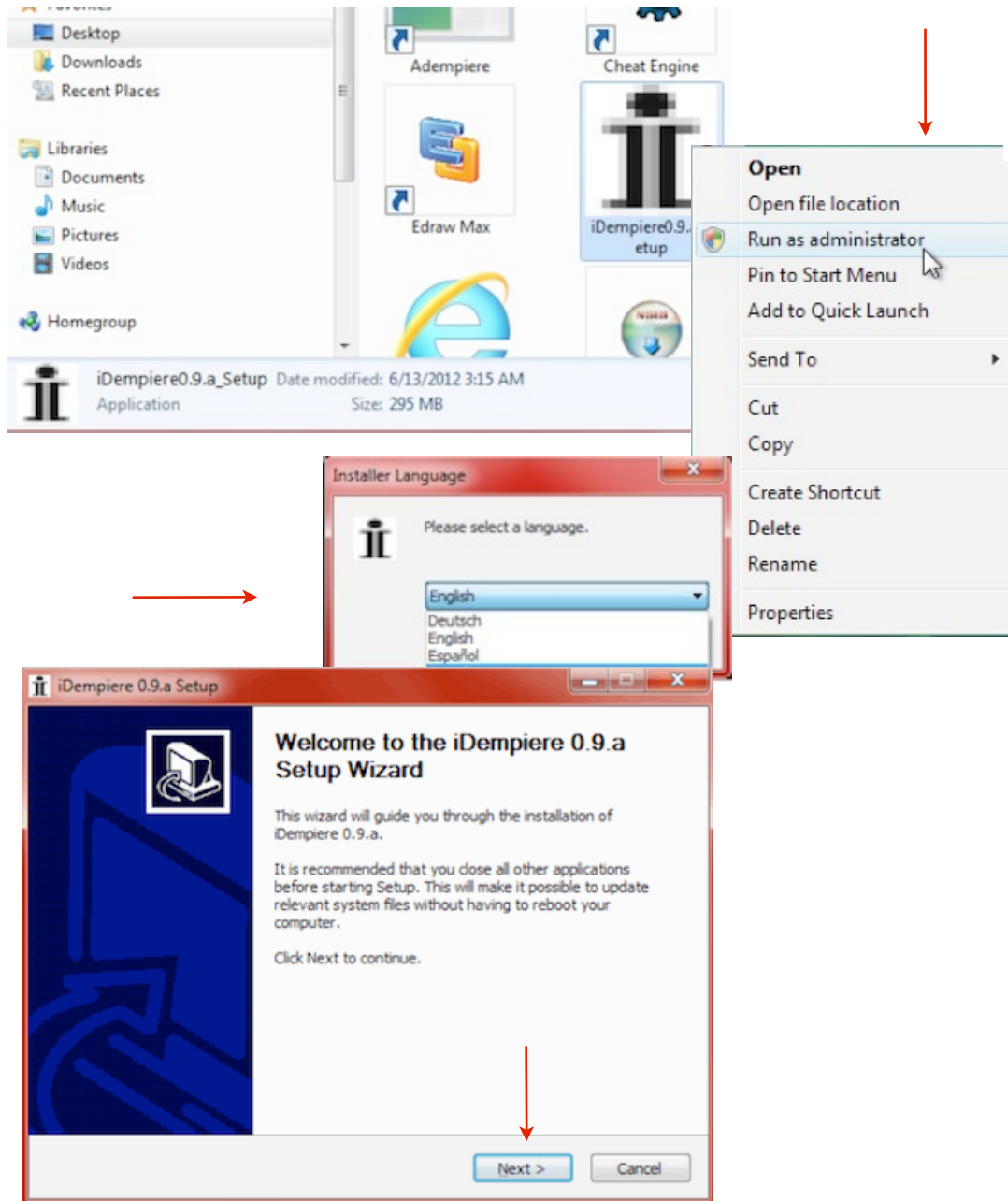
THIS DOCUMENT DESCRIBES THE USE OF IDEMPIERE 0.9.b
 - how to install - how to solve issues setting up -
 - how it works minimally -
 Version of this document - 0.9.b

This is a beta release pending an imminent production release of IDEMPIERE 1.0
 DATED 15th June 2012



After downloading iDempiere 0.9.b Windows Installer (upgraded from 0.9.a)

1. Right click on it, Select **Run as administrator**
2. Then you can select your language for the menu to continue in



Ensure your computer name is easy to remember or typable for future convenience. If you have previous ADempiere, you can still proceed as this will only install iDempiere in a fresh location but over-write your PostgreSQL database, so it is good if you back it up first. But tell you what, why not get a new Windows machine to put this in?

The languages provided are many for the menu to appear in, but it depends on your Windows language pack. If you are in Romanised English you won't see the other exotic language formats.



iDempiere is ADempiere version 361 that is been migrated by Low Heng Sin onto an Equinox OSGi platform. Carlos Ruiz at the same time began making his code maintenance only on the same codebase 361 and join forces to ensure of this first production release. Heng Sin made many enhancements onto this while perfecting the OSGi porting.

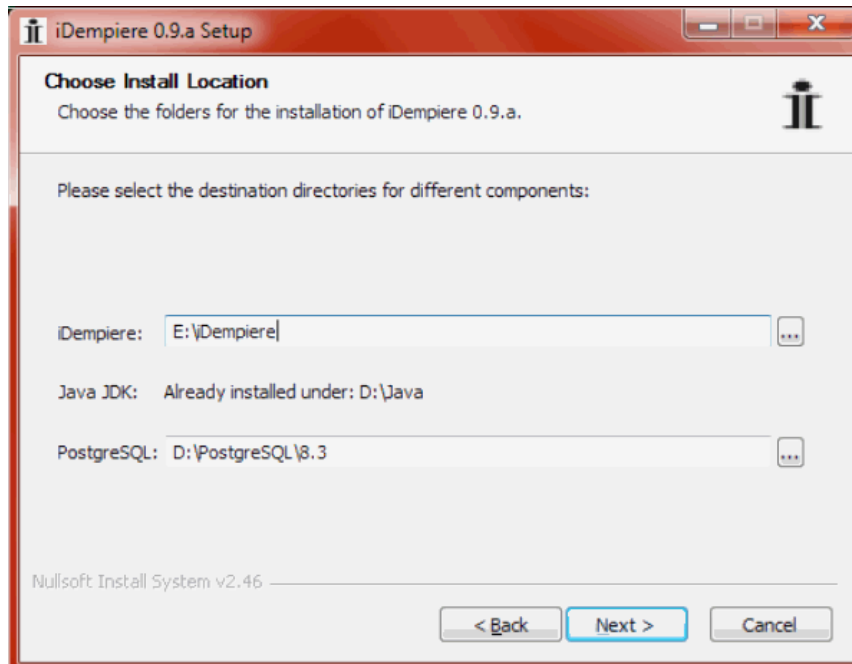
Among which is the use of UUID which will remove any PK ID conflict ever. He has refactored a lot of code particularly in the GUI packages and 2Pack import/export toolset.

His work is not entirely his alone. He stood on the shoulders of giants within and without our ADempiere project.

Carlos Ruiz is one of the most productive and observant member of the project where useful improvements from both Compiere and ADempiere usage arrive at this project in matter of hours upon his careful review. I have spent some weeks staying with Carlos Ruiz last January 2012, and I find him to be a multi-tasker in front of the PC and highly experienced with many toolsets. He could be talking, typing and waging a cyber-war at the same time. He does them too fast. I have no idea what he is capable of.

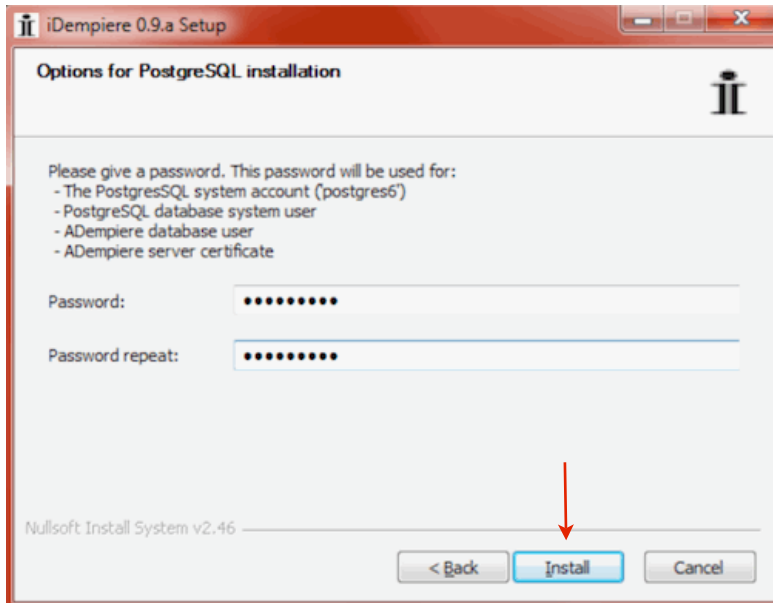


3. Fill in the target directory of your iDempiere. You may change any drive or directory name according to your machine. It will create the dir if not existing.
4. In this case it is E:\iDempiere and it detected Java was installed so it will not do so. Otherwise you have to accept the presets or change them.
5. If the database is not installed before, it will do so as D:\PostgreSQL\8.3





6. Fill in 'adempiere' as the passwords. Press enter or click on Install.

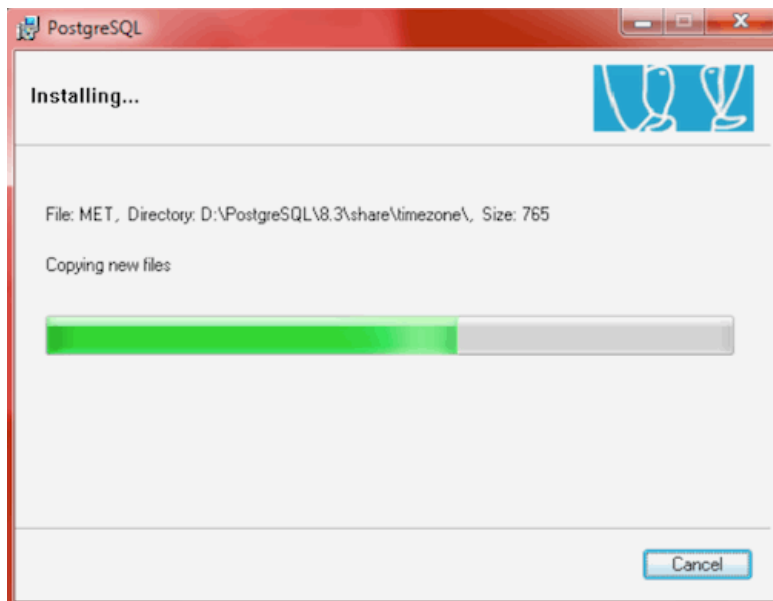


The target directory has been preset to E:\iDempiere. If you do not have drive E, then change to C or D.

The password is hard-coded during Import of Database so you have to set it as **adempiere** here too. If your old Database is not similar you can back it up and uninstall it for a fresh install. But tell you what, why not get a new Windows machine to put this in?

The reason for a common password is for easier trouble-shooting as many of the issues that cropped up are during initial steps.

Later if you see a pop up panel window below, it means the database engine installation is progressing well. Note the messages displayed.





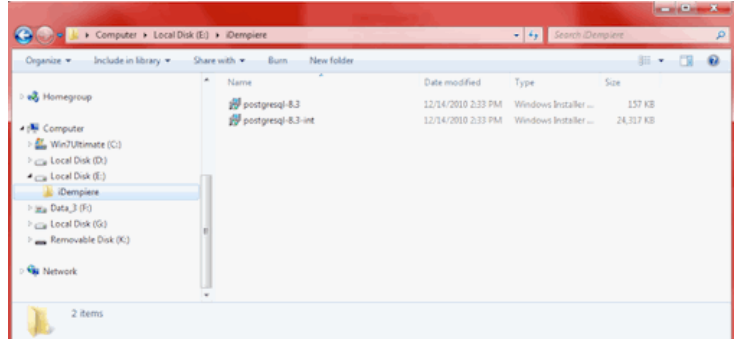
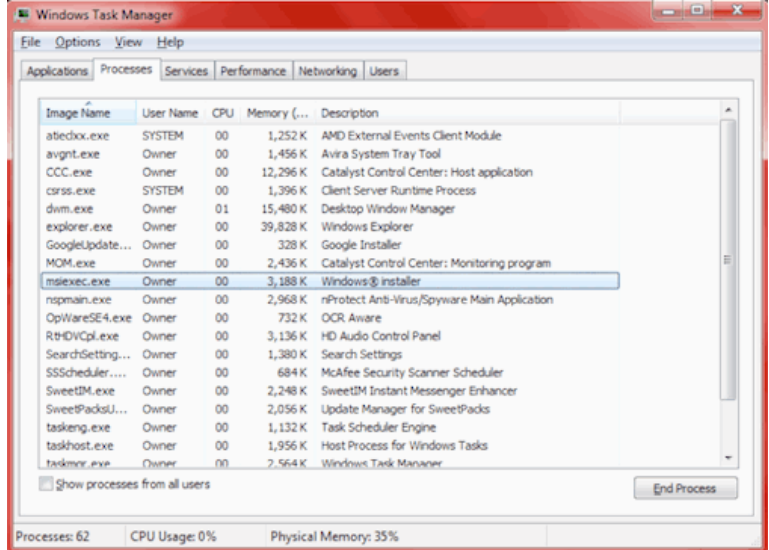
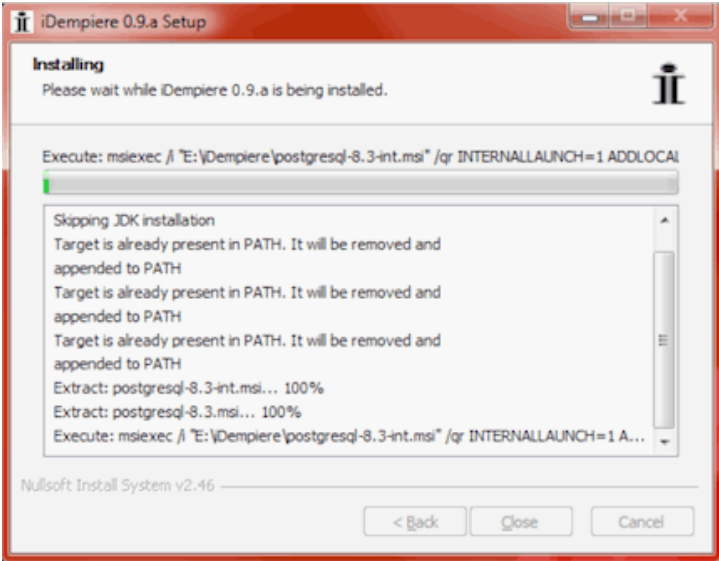
When the PostgreSQL database engine installation is going on well, your screen pop-up will display 'Execute' line as shown on the right.

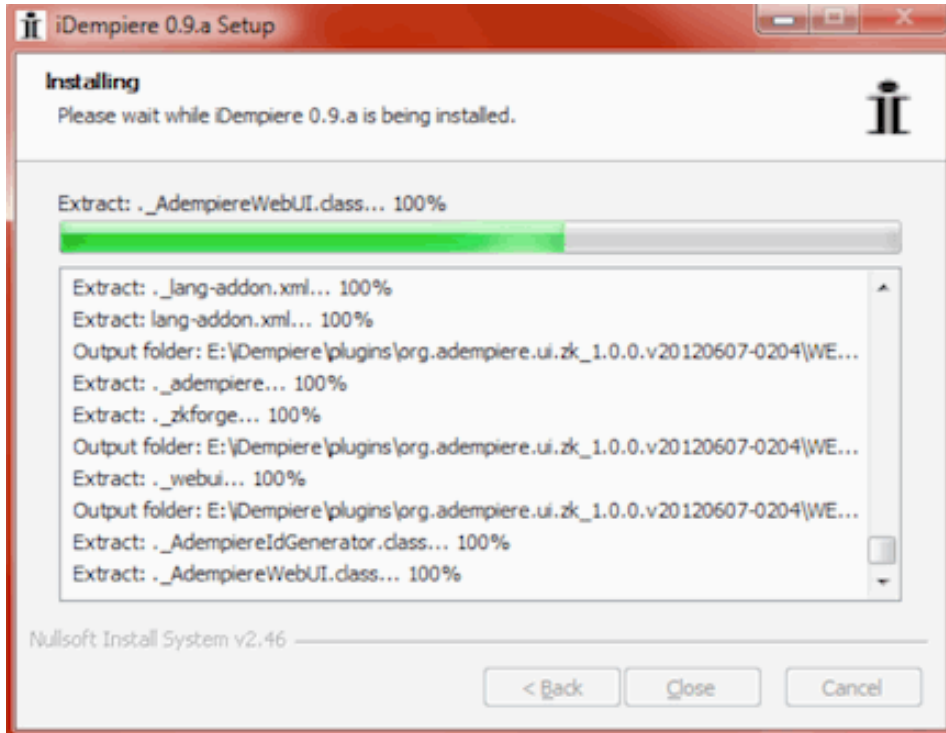
If you are familiar with the Task Manager in Windows (Ctrl+Alt +Del) you can see as shown in next screen where the Processes tab has a line **msiexec.exe Windows installer**. This shows your installation is working in memory.

You need to know this if you abort your installer half-way and the process is still left hanging in memory. Then you can come here to check and end the process manually.

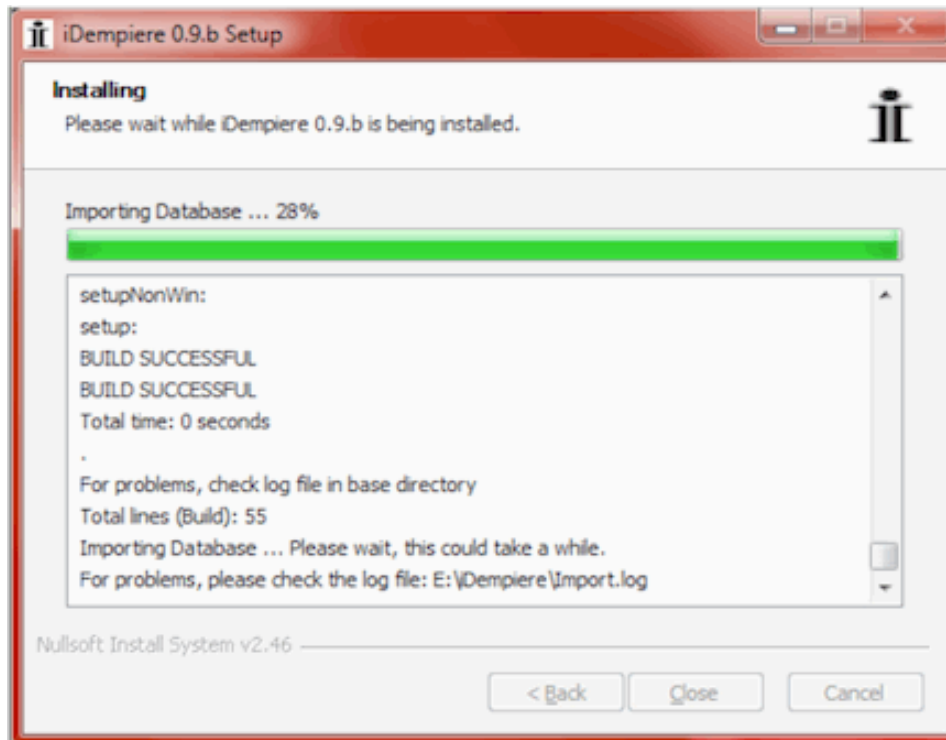
The last screen below is peeking into the directory explorer where the target drive was created and has the needed application files. In this case its the database engine app. If Java is needed so will they appear too.

As soon as the DB installation is over, the working files will be removed and the **idempiere-server** and its contents will be copied there. Then **iDempiere** setup and Import of the database happens. That will then quite complete the whole installation process.



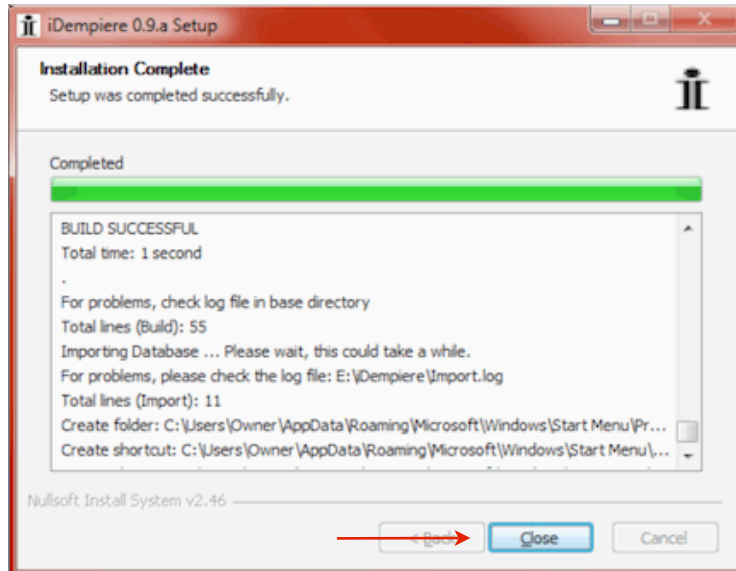


You will note that next thing after full extraction of idempiere-server contents and adempiere-client, it will do the setup of the iDempiereEnv.properties. Lastly the Importing of Database will happen. It is actually doing DBRestore of the ExpDat that is the ADempiere 360LTS upgraded to all changes done by Carlos Ruiz according to what Heng Sin ported further to the OSGi framework.

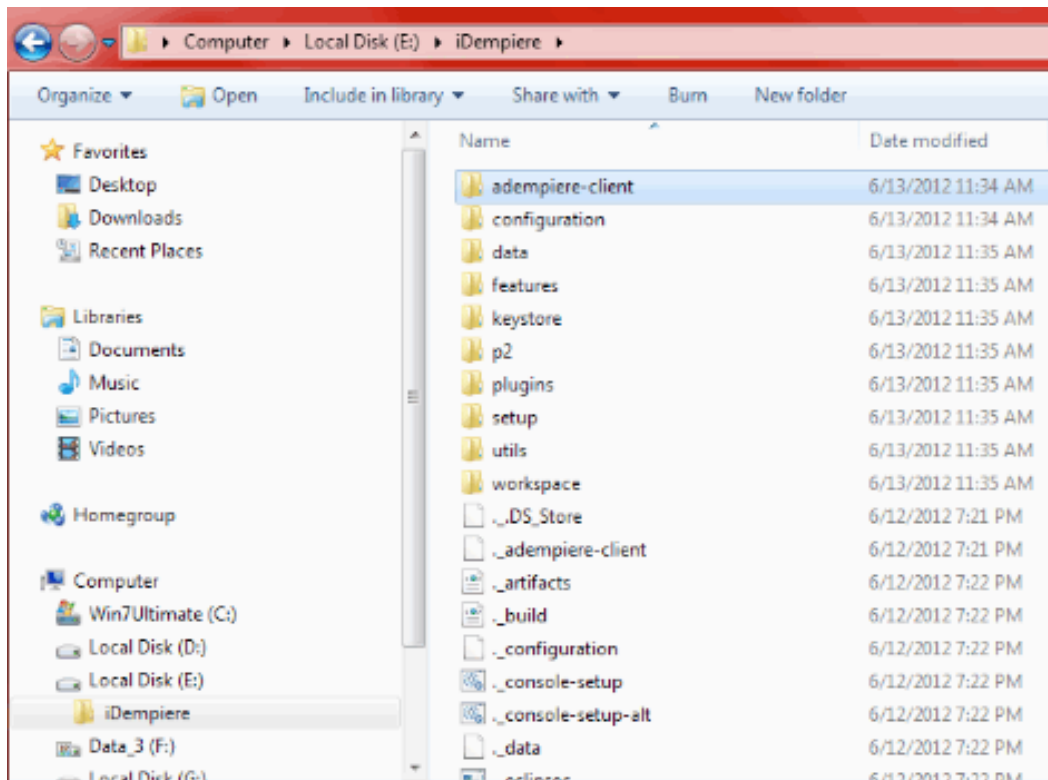




- In the end it shows the Completed status with BUILD SUCCESSFUL inside the logs. Note that it ask you to refer to Import.log for details of the database restore. You can click on the Close button.

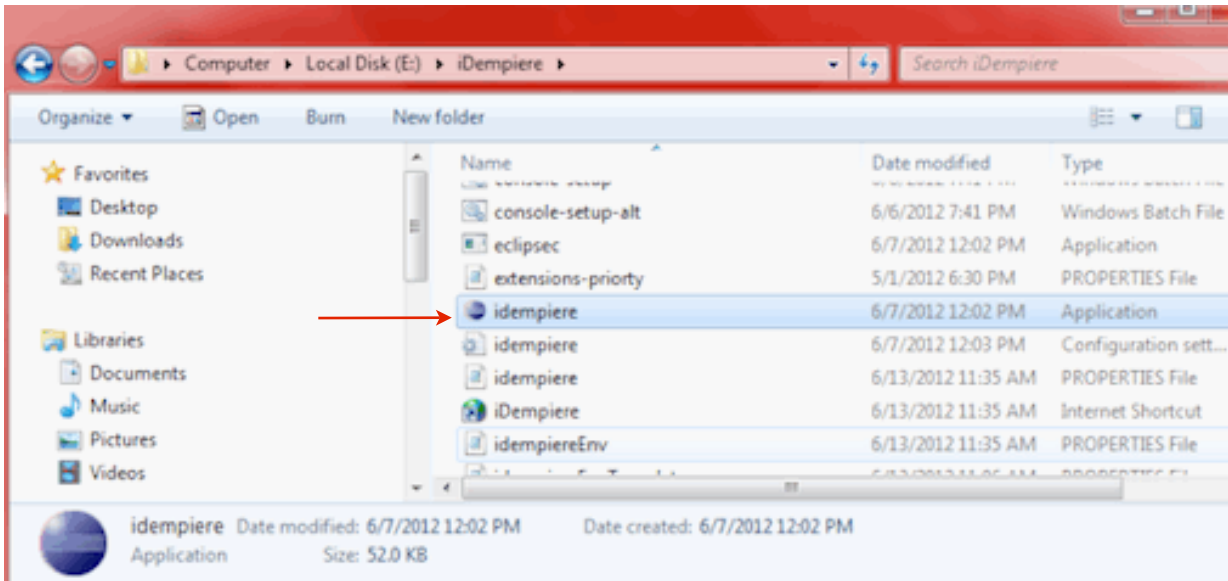


Now you can go into your installed directory to see the newly placed idempiere-server with adempiere-client in it. Next we will run both of them to see them working.

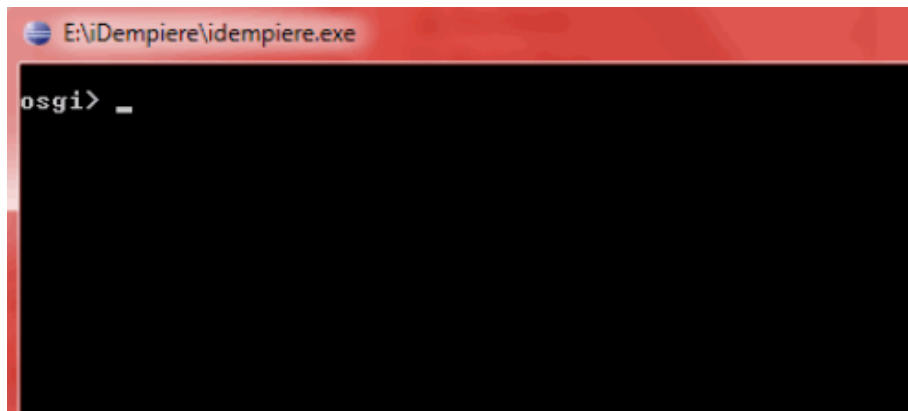




8. Go lower in the contents and you can see iDempiere.exe or idempiere-server.bat. Both will do the same thing. Choose either one and launch it by opening or double-clicking it. There should be a shortcut created for this in the Desktop.



What will pop up is a DOS terminal window that shows an **osgi** prompt. You can type 'ss' anytime into that prompt and it will give you the status of all the iDempiere bundles as shown on next page.



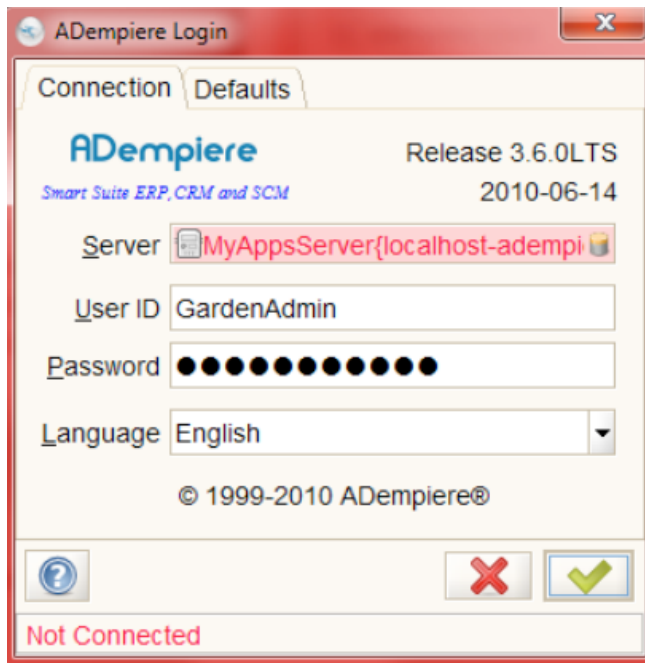
```

199 <<LAZY>> org.eclipse.equinox.p2.console_1.0.300.v20110815-1419
100 <<LAZY>> org.eclipse.equinox.p2.core_2.1.1.v20120113-1346
101 <<LAZY>> org.eclipse.equinox.p2.director_2.1.1.v20111126-0211
102 <<LAZY>> org.eclipse.equinox.p2.engine_2.1.1.R37x.v20111003
103 <<LAZY>> org.eclipse.equinox.p2.garbagecollector_1.0.200.v20110815-1419
104 RESOLVED org.eclipse.equinox.p2.jarprocessor_1.0.200.v20110815-1438
105 <<LAZY>> org.eclipse.equinox.p2.metadata_2.1.0.v20110815-1419
106 <<LAZY>> org.eclipse.equinox.p2.metadata.repository_1.2.0.v20110815-1419
107 <<LAZY>> org.eclipse.equinox.p2.q1_2.0.100.v20110815-1419
108 <<LAZY>> org.eclipse.equinox.p2.repository_2.1.1.v20120113-1346
109 <<LAZY>> org.eclipse.equinox.p2.touchpoint.eclipse_2.1.1.v20110815-1419
110 <<LAZY>> org.eclipse.equinox.p2.touchpoint.natives_1.0.300.v20110815-1419
111 <<LAZY>> org.eclipse.equinox.p2.transport.ecf_1.0.0.v20111128-0624
112 ACTIVE org.eclipse.equinox.preferences_3.4.2.v20120111-2020
113 ACTIVE org.eclipse.equinox.registry_3.5.101.R37x.v20110810-1611
114 <<LAZY>> org.eclipse.equinox.security_1.1.1.R37x.v20110822-1018
115 <<LAZY>> org.eclipse.equinox.simpleconfigurator.manipulator_2.0.0.v20110815-1438
116 ACTIVE org.eclipse.equinox.util_1.0.300.v20110502
117 ACTIVE org.eclipse.gemini.web.core_2.0.1.RELEASE
118 ACTIVE org.eclipse.gemini.web.extender_2.0.1.RELEASE
119 ACTIVE org.eclipse.gemini.web.tomcat_2.0.1.RELEASE
Fragments=56
120 ACTIVE org.eclipse.osgi.services_3.3.0.v20110513
121 RESOLVED org.eclipse.virgo.util.common_3.0.1.RELEASE
122 RESOLVED org.eclipse.virgo.util.io_3.0.1.RELEASE
123 RESOLVED org.eclipse.virgo.util.math_3.0.1.RELEASE
124 RESOLVED org.eclipse.virgo.util.osgi_3.0.1.RELEASE
125 RESOLVED org.eclipse.virgo.util.parser.manifest_3.0.1.RELEASE
126 <<LAZY>> org.hancrest.core_1.1.0.v20090501071000
127 RESOLVED org.junit_4.8.2.v4_8_2.v20110321-1705
128 ACTIVE org.restlet_2.0.14.0
129 RESOLVED org.restlet.ext.servlet_2.0.14.0
130 RESOLVED org.sat4j.core_2.3.0.v20110329
131 RESOLVED org.sat4j.pb_2.3.0.v20110329
132 RESOLVED org.springframework.aop_3.0.5.RELEASE
133 RESOLVED org.springframework.beans_3.0.5.RELEASE
134 RESOLVED org.springframework.context_3.0.5.RELEASE
135 RESOLVED org.springframework.core_3.0.5.RELEASE
136 RESOLVED org.springframework.osgi.core_1.2.1
137 RESOLVED org.springframework.osgi.io_1.2.1
138 <<LAZY>> org.zkoss.zk.library_6.0.0.v20120607-0204

```

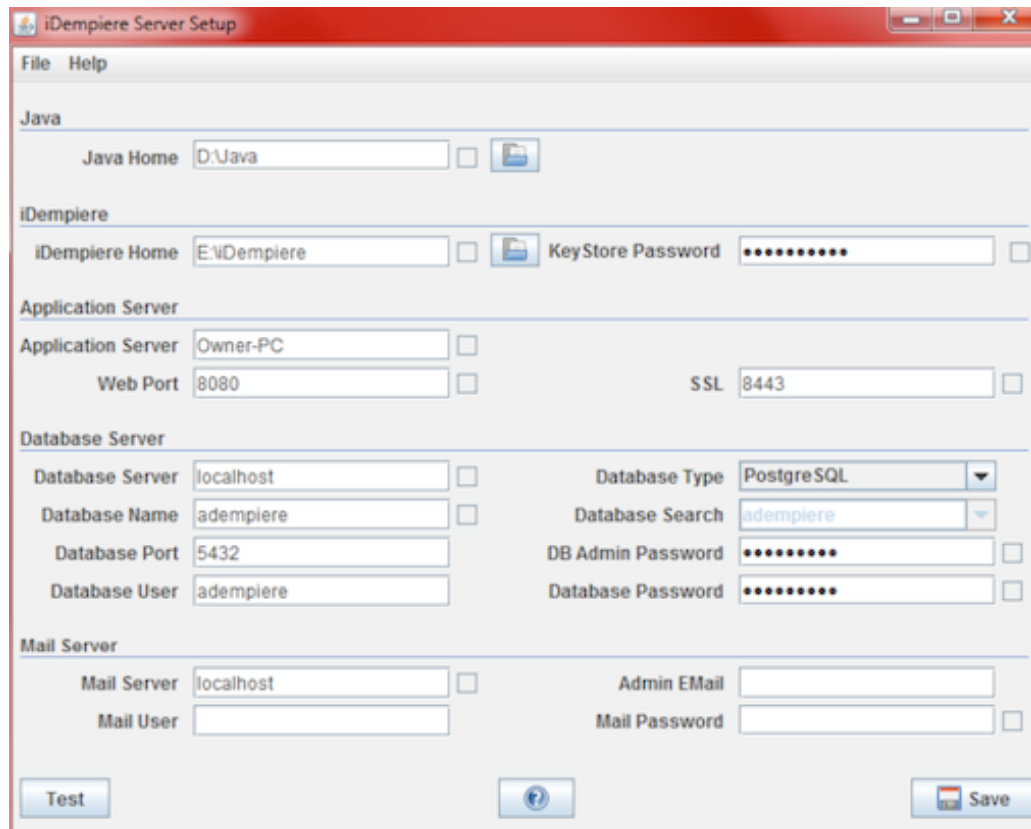
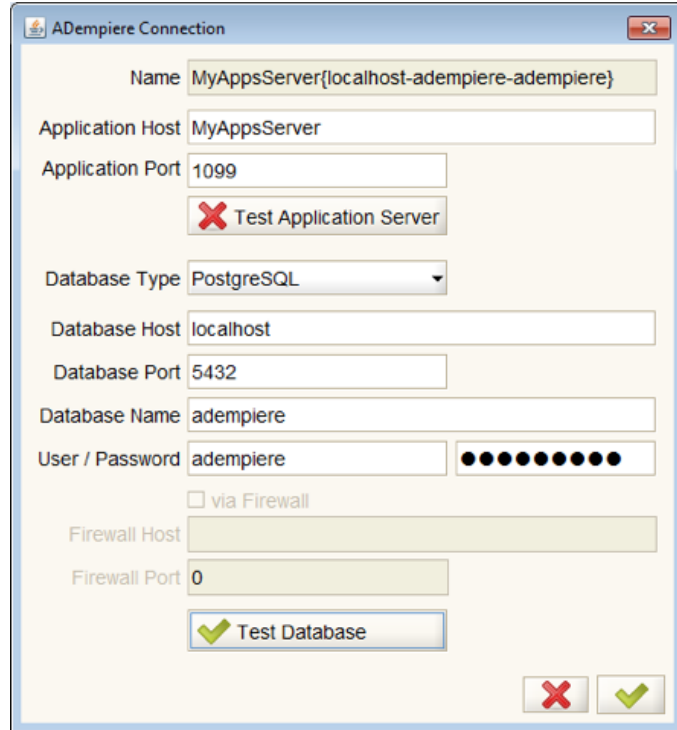


You can control the bundles for example by keying in 'start 138 above, you will turn the <<LAZY>> bundle to ACTIVE. This is sometimes necessary as some bundles are really lazy and slow to wake up. It may take some time before you can operate the iDempiere apps fully. But for the client it seems to run better. Just launch it from the adempiere-client directory and run adempiere-client.exe



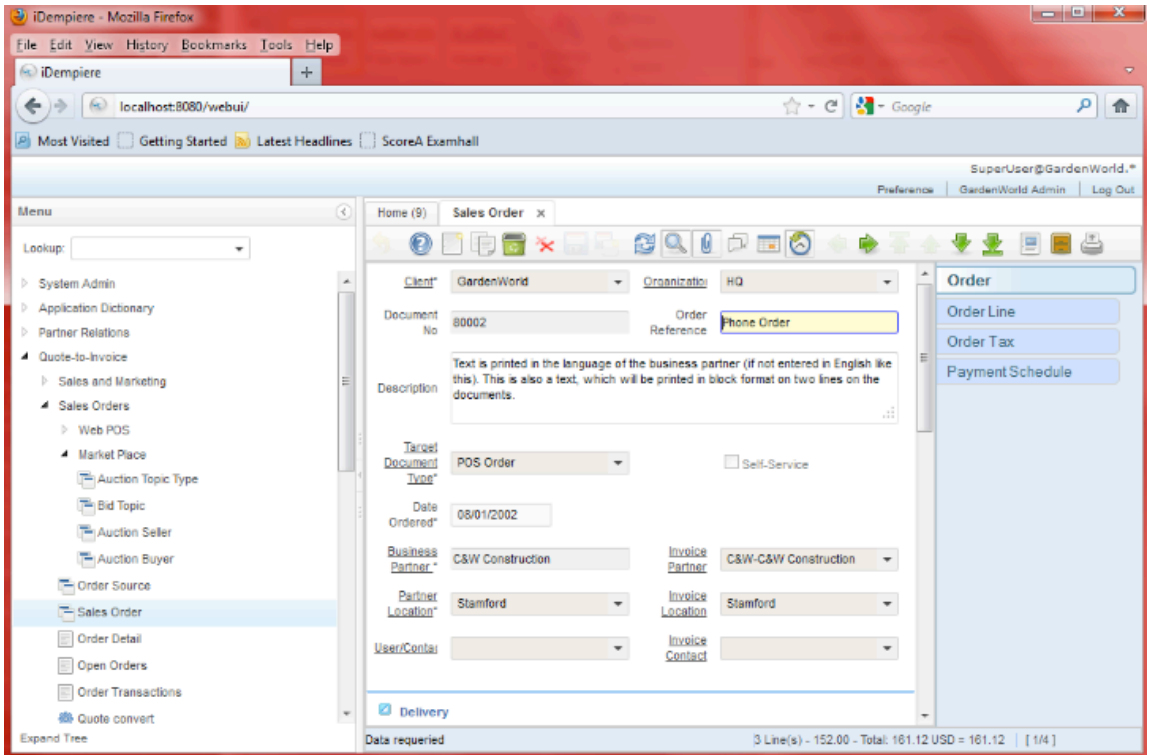
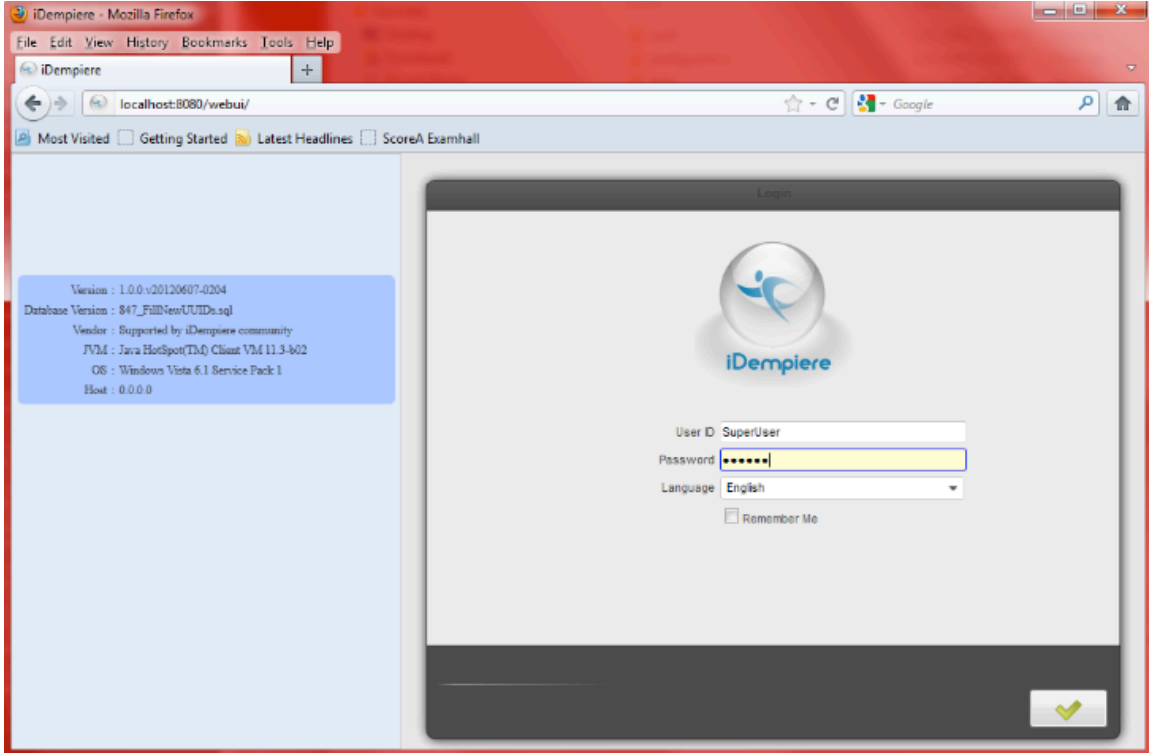


You can check the DB connection properties to be OK first by the usual icon on the top left of the previous window. At below you can see if the values are as below. If not you do that manually or run the setup again such as setup-alt.bat in the next screen.



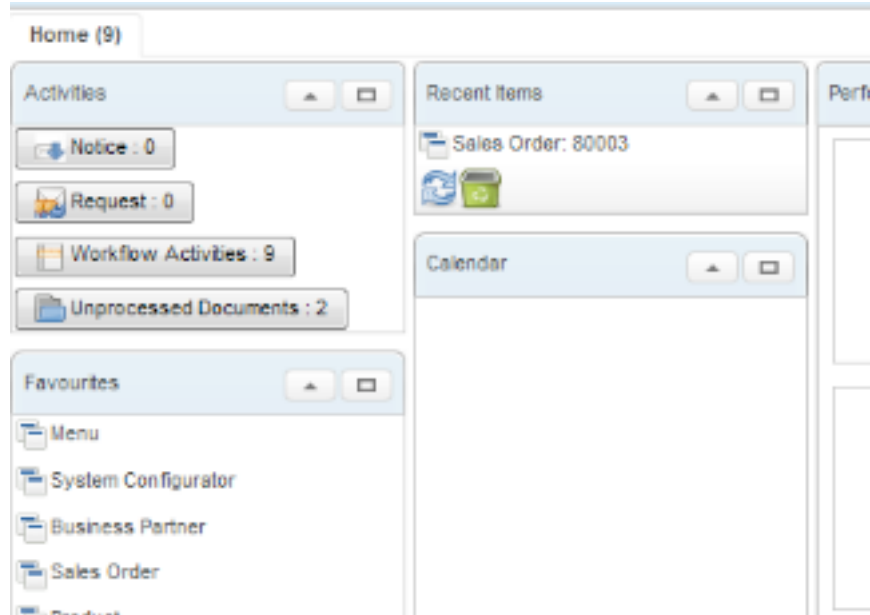


Now we are all clear to do some functional steps. After launching the **idempiere-server** OSGi bundles, you can assess the Ajax UI from the browser by `http://localhost:8080` and login as usual SuperUser/System and in the ERP call up a Sales Order to make a simple order.

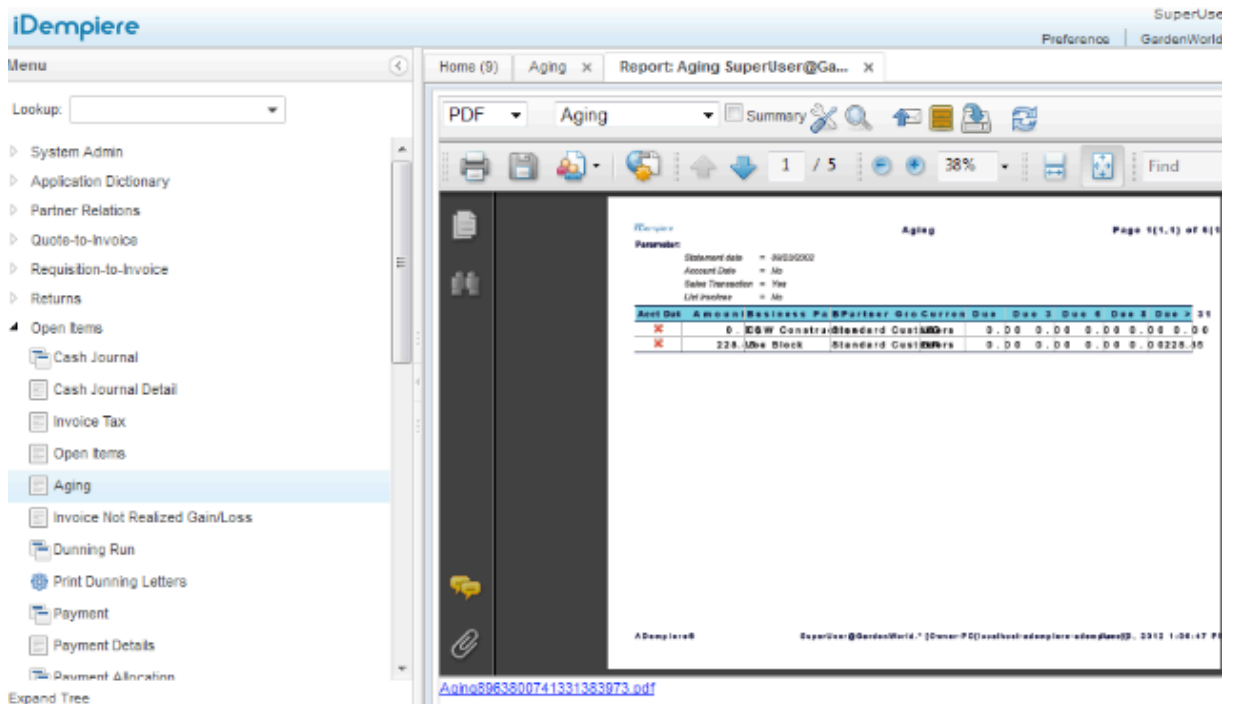




Then when you refresh back the Main panel, you can see under the **Recent Items** that it works - a Sales Order is recorded as a recent item with a link to call it up for Sales Order display. This is a new feature in iDempiere inspired by the same in Compiere.

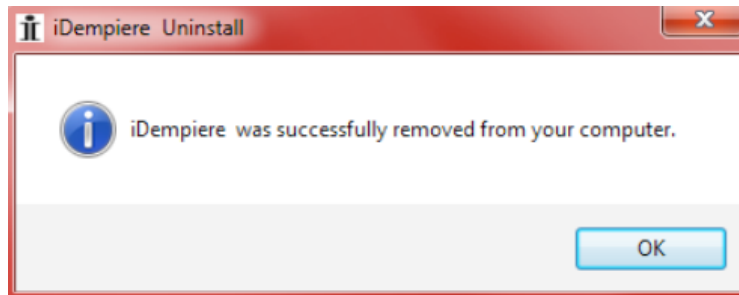
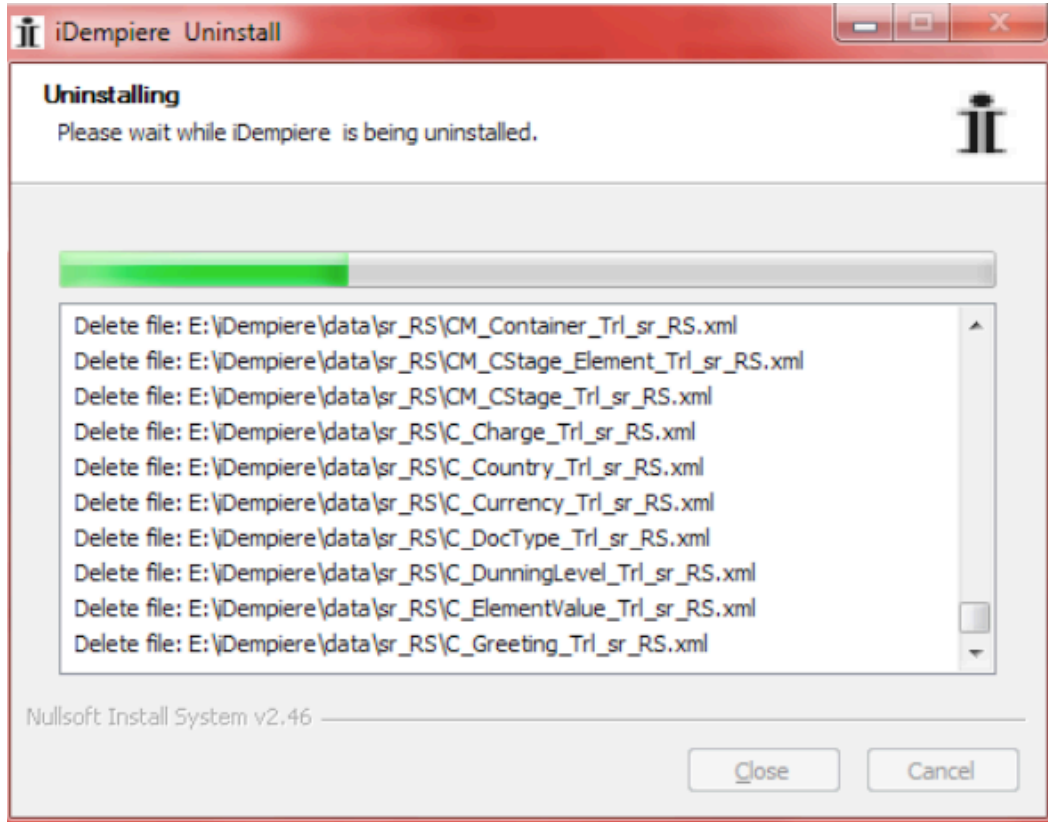


Other things work as well such as the Aging analysis report shown below. The PDF link is created for you to store it locally.



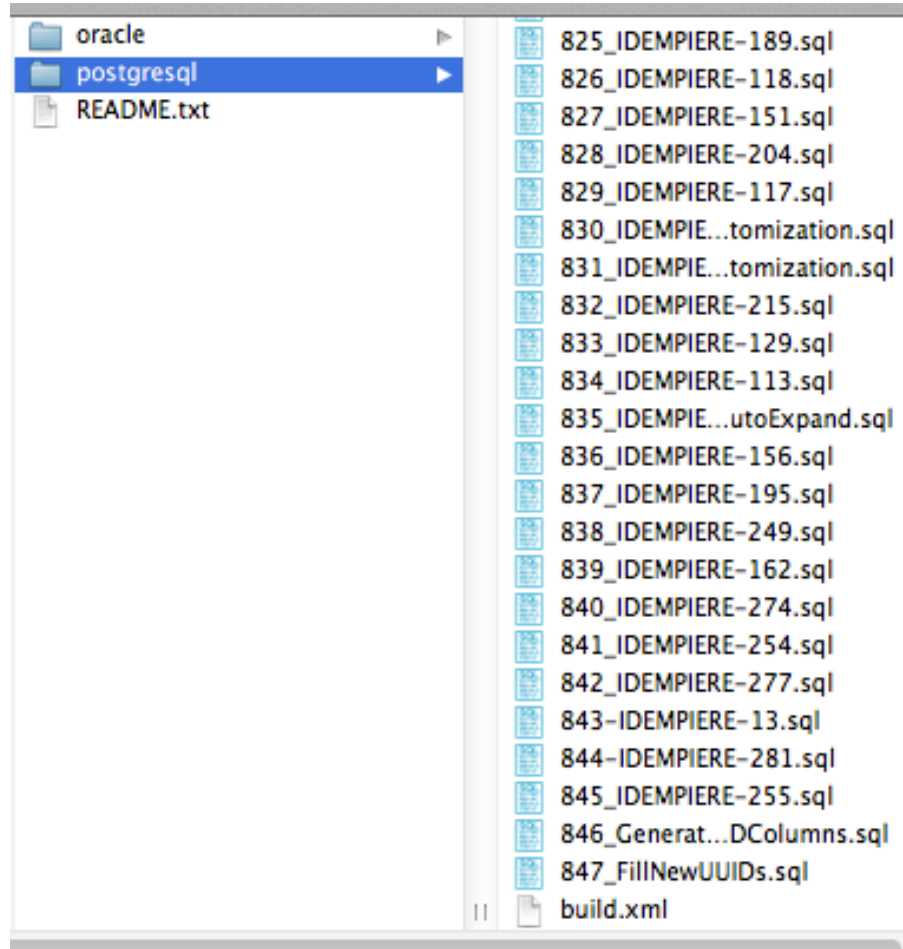


If you are unhappy with your iDempiere which raises alot of alarm bells because it is free, coming from a chaotic project with no structure, society or proper elections of officials, you can always do one thing - uninstall it. Below is how it gets done. After that, you can delete any remaining folders in the computer. No disk is harmed in the process.



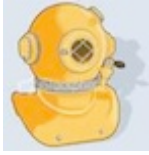


However you may be not only happy to have iDempiere but wishes to migrate from ADempiere 360LTS to this. Well that is easily accomplished because the Database dump that was used here is actually migrated from the 360LTS using migration scripts from <https://bitbucket.org/idempiere/idempiere>. Refer to <http://hg.idempiere.com> for more information.



The usual way of running migration scripts is all you need. In conclusion, the iDempiere version of ADempiere is fully ready for production release anytime soon. Do visit either its landing page www.idempiere.com or keep track via <http://red1.org/adempiere> forums to see further ongoing conversations around this project.

If you have more queries please use the public forums as private assistance is not free. You can always find my free stuff and social sites I subscribed via www.red1.org



source-code repository: <http://bitbucket.org/idempiere/idempiere>)

latest commit: Revision [9a1a8397310a](#) - June 9, 2012

last migration script: [847_FillNewUUIDs.sql](#) - June 8, 2012

NSIS resource - <http://svn.code.sf.net/p/red1/small/trunk/WindowsInstallerWORK>

NSIS core scripts:

[InstalliDempiere.nsi](#) - main logic

[CustomPages.nsh](#) - for dialog fields handling

[InstallerSettings.ini](#) - for reference such as version display, no. of lines percentage

[RUN_RestoreADempiereMSI.bat](#) - importing of database plus migration scripts

[StdIn.txt](#) - passing of arguments directly into console-setup-alt.bat,

as shown below, corresponding <enter> keys and required values. 'adempiere' password is passed in hardcoded form until later passing is done via variables.

These arguments are passed during:

```
ExecDos::exec /NOUNLOAD /TOFUNC "$INSTDIR\console-setup-alt.bat" <
$INSTDIR\StdIn.txt'
```

```
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11
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13 2
14 localhost
15
16 adempiere
17 adempiere
18 adempiere
19 adempiere
20 localhost
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```



This installer is trying to present the best work of the best people in the project. It was such a pleasure working online remotely with them that when I finally took to the road I sought out the chance to meet them in person. And I did get the rare chance of staying with Carlos Ruiz for few weeks in the months of January and February this year. I also get to meet with Andre Legendre in Paris before and after the trip to Latin America. Andre is important for my vision of the future as he has long coded for the shop-floor of Peugeot 20 years ago that is running till today. He has been rewriting such code as GPL to be based on the plugin framework of iDempiere. I hope to present his seminal work when he is done.

When in Sao Paulo I met with Ricardo Santana and Hilario Fochi as well as Fernando Lucktemberg and Fernandinho that has turned ADempiere to fully comply with local Portuguese terminology and took the highly complex Brazilian Taxation system in stride. It involved a hard 6 years and now will see Brazil ready to rock for the 200 million powerhouse economy of the future.

In Germany, I get to stay up in the attic of Thomas Bayen, a newbie to our project but very resourceful and have been contributing consistently to the German wiki together with one of his friends Thiessen. He also paid my passage into Latin America that made my whole tour into 135 days before I returned last February.

While in Germany I stayed at Dominik Zajac's farm home in Bavaria country and there is where I invited his sister, Caroline to be the mascot of the project. She is set to work on a joint project under Thomas Bayen and me while getting to tour Asia this August for six months. The last page I selected some key biopics to share some of the spirit of Open Source on the open road.

If you like to follow the action, you can add me via facebook <http://www.facebook.com/red1org> or find my name "Redhuan D. Oon" to view the albums I create while on the road around the world.

But if you prefer to be more active, do drop me an email if you have any idea for me to tour your country as well as conduct talks or have some training workshops at the same time to cover costs. I can also recommend the right contacts from all over the world to handle any challenge you may face in your own iDempiere implementation. But do consider SAP first before contacting me.

Remember that Information is Free, People are Not, so I would prefer to avoid private or personal attention except via public publications and forums only.

As Contributors are Priceless, I am always on the lookout for like-minded karma souls that has something to offer. If that is so and you do not know if your work is worth it then you are welcome to write to my email for some humble opinion - red1@red1.org

Lastly I must thank my sponsor, SYSNOVA of Bangladesh whom I often refer to as this angel that came forth when I least expected it.

Thank you for reading this. May Allah/Brahma/Tao/Dharma bless you and your keep.

red1

Kuang farm, Selangor, Malaysia.



PRAGUE, Czech Republic offers beautiful, serene, old buildings as backdrop with cobbled stone streets to walk and explore its tavern cafes, and I did with Dietmar Berlinger who took me from his place in Vienna, Austria to his countryside home at the border but it is his offer to bring me across that made me change my original travel plans of a month to beyond. It was in Austria that I tore my return tickets again to end up in Thomas Bayen's attic.

BOGOTA, Colombia, taking to the air high above in the mountains with Carlos Ruiz. Bogota is already one of the highest cities in the world, giving it a constant Spring season around 15 degrees Celsius when I was there. From Bogota I also got to other exotic cities such as Armenia, Medellin via a 13 hour grueling bus ride through the hills and Cali. From Bogota I flew to Quito, Ecuador and then Sao Paulo, in Brazil.

BERLIN, Germany, in Kai Schaeffer's home I invited over Dietmar Berlinger and Trifon Trifonov of Bulgaria to spend some tea talk time. Kai is the originator of the Windows Installer and that made my upgrading work much easier as he resolved most of the core logic. Dietmar is a skillful self-taught Debian server administrator.





PARIS, France, Andre Legendre took me around the likes of Moulin Rouge before tracking down another long time online acquaintance and ADempiere founding member, Peter de Zutter from Belgium or better known by his online nick name, Goanookie.

I constantly network up my contacts to each other hoping that some synergy will spark off and benefit the project in the long run. We always exchange notes on latest technologies and happenings.



SAO PAULO, Brazil, I sat down to dinner with (from left of me) Hilario Fochi, Ricardo Santana, Fernandinho and Fernando Lucktemberg, the key members of the Localization Brazil or LBR. It is during this one week stay here for a conference given in my honour, that another participating city invited me to return again two months later to Fortaleza for another super speaking tour. From there it seems my link with Brazil is sealed.



POTSDAM, Germany, I cooked for my host who is part of the community of the Murabitun, a modern sufi order that I have known as a Muslim convert since the early 80s that has outposts all over the world.

My experiments of Malaysian cuisines of sorts such as Nasi Lemak, Bak Kut Teh, Hainanese Chicken Rice and Steamed Fish have scored a lot of rave reviews throughout my travels. This and the stories along the path inspired me as well as my friends, for they are humble adventures, only to be experienced in person.