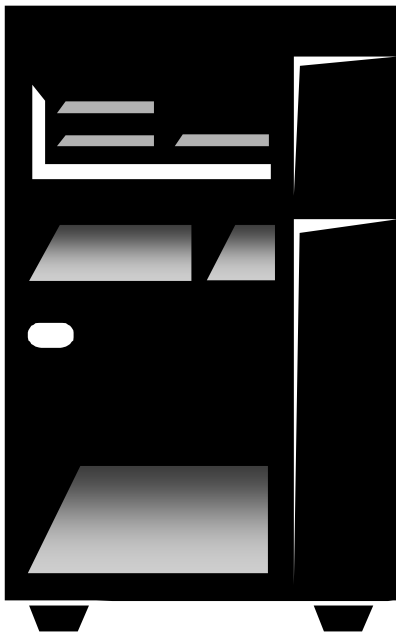


LANSA Announces Support for IBM's i5/OS V5R4



LANSA is pleased to announce that it has successfully tested and will be supporting its cross-platform application development suite, LANSAs 2005, running with IBM's latest release of i5/OS, V5R4. As an IBM Partner in Development, a beta copy of V5R4 was made available to LANSAs several weeks ahead of this version's release date of February 14. During this time, the LANSAs Product Center tested all components of LANSAs 2005 and now confirms that the suite operates successfully and will be supported for use with the new version of the System i5 operating system.

For years, LANSAs products have attained IBM ServerProven status, which provides customers with a solution that's ready to run and built to perform optimally on IBM servers. With today's announcement, LANSAs customers are assured that the LANSAs 2005 product suite will continue to run their businesses efficiently and productively when they migrate their applications to i5/OS V5R4.

John Siniscal, president of LANSAs Americas, said, "IBM continues to enhance the value proposition of the System i5 with this latest release of i5/OS. LANSAs looks forward to supporting its customers as they move to this new release in the coming year."

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Using the Enforce User Access in VL option

LANSA V11.0 introduced the ability to control user security in a Visual LANSA Slave environment in a similar fashion used in the LANSA for iSeries development environment. To use this option, you must know:

- how to restrict/enforce a users access to LANSA
- how to enable this restricted/enforced access for Visual LANSA
- how to make this restricted/enforced access known to Visual LANSA

This example uses the following LANSA development environment:

- iSeries Master Repository V11.0 & EPC765
- Windows Visual LANSA slave V11.0 & EPC765

Steps to Enforce User Access in VL

Note: In this example, we will restrict a users ability to create fields in a Visual LANSA slave environment.

1. Log into LANSA for iSeries as partition or system security officer.
2. Take Housekeeping option “Review user access to LANSA System” and enter the user you wish to restrict access to.
3. Enable Change mode (F21).
4. Locate the following description “Create new field definitions” and blank out the Y (See figure 1).

```

Review / Change User Access

Enter user name whose access rights to LANSAs are to be displayed . . BARRY06

Menu name          Description of menu entry          Allow
                                     Access
Create new field definitions
Review or change field definitions      Y
Delete a field                          Y
Review or change field multilingual attributes  Y
Review, change or create field validation checks  Y
Review, change or create field HELP text      Y
Print field definitions                  Y
Create new system variable definitions      Y
Review or change system variable definitions  Y
Create new multilingual variables          Y
Review or change multilingual variables      Y
Create or re-create a field reference file    Y
Print system variable definitions          Y
Print multilingual variable definitions      Y +

F1=Help  F3=Exit  F12=Cancel  F14=Msgs  F21=Change

M0 a MW 01/001

```

Figure 1

5. Take Housekeeping option "Create or change system partition definitions". Select the desired partition to change.
6. Enable Change mode (F21).
7. Change option « Enforce User Access in VL » to YES (see figure 2)

```

DCeP400411          Change System Partition

Enforce User Access in VL: YES
Ignore Propagated Deletes: NO
Check Before Propagating : NO

Target Database Products
DB2 iSeries          : YES
Sybase                : YES
SQL Server           : YES
ORACLE               : YES

F1=Help  F3=Exit  F12=Cancel  F14=Msgs  F17=LastActDtl

M0 a MW 04/029

```

Figure 2

8. The User Access changes are now ready to be updated in the Visual LANSAs Slave system
9. In the Visual LANSAs login screen, select the System Initialization option.

10. Select "PC Users" and Partition Definition (Master) for initialization (see figure 3)

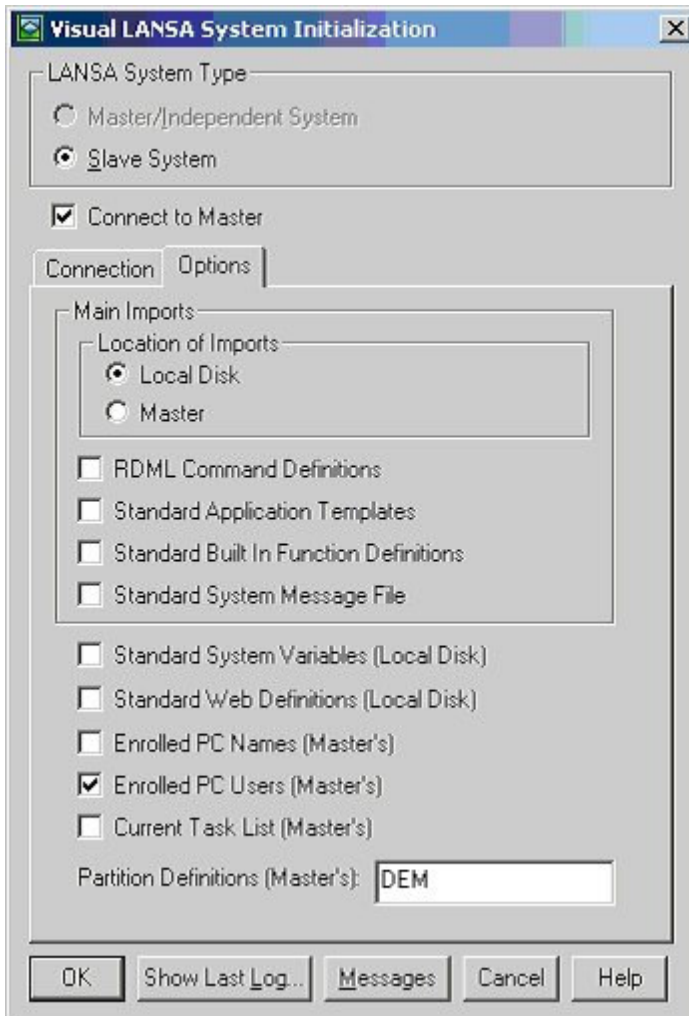


Figure 3

11. Once the Initialization completes, log into Visual LANS with the user that you have restricted Field create access for.

12. The menu option to create fields is not available (grayed out) (see figure 4)

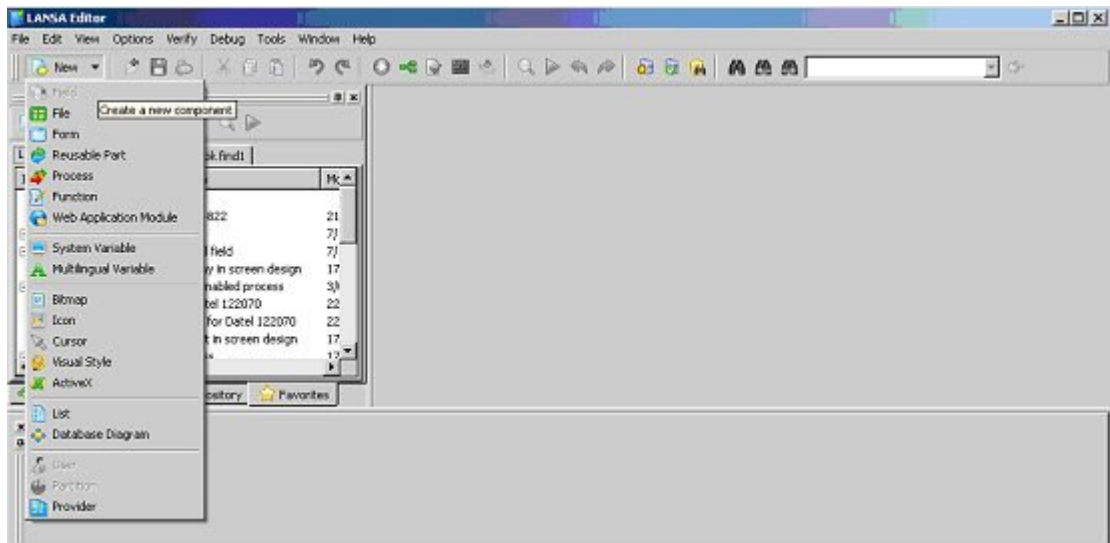


Figure 4

Main Considerations

1. In LANSAX iSeries Housekeeping option "Review user access to LANSAX System" there are 2 levels of menu's available.

MAIN SYSTEM MENU

FIELD CONTROL MENU

Create new field definitions Y

And

FIELD CONTROL MENU

Create new field definitions Y

For a Visual LANSAX system, changing the user access to the Main System menu's "Work with" has no meaning. Any user access changes must be made to the Create/Delete options for the particular object you wish to restrict access to.

2. For changes to be propagated to Visual LANSAX, you must perform a system initialization of:
Enrolled PC Users – to promote the user security changes.
Partition Definitions (Master) - to promote the "Enforce User Access in VL" partition level changes.

WAMs fail with joblog error: 'PASE module not loaded'

WAM applications do not start and error messages:

- **No such file or directory**
- **PASE module not loaded**

appear within the LWEB_JOB joblogs.

Cause

The user which is used to run the web jobs does not have access to the LANSА IFS root folder.

Resolution

Modify the user used to run the web jobs to have access to the LANSА IFS root directory.

e.g: \LANSА_DC@PGMLIB

Any Data, Any Format, Any Transport, Any Platform

Do you need to:

- Integrate at transaction level with your customers or suppliers, in real-time or near real-time?
- Integrate heterogeneous internal systems?
- Transact with your bank directly from your internal system?
- Send data to and accept data from your Web site or a portal?
- Start using EDI or replace traditional EDI?
- Integrate with Java applications from a legacy system?

Hundreds of companies worldwide meet any System Integration and eCollaboration request with a Single Architecture and a Single Skillset using LANSA Integrator.

Visit: <http://www.lansa.com/promos/integration.htm>

Cross reference of LANSA Integrator customers by data format and transport method:

		TRANSPORT METHOD			
		HTTP HTTPS	FTP	EMAIL SMTP & POP	MQ Series
D A T A F O R M A T	XML	Brewers Distributor Celtic Insurance Becton Dickinson FMR.ie Maronda Homes MoMA REHAU Sullair Wagenborg Wilson Bowden	The Greenery NIB Capital Wilson Bowden	E.P. Barrus Sullair	AAS Apria Healthcare IFS
	TSV/CSV	Brewers Distributor Oil-Dri R.C. Bigelow REHAU	*supported	E.P. Barrus	*supported
	TXT or other data strings	GE Appliances Yanmar	*supported	*supported	*supported
	XLS (MS Excel)	Brewers Distributor Oil-Dri R.C. Bigelow	*supported	E.P. Barrus	*supported
	EDI EDI-INT, AS1, AS2, AS3	Crowley Foods Oil-Dri R.C. Bigelow Sullair 200+ Others	E.P. Barrus	E.P. Barrus	Apria Healthcare
	HTML	*supported	*supported	Highliner Foods	
	SOAP Web Services	COMMON NSW Government REHAU			
	PDF	Maronda Homes OSAP Sullair	*supported	*supported	

*supported: This format/transport combination is supported, but currently case studies are not available.

Custom Java Services
Cramo John Wiley Sullair

Remote Procedure Call
The Greenery Cramo

SQL Data Services
Maronda Homes REHAU

Prepare event PopUp Menu

Use the Prepare event if you want to modify the pop-up menu depending on whether where the control itself is right-clicked. Copy/paste source below to see how it works.

Source:

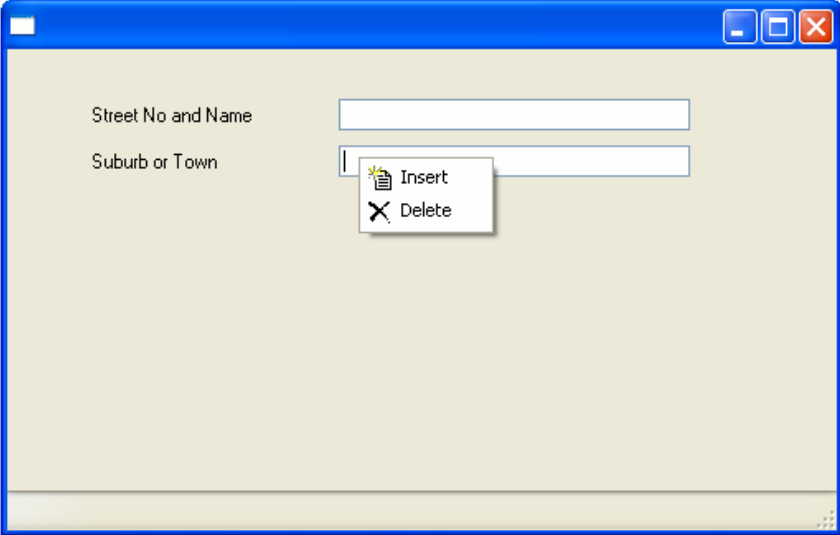
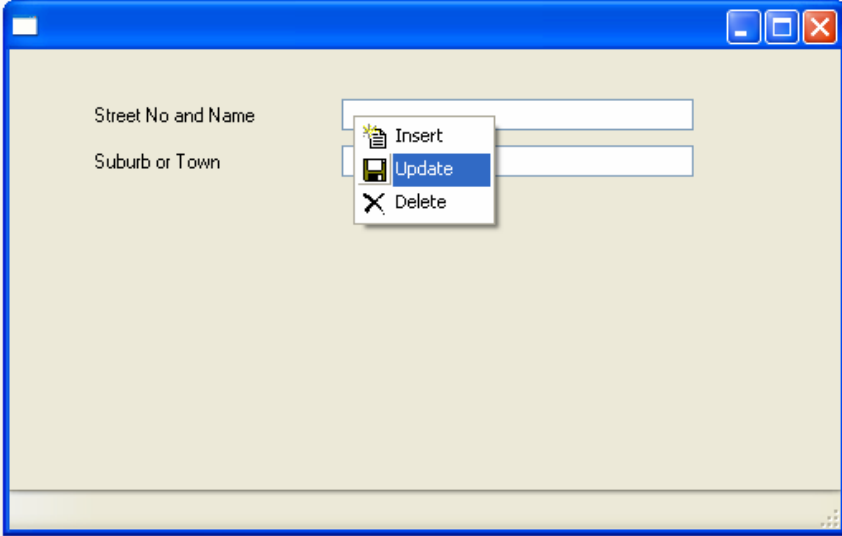
```
*****
*
* COMPONENT: STD_FORM
*
*****
FUNCTION OPTIONS(*DIRECT)
Begin_Com Role(*EXTENDS #PRIM_FORM) Clientheight(290) Clientwidth(503) Height(324)
Left(386) Top(119) Width(511)
Define_Com Class(#PRIM_STBR) Name(#STBR_1) Displayposition(1) Height(24) Left(0)
Messageposition(1) Parent(#COM_OWNER) Tabposition(1) Tabstop(False) Top(266)
Width(503)
Define_Com Class(#ADDRESS1.Visual) Name(#ADDRESS1) Displayposition(2) Height(19)
Left(51) Parent(#COM_OWNER) Popupmenu(#PMNU_1) Tabposition(2) Top(30)
Usepicklist(False) Width(363)
Define_Com Class(#ADDRESS2.Visual) Name(#ADDRESS2) Displayposition(3) Height(19)
Left(51) Parent(#COM_OWNER) Popupmenu(#PMNU_1) Tabposition(3) Top(58)
Usepicklist(False) Width(363)
Define_Com Class(#PRIM_PMNU) Name(#PMNU_1)
Define_Com Class(#PRIM_MITM) Name(#MITM_INS) Caption('Insert') Displayposition(1)
Image(#VB_NEW) Parent(#PMNU_1)
Define_Com Class(#PRIM_MITM) Name(#MITM_UPD) Caption('Update') Displayposition(2)
Image(#VB_SAVE) Parent(#PMNU_1)
Define_Com Class(#PRIM_MITM) Name(#MITM_DLT) Caption('Delete') Displayposition(3)
Image(#VB_DELETE) Parent(#PMNU_1)

Evroutine Handling(#PMNU_1.Prepare) Options(*NOCLEARMESSAGES
*NOCLEARERRORS) Context(#CONTEXT)

If_Ref Com(#CONTEXT) Is(*equal_to #ADDRESS1)
Set Com(#MITM_UPD) Visible(true)
Else
If_Ref Com(#CONTEXT) Is(*equal_to #ADDRESS2)
Set Com(#MITM_UPD) Visible(false)
Endif
Endif
Endroutine

END_COM
```

This Prepare event example displays different menu items when the #ADDRESS1 field is right-clicked and different items when the #ADDRESS2 field right-clicked:



EPC Information

Find out about the latest LANSA EPCs and add valuable new features to your LANSA products.

Find EPC Information page at <http://www.lansa.com/support/notes/epc/index.htm>.

The screenshot shows a Microsoft Internet Explorer browser window displaying the LANSA EPC Information page. The browser's address bar shows the URL <http://www.lansa.com/support/notes/epc/index.htm>. The page features the LANSA logo and navigation links for LANSA HOME, PARTNERS ONLY, LANSA GEAR, CONTACT, and ADVANCED SEARCH. A breadcrumb trail includes LANSA 2005, DOCUMENTATION, SET, TIPS, TECH. NOTES, and RESOURCES. The main content area is titled "EPC Information" and provides an overview of EPCs, a link to frequently asked questions, and a section for LANSA 2005. A search box for EPCs and a filter for available EPCs by product and version are also present. A sidebar on the right lists the latest EPCs, including February 9 2006, December 12 2005, October 24 2005, August 8, 2005, and February 14, 2005.

EPC Information

Find out about the latest LANSA EPCs and add valuable new features to your LANSA products.

EPC Frequently Asked Questions

[Read the Frequently Asked Questions](#) to for general information regarding EPCs. It is recommended that you read the FAQs if you have no prior experience with EPCs.

LANSA 2005: Several features shipped in LANSA V11.0 require the server and client to be on the same EPC level. Otherwise an EPC mismatch error will be generated. For further details, refer to question [Are there any extra EPC considerations in V11.0?](#) in the [Frequently Asked Questions](#).

A password is required to access EPC downloads through this site.

LANSA Distributors and Business Partners can request the password via an [online form](#). **Note:** Passwords will be issued on the next business day.

Current maintenance customers in EMEA and Asia Pacific can request the password via an [online form](#). **Note:** Passwords will be issued on the next business day.

LANSA Americas Support Portal

Current maintenance customers in the Americas can get access to EPC downloads, as well as support assistance, software upgrades, Knowledgebase, training registration and instructor ratings, through the [Americas Region Support Portal](#). **Note:** Passwords to access the support portal must be requested during normal business hours by emailing [LANSA Americas Regional Support](#).

Search EPCs:

Available EPCs: -Select Product- -Select Version-

LATEST EPCs

February 9 2006

EPC765 - Latest fixes for V11.0. Supersedes EPC762. Requires EPC761 as pre-requisite. [more...](#)

December 12 2005

EPC761 - Latest fixes for V11.0. Requires EPC751 as pre-requisite. [more...](#)

October 24 2005

EPC758 - Latest fixes for Version 10.0 of Visual LANSA and Web on Windows [more...](#)

EPC755 - EPC755 contains updates for LANSA for iSeries and Web for Version 10.0 [more...](#)

EPC754 - EPC754 contains Windows web server fixes is required when using <RDML INCLUDE>. [more...](#)

August 8, 2005

EPC756 - Latest fixes and enhancements for LANSA Integrator Version 10.0 for both iSeries and Windows, including Redevelopment of SOAP Server wizard and service [more...](#)

February 14, 2005

EPC738 - EPC738 contains a full distribution of a new Visual LANSA Framework version [more...](#)

Deployment tool does not recognise Components correctly, lists them as regular fields

In some situations, after upgrading an existing V10.0 environment to V11.0, the deployment tool does not list the existing forms/reusable parts in the correct location, instead they are listed as regular fields. This prevents you from deploying any components correctly and may cause confusion when trying to redeploy existing applications.

Cause

The cause of this issue is related to an [existing technical note](http://www.lansa.com/support/notes/p0208.htm): <http://www.lansa.com/support/notes/p0208.htm> regarding the Web Editor. In both cases the problem is caused by the presence of old IO modules for the LANSA Internal Files.

One reason that these IO modules are present is that the LANSA internal file definitions have been recompiled in Visual LANSA at some point. This causes the file definitions IOM to be created in the Partition Execute directory. During the upgrade to V11.0 the LANSA internal file definitions IOMs are replaced in the System Execute directory, however the IOMs in the Partition Execute directory are left untouched.

Since LANSA looks in the Partition Execute directory before the System Execute directory to look for the IOMs, the older IOMs are being found and used first instead of the real internal file definitions IOMs.

Note

Since V10.0, a change has been made so that these internal files will no longer be displayed by default, and thus should not be available for compile unless the option to display the internal files is enabled.

Resolution

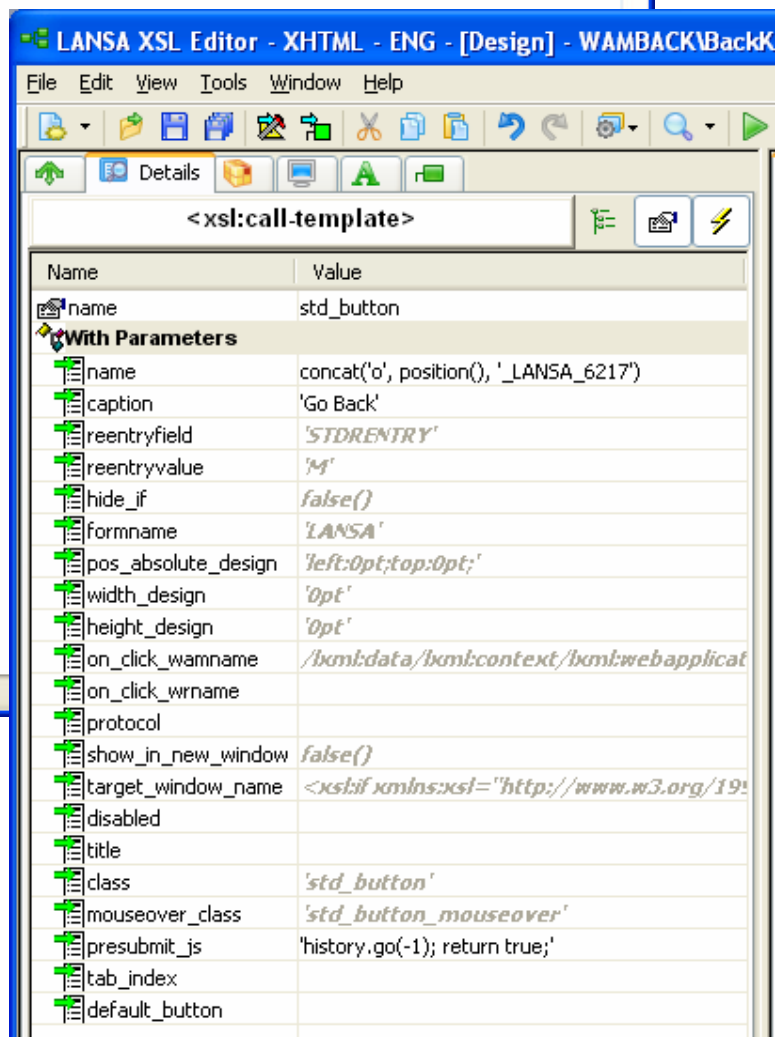
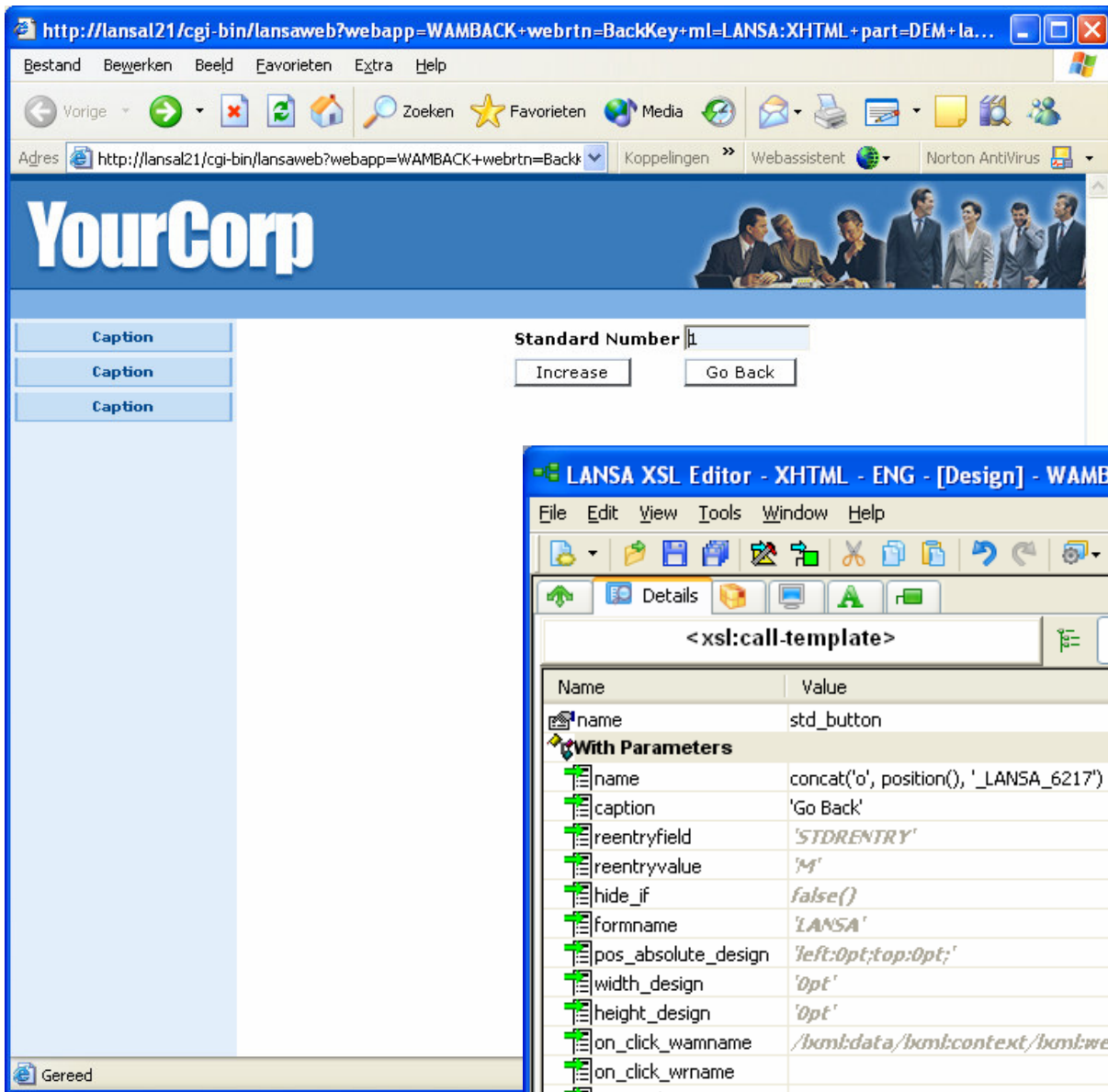
Check to see if the dlls DC_Fnn/DC_Wnn/DC_Xnn.dlls exist in the ...\\X_WIN95\\X_LANSAX_ppp\\EXECUTE.

These dlls should only exist in the ...\\X_WIN95\\X_LANSAX\\EXECUTE directory. Ensure that they already exist in the ...\\X_WIN95\\X_LANSAX\\EXECUTE directory.

Remove/delete the copies from the partition execute directory (i.e. ...\\X_WIN95\\X_LANSAX_ppp\\EXECUTE) and the problem should be resolved.

Go Back in WAM

Some customers disable the default browser back key in their web application, but need the functionality of this key on some of their screens. The screens below show a 'Go Back' key in a WAM, that activates the JavaScript (presubmit_js property) to do this.



When signed into LANSA on the iSeries; checked in changes made to an RDMLX function appear to have NOT taken effect

Specific example

- Start LANSA on the iSeries and execute an RDMLX function via a LANSA process.
- Without exiting LANSA on the iSeries, make a change to this RDMLX function from within the IDE (Windows).
- Check that function into the iSeries (choose check in and compile for example).
- Now go back to that same iSeries session from step one and execute the same RDMLX function. You will find that those changes appear to have NOT been applied.
- Next exit out of LANSA on the iSeries and then start LANSA again.
- All changes will now have been applied.

Note

- This is only relevant for RDMLX function logic changes. It does not occur for RDML function logic changes.
- LANSA will be enhanced in a future version so that all RDMLX function logic changes will be immediately available on iSeries after checkin.
- There is no detrimental effect to your system or functions. However, it has been highlighted here as it could potentially cause some confusion.

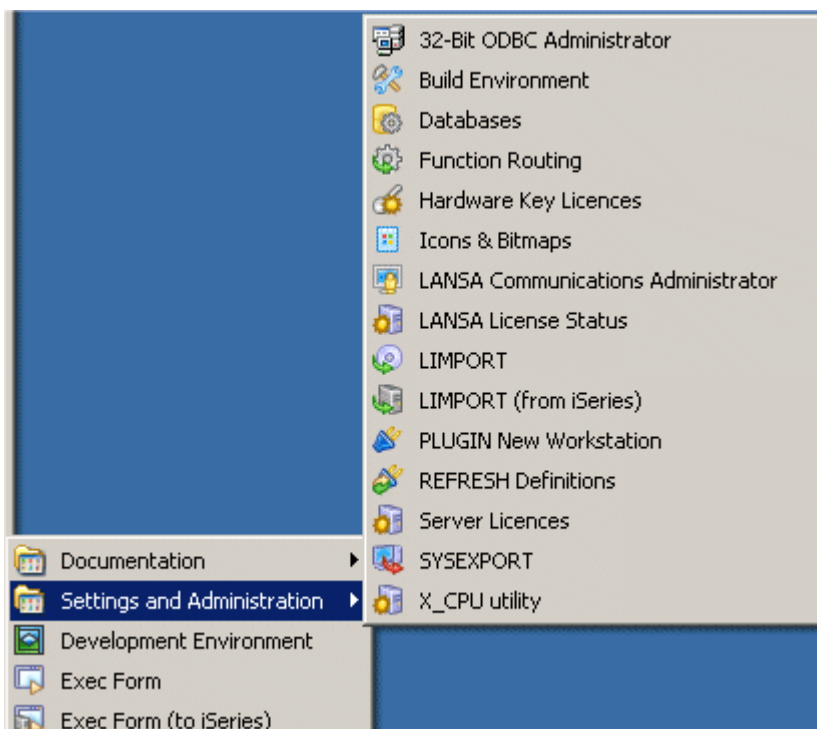
Using the V11.0 X_CPU.EXE for generating CPU details for a V11.0 License request

This information is for downloading V11.0 x_cpu.exe. To download a V10.0 x_cpu.exe, click [here](#).

A LANSa license code is only valid for the machine for which it was requested. The machine is identified by its CPU serial number and model. A special utility, x_cpu, is provided to display this information.

A Version 11.0 license request must be accompanied by the CPU details as generated by an 11.0 version of X_CPU.EXE.

This executable is shipped as part of the Visual LANSa installation and can be accessed from the LANSa folder from the X_CPU utility option.



Alternatively, a Version 11.0 X_CPU.EXE can be downloaded from the following link.

[V11.0 X_CPU](#)

The x_cpu utility can be downloaded and run from any location on your hard drive. The generated x_cpu_<model>_serial number>.txt file will be created in the same location. For example, if you download x_cpu.exe to c:\temp and execute it, the generated x_cpu_<model>_serial number>.txt file will be created in c:\temp.

Tip: We recommend that you save the V11.0 x_cpu.exe to the V11.0 root directory.

Note: Your company policy may enforce restrictions on downloading certain files, including zip file and executables.

NotificationStyle property

By default when list, combo box, tree or grid items are worked with programmatically, no item events (such as ItemChanged, ItemGotSelection, ItemGotFocus, ItemLost focus or ItemLostSelection) are triggered. Only when the items are manipulated by the user (using the mouse or keyboard), these item events are triggered.

If you want the item events to be triggered when items are worked with programmatically, set the NotificationStyle of the control to Program. In this way the same events are triggered regardless of whether the items are manipulated by a program or by a user.

Copy and paste this example application to see how a tree view item is selected programmatically.

Source

```
FUNCTION OPTIONS(*DIRECT)
```

```
Begin_Com Role(*EXTENDS #PRIM_FORM) Caption('NotificationStyle Property')
Clientheight(272) Clientwidth(513) Height(306) Left(333) Top(142) Width(521)
Define_Com Class(#PRIM_TRVW) Name(#TRVW_1) Componentversion(1)
Displayposition(2) Height(222) Left(8) Notificationstyle(Program) Parent(#COM_OWNER)
Tabposition(2) Top(0) Width(495)
Define_Com Class(#PRIM_TVCL) Name(#TVCL_1) Level(1) Parent(#TRVW_1)
Source(#DEPARTMENT) Visible(False)
Define_Com Class(#PRIM_TVCL) Name(#TVCL_2) Displayposition(1) Keyposition(1)
Level(1) Parent(#TRVW_1) Source(#DEPTDESC)
Define_Com Class(#PRIM_TVCL) Name(#TVCL_3) Displayposition(1) Keyposition(1)
Level(2) Parent(#TRVW_1) Source(#FULLNAME)
Define_Com Class(#PRIM_PHBN) Name(#PHBN_1) Caption('Click Here to programatically
trigger an ItemGotSelection event') Displayposition(1) Height(33) Left(8)
Parent(#COM_OWNER) Tabposition(1) Top(240) Width(492)
```

```
EVTROUTINE handling(#com_owner.Initialize)
select *all deptab
SELECT FIELDS(#SURNAME #GIVENAME) FROM_FILE(PSLMST1)
WITH_KEY(#DEPARTMENT)
use bconcat with_args(#givenname #surname) to_get(#fullname)
add_entry #trvw_1
endselect
endselect
ENDROUTINE
```

```
EVTROUTINE HANDLING(#PHBN_1.Click)
selectlist #trvw_1
IF COND('#fullname = "VERONICA BROWN"')
set #trvw_1.CurrentItem selected(True)
leave
endif
endselect
ENDROUTINE
```

```
EVTROUTINE HANDLING(#TRVW_1.ItemGotSelection) OPTIONS(*NOCLEARMESSAGES
*NOCLEARERRORS)
USE BUILTIN(MESSAGE_BOX_SHOW) WITH_ARGS(OK OK INFORMATION *blanks
'ItemGotSelection event fired')
set #trvw_1.CurrentItem ensurevisible(true)
ENDROUTINE
```

END_COM

