

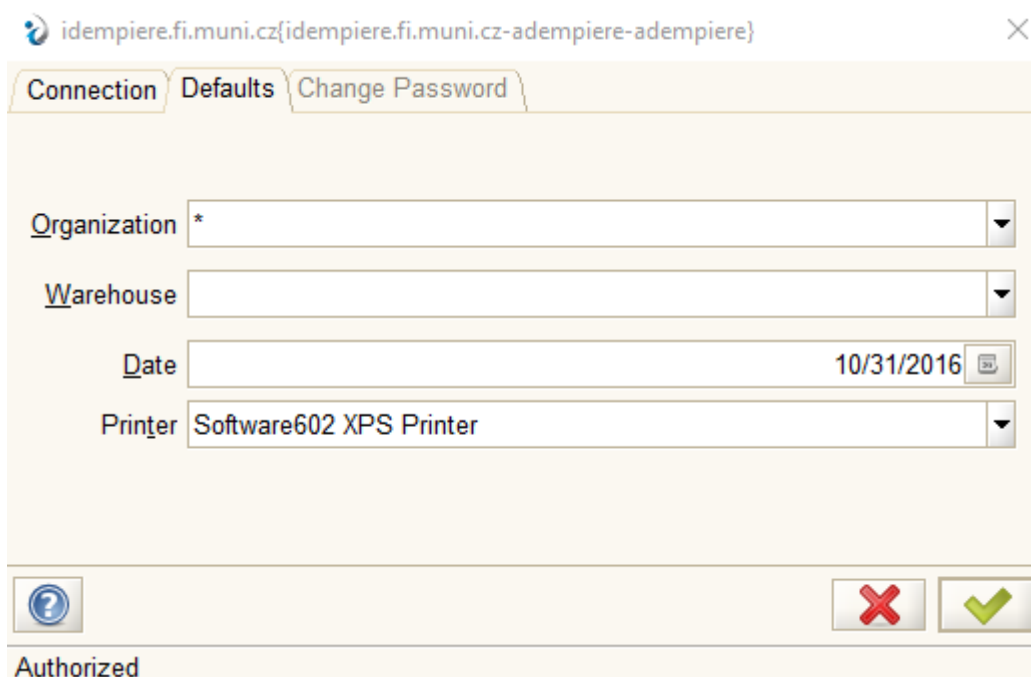
System Menu of iDempiere

To understand the architecture and concept of the iDempiere framework we need to explore the System menu of iDempiere. In the log-in window enter following values into Login and Password fields: System / System



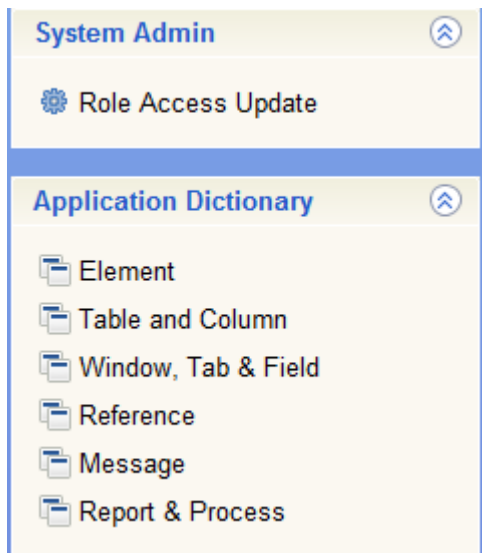
The screenshot shows the 'iDempiere Login' window. It has three tabs: 'Connection', 'Defaults', and 'Change Password'. The 'Connection' tab is active. The window displays the iDempiere logo and 'Open Source ERP System' with the tagline 'Smart Suite ERP, CRM and SCM'. The release information is 'Release 3.1' dated '2015-10-31'. The 'Server' field contains 'idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}'. The 'User ID' field is 'System' and the 'Password' field is masked with black dots. The 'Language' dropdown is set to 'English'. At the bottom, there is a copyright notice '© 1999-2013 iDempiere®', a help icon, and buttons for 'Cancel' (red X) and 'OK' (green checkmark). A status bar at the bottom indicates 'Not Connected'.

In the next window control if you have value "*" in Organization field:



The screenshot shows the 'idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}' window. It has three tabs: 'Connection', 'Defaults', and 'Change Password'. The 'Defaults' tab is active. The window displays the 'Organization' dropdown menu with a '*' value. The 'Warehouse' dropdown menu is empty. The 'Date' field is '10/31/2016' with a calendar icon. The 'Printer' dropdown menu is 'Software602 XPS Printer'. At the bottom, there is a help icon, and buttons for 'Cancel' (red X) and 'OK' (green checkmark). A status bar at the bottom indicates 'Authorized'.

If everything is correct you should see completely different menu on the left side – the menu of Application Dictionary



Elements

Menu of elements contains the basis of all information stored in iDempiere. All data in the database must be defined first as the element here and iDempiere has a several tools to control the data consistency. As you can see there are about 5563 already defined elements. Therefore we filter the

by the Name – entering the value Name:

Lookup Record: Element ×

Lookup Record Advanced

DB Column Name




Name

Print Text

Description

PO Name

PO Print name

5563 / 5563

Then we can see all information about element named „Name“:

Element Name System@System.* [idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}]

File Edit View Go Tools Window Help

Client System Organization *

DB Column Name Name

Name Name

Print Text Name

Description Alphanumeric identifier of the entity

Comment/Help The name of an entity (record) is used as an default search option in addition to the search key. The name is up to 60 characters in length.

Active

Entity Type Dictionary

PO Name

PO Print name

PO Description

PO Help

Used in Column

Used in Process Parameter

Used in Info Column

Navigate or Update record [1/2]

Let's navigate to the bookmark Used in Column and switch into table view mode:

Element Name System@System.* [idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}]

File Edit View Go Tools Window Help

Element	Table	Column	DB Column Name
	AD_Table_Table	Name_Name	Name
Translation	AD_Column_Column	Name_Name	Name
	AD_Reference_Reference	Name_Name	Name
<i>Used in Column</i>	AD_Ref_List_Reference List	Name_Name	Name
	AD_Window_Window	Name_Name	Name
<i>Used in Process Parameter</i>	AD_Tab_Tab	Name_Name	Name
	AD_Field_Field	Name_Name	Name
<i>Used in Info Column</i>	AD_Val_Rule_Dynamic Validation	Name_Name	Name
	AD_Language_Language ID	Name_Name	Name
	AD_Client_Client	Name_Name	Name
	C_PaymentTerm_Payment Term	Name_Name	Name
	AD_User_User/Contact	Name_Name	Name
	AD_Sequence_Sequence	Name_Name	Name
	AD_Menu_Menu	Name_Name	Name
	AD_Workflow_Workflow	Name_Name	Name
	AD_Task_OS Task	Name_Name	Name
	AD_Menu_Trl_Menu Trl	Name_Name	Name
	AD_Tab_Trl_Tab Trl	Name_Name	Name
	AD_Task_Trl_OS Task Trl	Name_Name	Name
	AD_Reference_Trl_Reference Trl	Name_Name	Name
	AD_Field_Trl_Field Trl	Name_Name	Name

Navigate or Update record

We can see in what table we have element Name presented. Find the table C_BPartner_Business Partner and change the view into the Record detail:

Element Name System@System.* [idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}]

File Edit View Go Tools Window Help

Element

Table C_BPartner_Business Partner

Translation

Column Name_Name DB Column Name Name

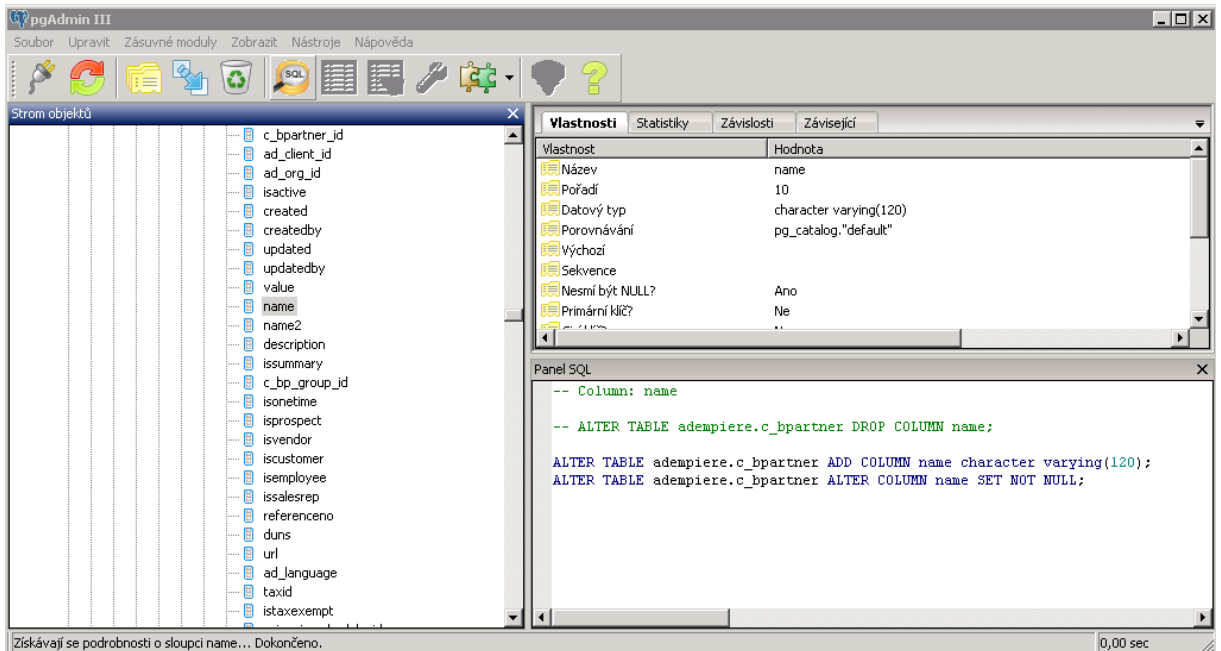
Right-click on the field Table and choose the option Zoom to see the detail of the table definition:

How can we work with database?

Via this part we are directly connected to database. To apply any changes, we can work here and we do not need to work directly with the database. Furthermore, it is highly recommended to work here!!!


Task: Change the name of column Name to BP_Name and enlarge its length to 150.


1. Open pgAdmin to see the effect of our work. Navigate to the database Adempiere and find table C_BPpartner and unpack the columns. Find column named "Name"



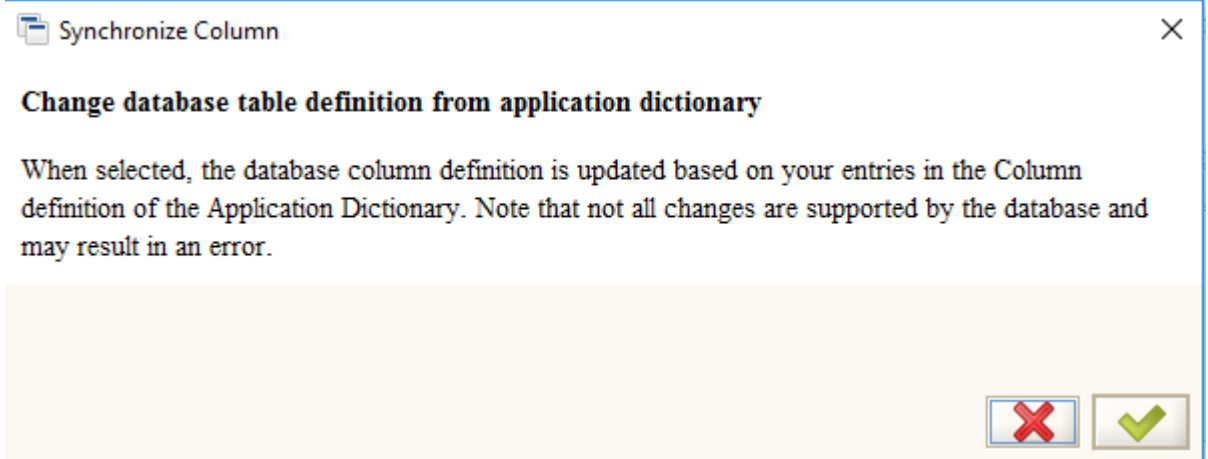
2. Go to iDempiere Column window and change the Name to BP_Name and its length to 150

Table	Client	System
Column	Table	C_BPpartner_Business Partner
Column Translation	System Element	Name
Used in Field	Entity Type	Dictionary
Zoom Condition	DB Column Name	Name
Table Script Validator	Name	BP_Name
Table Translation	Description	Alphanumeric identifier of the entity
Table Index	Comment/Help	The name of an entity (record) is used as an default search
Index Column	<input checked="" type="checkbox"/> Active	
	Length	150
	Reference	String

and click to Save button . If it is not available, you need to move from the field you have changed.

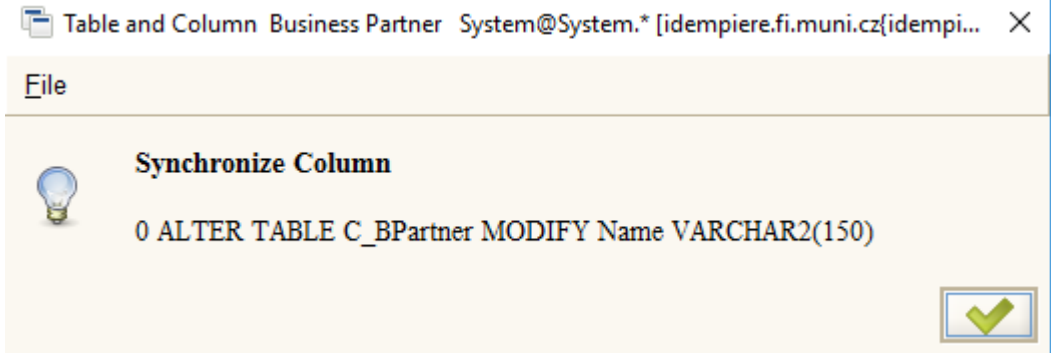
3. Click to Reload button in pgAdmin . Nothing happened? Well, we need to update our changes! In Table and Column window click to

confirm the question


 Synchronize Column

Change database table definition from application dictionary

When selected, the database column definition is updated based on your entries in the Column definition of the Application Dictionary. Note that not all changes are supported by the database and may result in an error.

 Table and Column Business Partner System@System.* [idempiere.fi.muni.cz{idempi... X

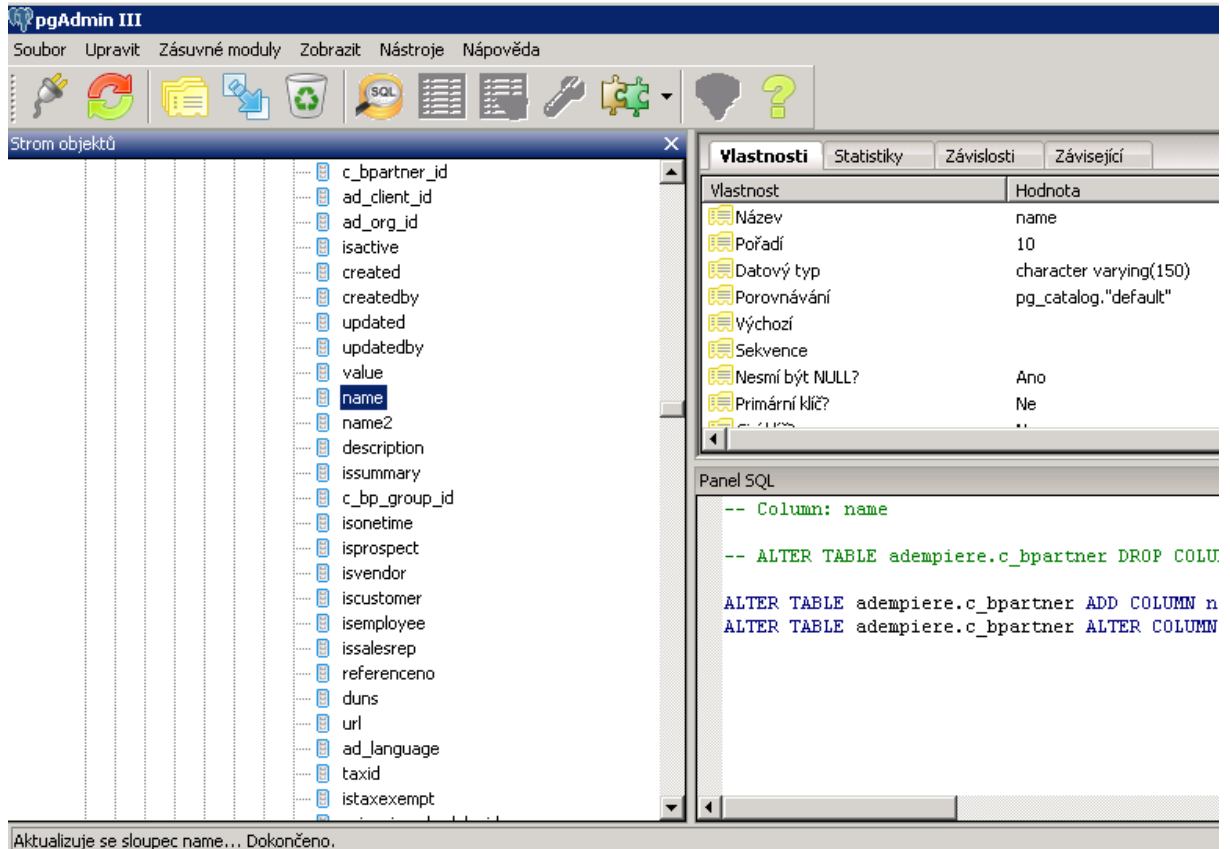
File

 **Synchronize Column**

0 ALTER TABLE C_BPartner MODIFY Name VARCHAR2(150)

and

see the pgAdmin again!



4. Why the name is still “name”? Because we cannot change the name of the field in database – it is in DB Column Name, but we can still change its features!

Windows definition

Windows are the basic user interface elements. As usually, they can be defined on the tables that are defined in the previous items.

1. Click to Window, Tab & Field shortcut

2. In the filter window write into the field Name "Business Partner"

Lookup Record: Window

Lookup Record Advanced

Name Business Partner

Description

410 / 410

3. You will see the Business Partner window definition

Window, Tab & Field Business Partner System@System.* [dempiere.fi.muni.cz][dempiere.fi.muni.cz-adempiere-adempiere]

File Edit View Go Tools Window Help

Window Client System Organization *

Tab Name Business Partner

Field Description Maintain Business Partners

Comment/Help The Business Partner window allows you to define any party with whom you transact. This includes customers, vendors and employees. Prior to entering or importing products, you must define your vendors. Prior to generating Orders you must define your customers. This window holds all information about your business partner and the values entered will be used to generate all document transactions

Field Translation Active Beta Functionality

Field Sequence WindowType Maintain Sales Transaction

Grid Sequence System Color Image BPartner

Tab Translation Entity Type Dictionary Default

Toolbar Button Window Width Window Height

Window Translation Title Logic

Access

4. Control our link to BP_Name field. Go to Tab bookmark – there you define all bookmarks of the window:

Window, Tab & Field Business Partner System@System.* [idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-...}]

File Edit View Go Tools Window Help

Window	Window	Name	Description
	Business Partner	Business Partner	Business Partner
Tab	Business Partner	Contact (User)	Maintain User within the system - Intern...
	Business Partner	Interest Area	Business Partner Contact Interest Area
Field	Business Partner	BP Access	Access of the User/Contact to Business...
	Business Partner	Location	Define Location
Field Translation	Business Partner	Bank Account	Define Bank Account
	Business Partner	Shipping Accounts	
Field Sequence	Business Partner	Customer Accounting	Define Customer Accounting
	Business Partner	Vendor Accounting	Define Vendor Accounting
Grid Sequence	Business Partner	Employee Accounting	Define Employee Accounting
	Business Partner	Customer	Define Customer Parameters
Tab Translation	Business Partner	Vendor	Define Vendor Parameters
	Business Partner	Employee	Define Employee Parameters

compare:

Business Partner CW C&W Construction GardenAdmin@GardenWorld.Fertilizer [idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}]

File Edit View Go Tools Window Help

Business Partner

Contact (User)

Interest Area

BP Access

Location

Bank Account

Shipping Accounts

Customer Accounting

Vendor Accounting

Client GardenWorld Organization *

Logo

Search Key C&W

Business Partner Group New Customer Group

Customer
 Vendor

Name C&W Construction
 Employee
 Prospect

Name 2 Unlimited Projects Corp.

Sales Representative Reference No BP Ref No 123 Rating

Representative/Agent GardenAdmin

Credit Status Credit OK

Credit Limit 10,000.00 Open Balance 161.12

Tax ID

SO Tax exempt PO Tax exempt

URL

Description

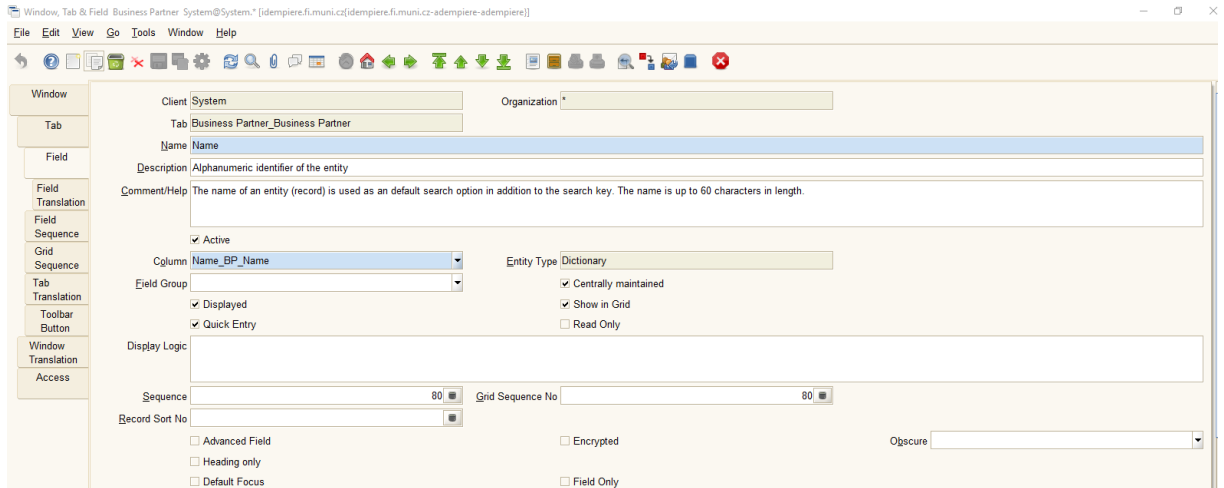
Summary Level
 Active

Customer Information

Document Preferences

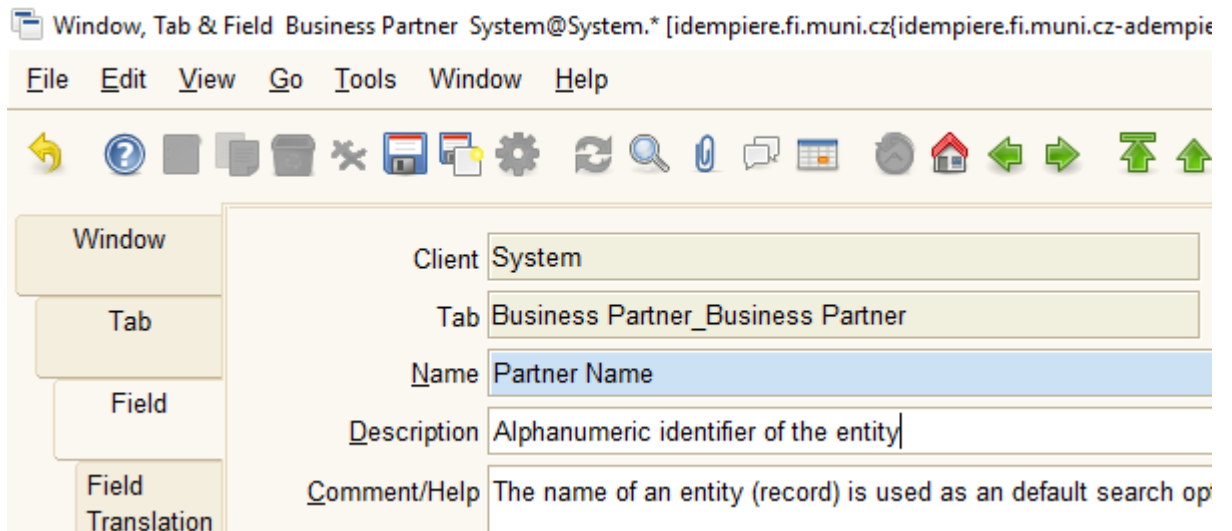
Sales Information

5. Choose Business Partner Tab and click to Field. Find the record for the column Name:

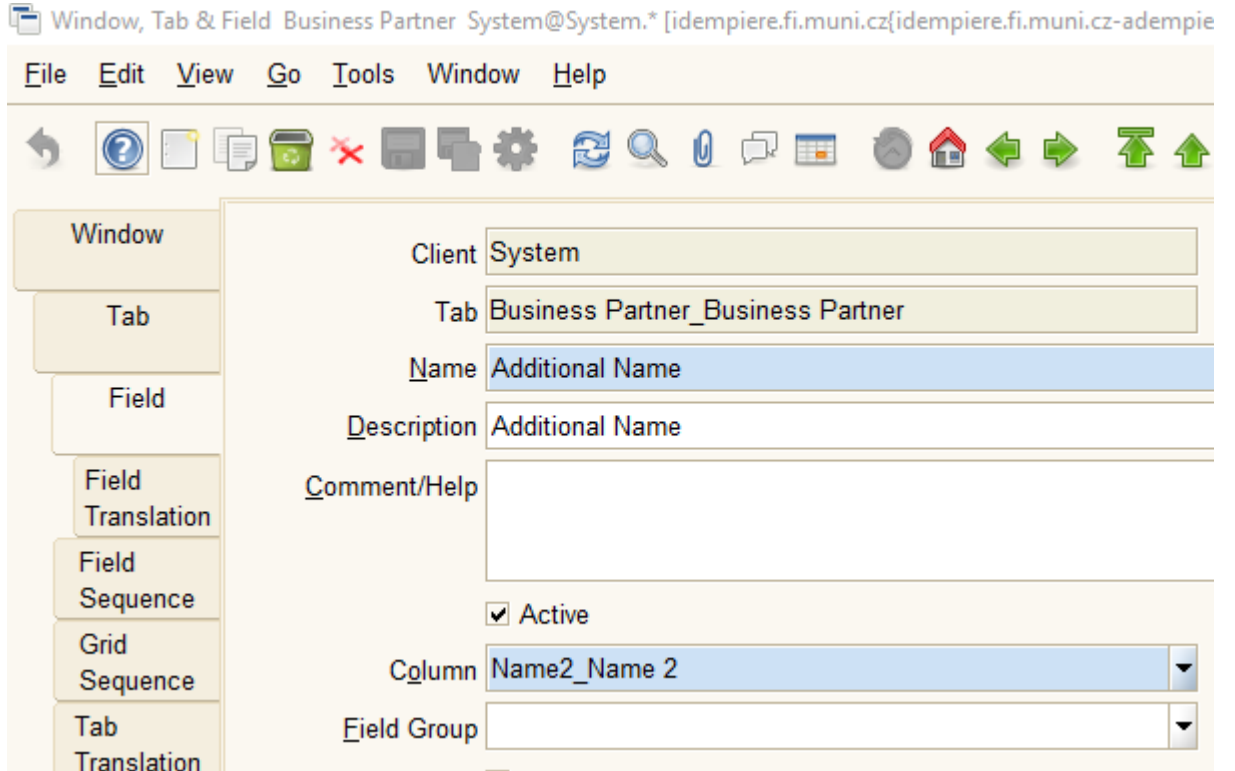


Task: Change the name of the field to Partner Name and Name2 to Additional Name

1. Change the Name to Partner Name and Save



2. Then find field Name2 and change it into Additional Name and Save



To control if it works:

1. Log out and Log in as GardenAdmin

2. Open the window of Business Partner

Business Partner CW C&W Construction GardenAdmin@GardenWorld.Fertilizer [idempiere.fi.m...

File Edit View Go Tools Window Help

Business Partner

Contact (User)

Interest Area

BP Access

Location

Bank Account

Shipping Accounts

Customer Accounting

Vendor Accounting

Client GardenWorld

Logo

Search Key C&W

Business Partner Group New Customer Group

Customer

Vendor

Partner Name C&W Construction

Employee

Prospect

Additional Name Unlimited Projects Corp.

Sales Representative

Representative/Agent GardenAdmin

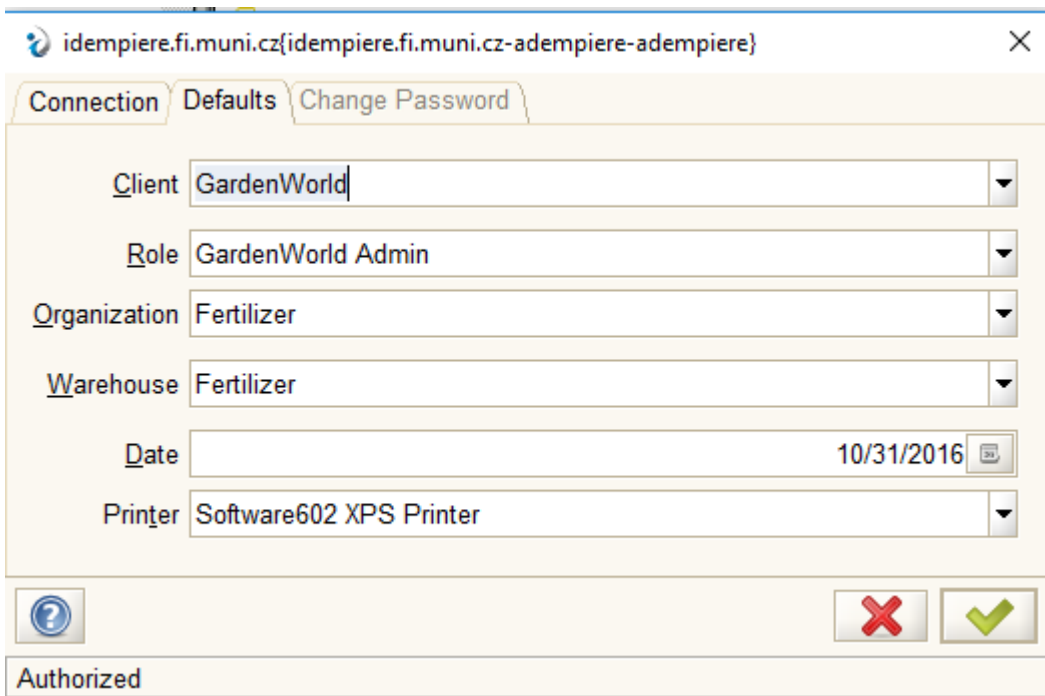
Credit Status Credit OK

Log into iDempiere with universal role

To be able to switch all roles, log as SuperUser with password System. Then you will be able to switch any role more quickly:



Then you can choose also client and role in the client:

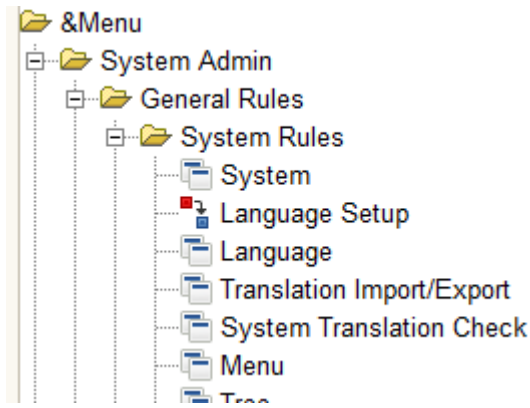


For System client, select System and you can work immediately.

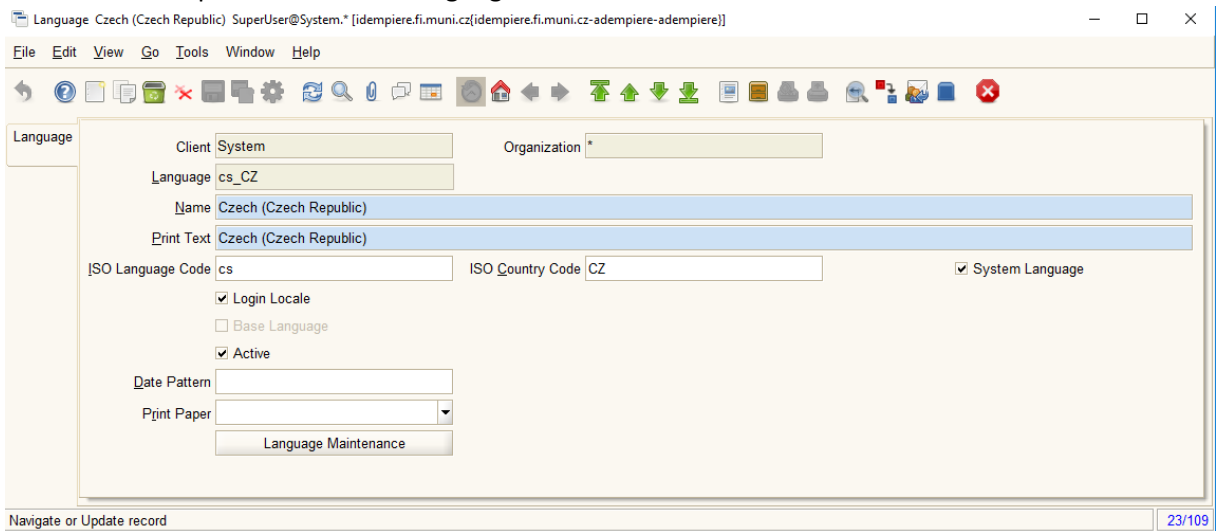
System translations

How to teach iDempiere to speak Czech? There are several possibilities how to import translations.

1. Log as System
2. Download the file idempiereCZ.zip from Information system
3. Unpack it in any folder you like

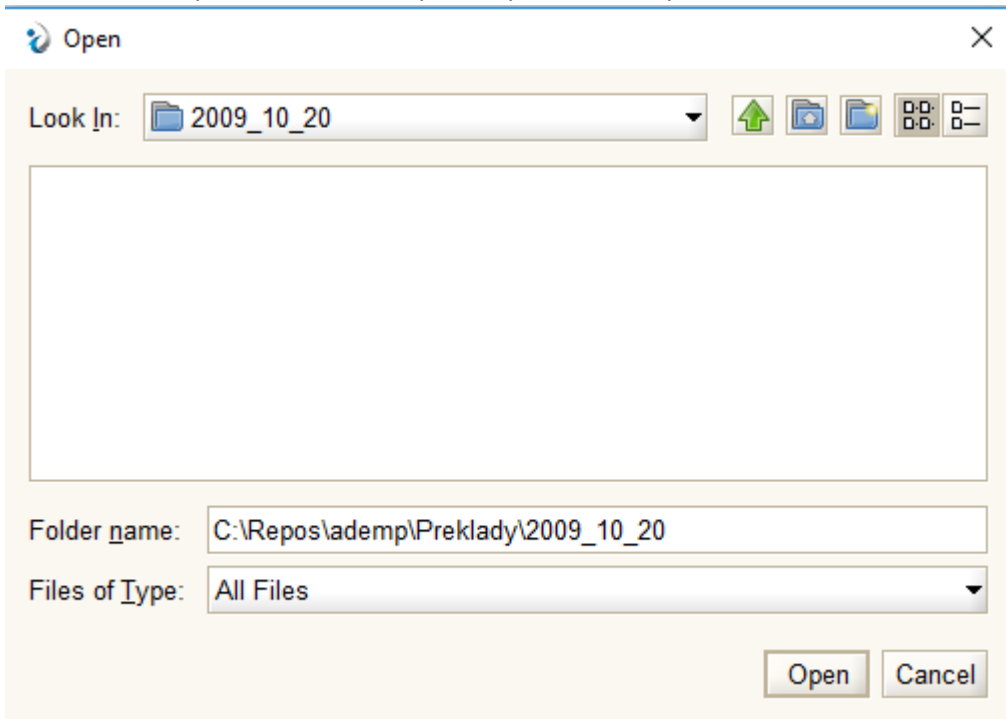


4. In the menu go to Language
5. In the window opened find Czech language



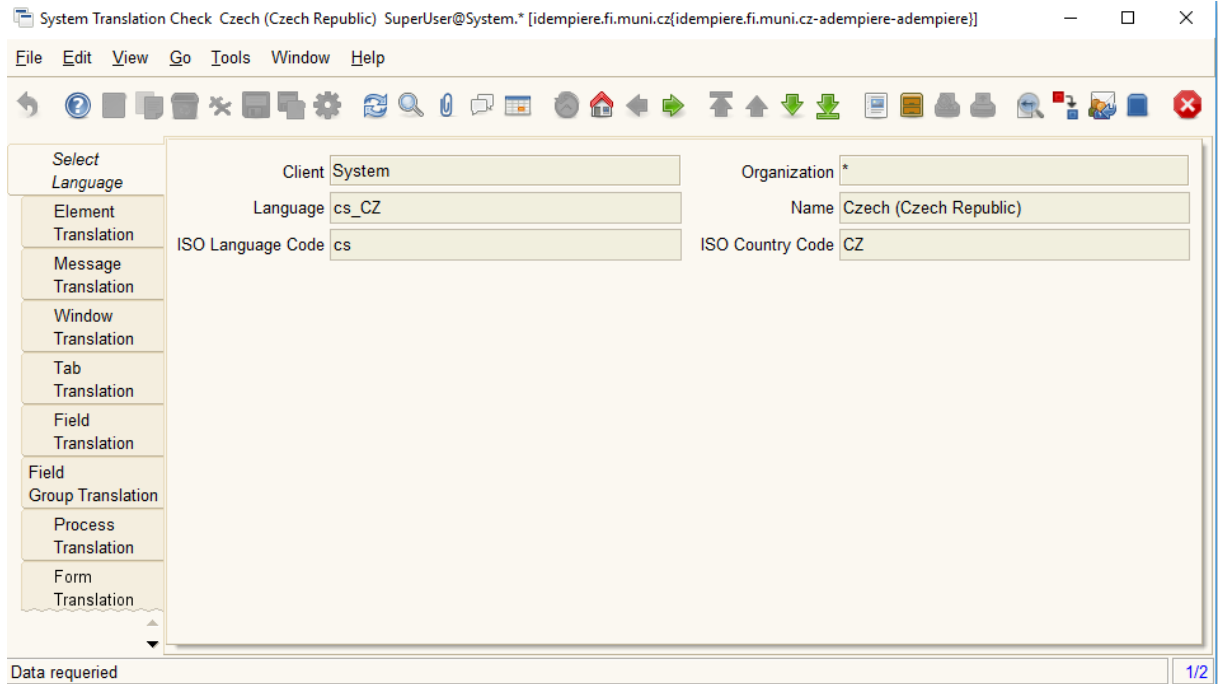
and check Login Locale and System Language

6. Save and then open Translation Import/Export. Select System in Client field and click Import

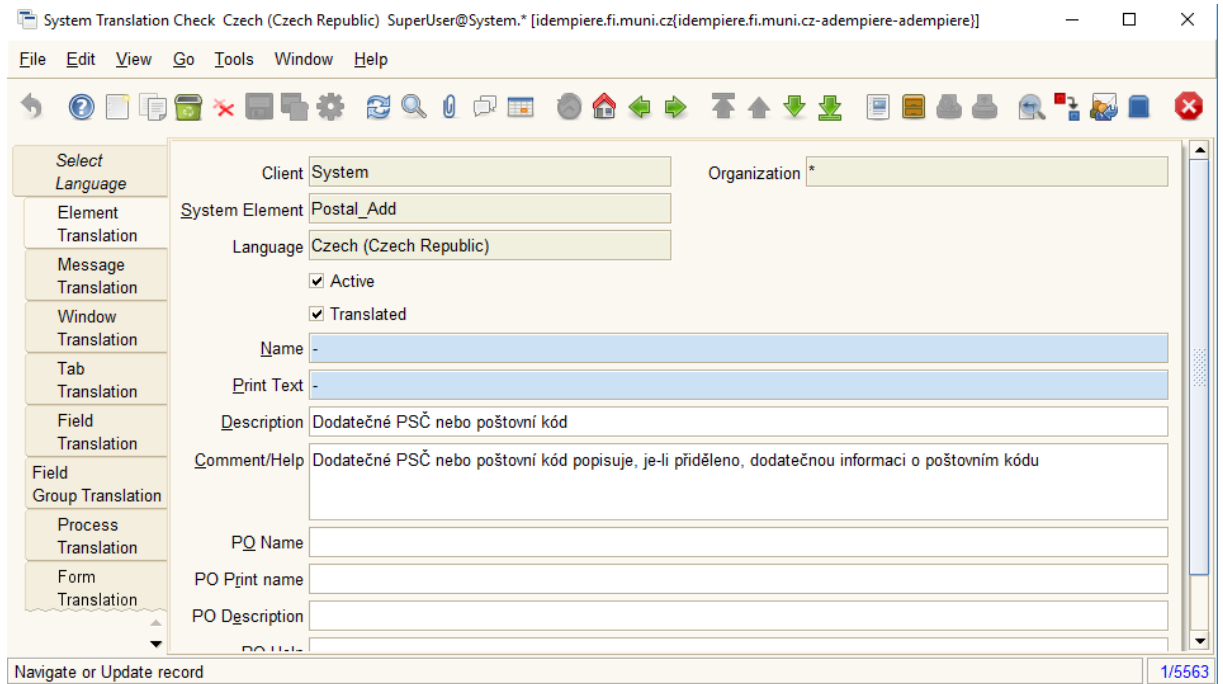


Select the folder where your translations are located and click Open. Nothing will happen for a while – be patient!

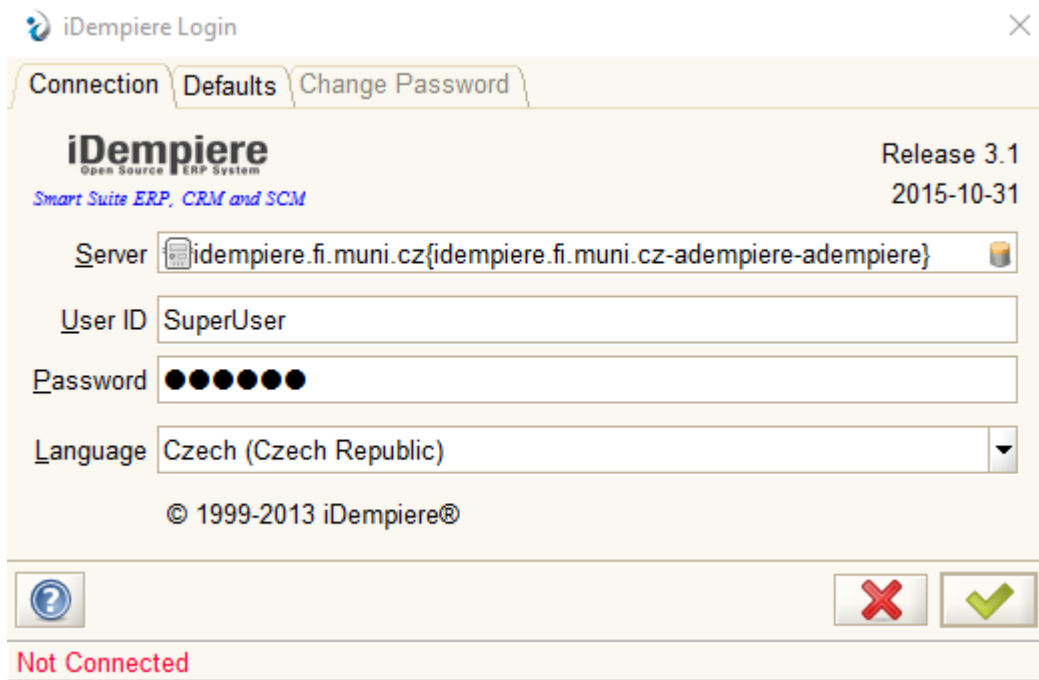
7. After you will be able to work with iDempiere, go to Systém Translation Check



8. Thank go through the bookmarks – you should see the Czech translation



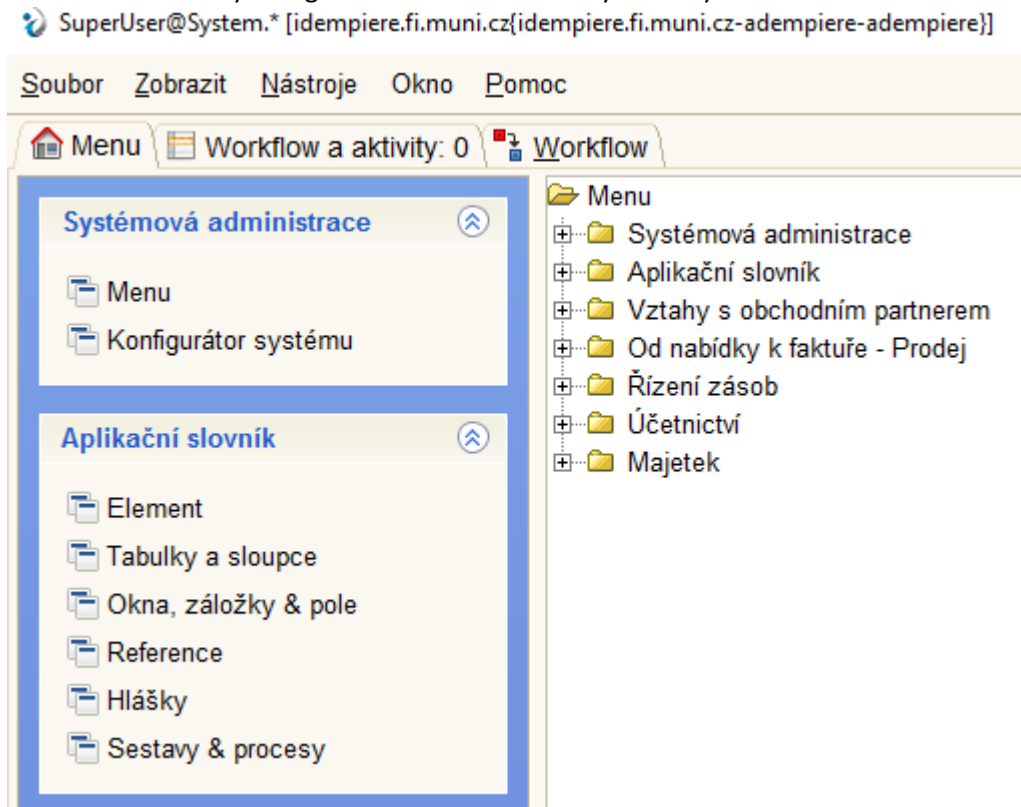
9. Then log out and log as SuperUser with Czech language:



The image shows the iDempiere Login dialog box. It has a title bar with the iDempiere logo and the text "iDempiere Login". Below the title bar are three tabs: "Connection", "Defaults", and "Change Password". The "Connection" tab is active. The dialog contains the following fields and controls:

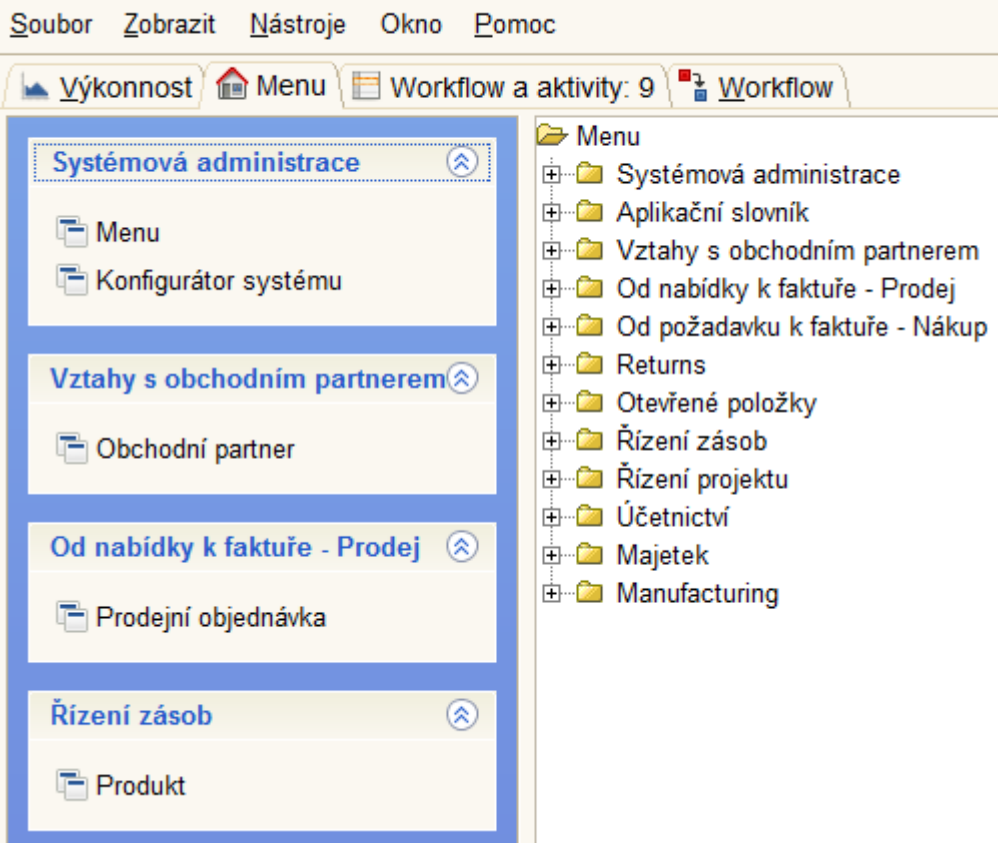
- iDempiere** logo and "Open Source ERP System" text, with "Smart Suite ERP, CRM and SCM" below it.
- Release 3.1 and date 2015-10-31.
- Server field: idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}
- User ID field: SuperUser
- Password field: masked with 7 black dots
- Language dropdown: Czech (Czech Republic)
- Copyright: © 1999-2013 iDempiere®
- Buttons: Help (?), Close (X), and OK (checkmark)
- Status bar: Not Connected

10. Does not metter if you log into Garden World or Systém – you should see the Czech menu:



The image shows the iDempiere application menu. The title bar contains the text "SuperUser@System.* [idempiere.fi.muni.cz{idempiere.fi.muni.cz-adempiere-adempiere}]". The menu bar includes "Soubor", "Zobrazit", "Nástroje", "Okno", and "Pomoc". The application has three tabs: "Menu", "Workflow a aktivity: 0", and "Workflow". The "Menu" tab is active. The menu is displayed in two columns:

- Left Column:**
 - Systémová administrace** (with an up arrow icon)
 - Menu
 - Konfigurátor systému
 - Aplikační slovník** (with an up arrow icon)
 - Element
 - Tabulky a sloupce
 - Okna, záložky & pole
 - Reference
 - Hlášky
 - Sestavy & procesy
- Right Column:**
 - Menu**
 - Systémová administrace
 - Aplikační slovník
 - Vztahy s obchodním partnerem
 - Od nabídky k faktuře - Prodej
 - Řízení zásob
 - Účetnictví
 - Majetek



11. If some elements are not translated, they will be still in English