

# Cache with VA Vista Setup

**Rewritten by: David L. Carter**  
**March 2008**  
**Rev.4 July 2010**

## Purpose of this Document

In searching for documentation I had noticed that much of the documentation available was either out of date or was for other systems other than Windows. To help others I decided to organize my notes and revise the other findings.

This documentation is a work in progress as I continue to learn more from those who cut the path before me that I am following now. I have only put the pieces together for a better understanding. I do not take credit for the work of others before me.

If there are errors or typos found, or there should be something included please notify the site where you found this document and I will update it for them.

Special thanks to Joel Ivey.

### Disclaimer

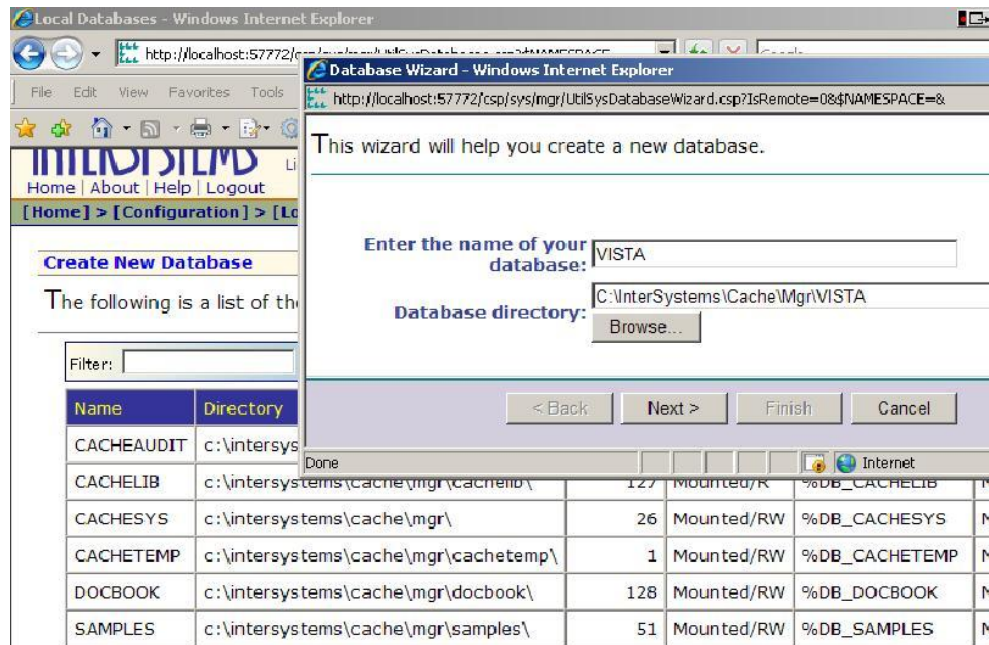
**This documentation is for setting up a development test environment on a single Windows Operating System and does not include steps for production environments. For advice or steps for production environments please contact a Consultant for further help.**

## How to Use This Documentation

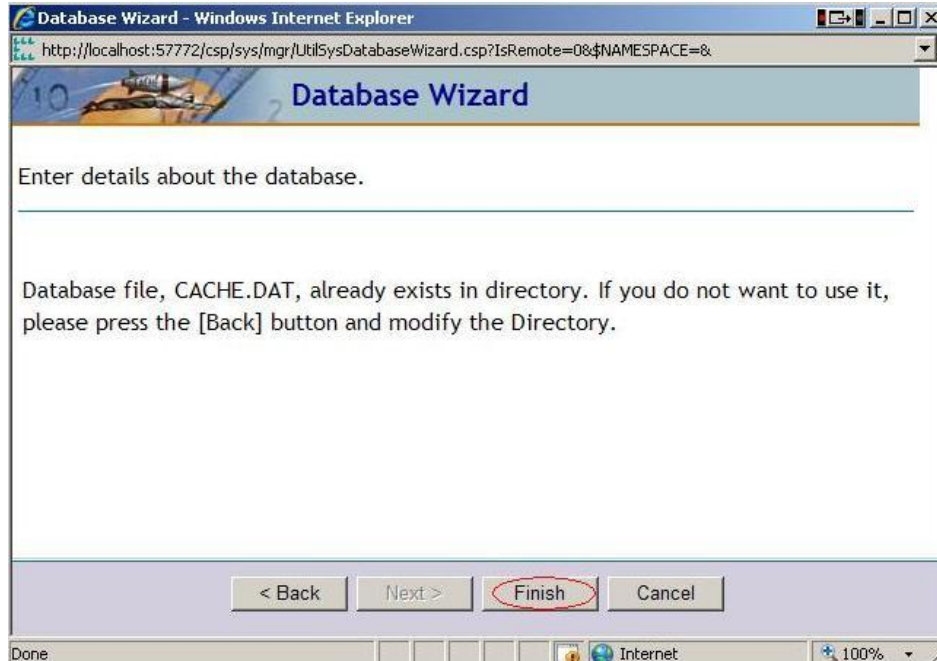
Any text in **bold** is text that you will type in. The text that is **red** in the steps is usually an action key stroke or something that does not need an entry. Some empty lines have also been removed to save space with this document.

## **CACHE WITH VA VISTA INSTALLATION**

1. Unzip the Vista zip file
2. Create a folder in C:\InterSystems\Cache\Mgr named VISTA
3. Copy the Cache.dat file from the extracted zip folder to the new folder in Mgr called VISTA
4. Open the web based System Management Portal from the Cache cube in the System Tray.
5. In the System Management Portal go to Configuration → Local Databases → Create New Database, then in the popup window form put the name VISTA and press Next.

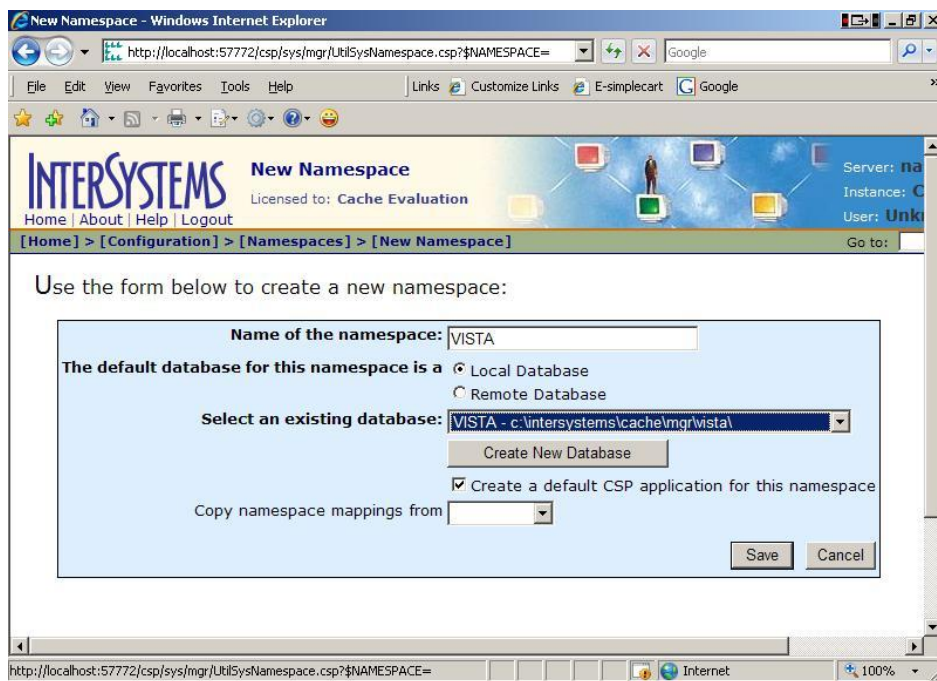


It will echo back that Cache.dat already exists in the directory do you want to use it, keep it to yes and press finish.

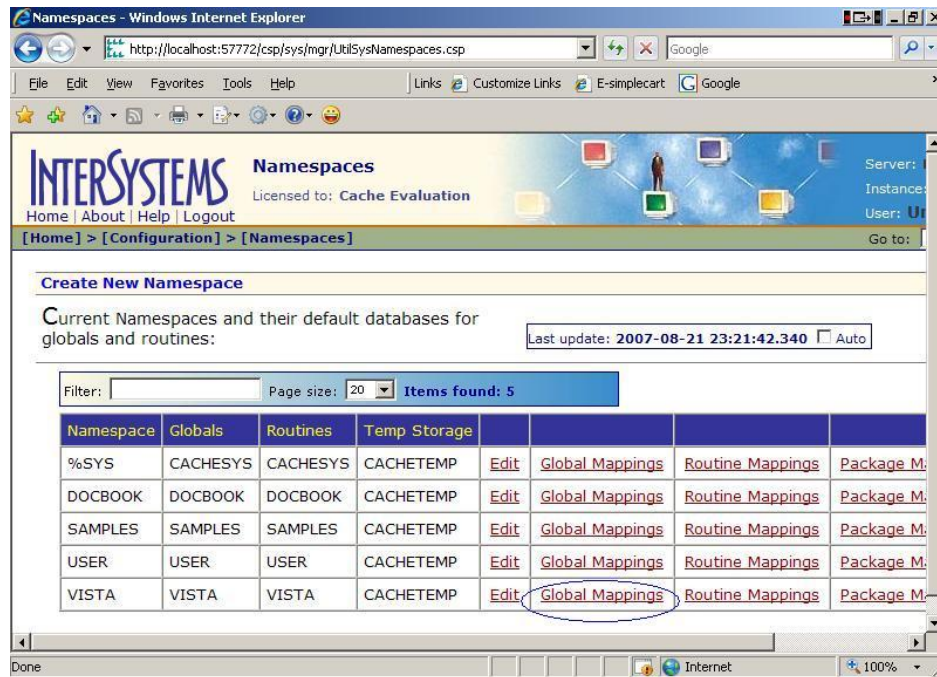


The popup window will close and the VISTA database should be listed in your Local Databases list now.

6. In the System Management Portal go to Configuration → Namespaces → Create New Namespace, another window will open then enter VISTA for the name and select VISTA in the drop down for Existing Data Base then press Save. VISTA should now appear in the list.



7. Click on Global Mappings for VISTA.



Another window will open up and Select VISTA for the location and enter %Z\* then press OK.



After a few seconds it will refresh the page and the background color of the list will be changed.

8. Go to Namespaces and click Routine Mappings for VISTA.

The screenshot shows the InterSystems Namespaces web application. The browser title is "Namespaces - Windows Internet Explorer". The address bar shows the URL: `http://localhost:57772/csp/sys/mgr/UtilSysNamespaces.csp?ID1=VISTA&NAME`. The page header includes the InterSystems logo, "Namespaces", and "Licensed to: Cache Evaluation". There are navigation links for "Home", "About", "Help", and "Logout". The breadcrumb trail is "[Home] > [Configuration] > [Namespaces]".

The main content area is titled "Create New Namespace" and displays "Current Namespaces and their default databases for globals and routines:". A "Last update" field shows "2007-08-21 23:29:28.715" with an "Auto" checkbox. Below this is a filter and pagination section: "Filter: [ ] Page size: 20 Items found: 5".

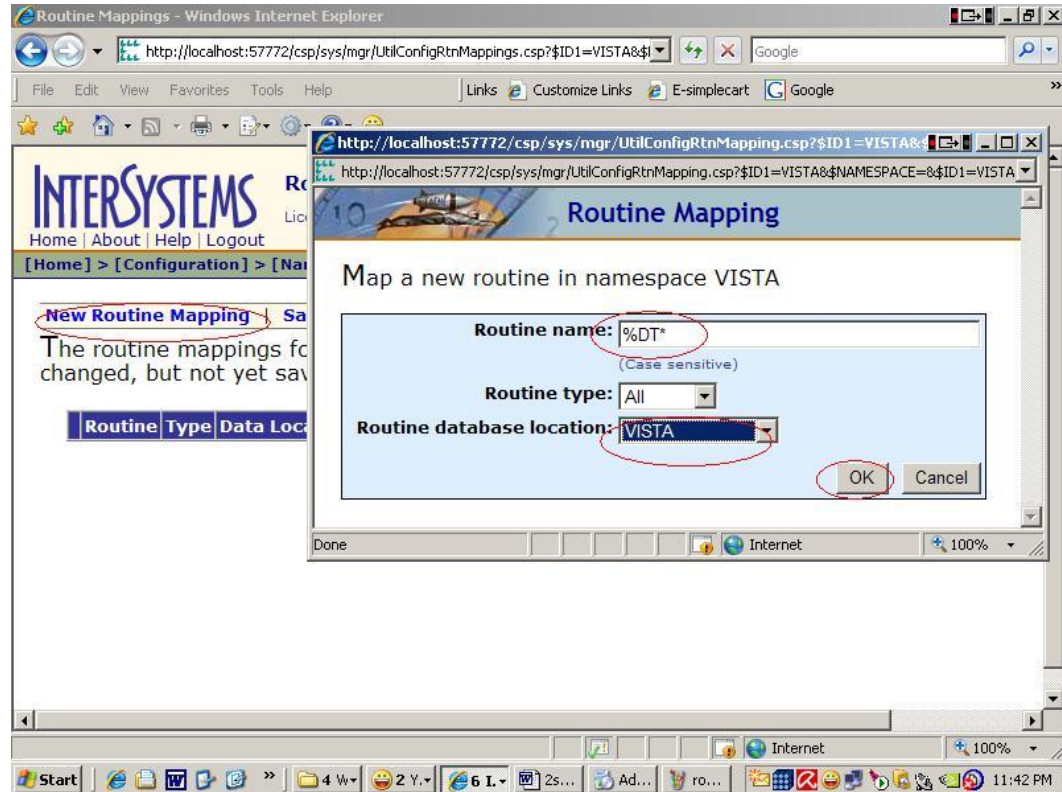
Namespace	Globals	Routines	Temp Storage				
%SYS	CACHESYS	CACHESYS	CACHETEMP	<a href="#">Edit</a>	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package M...</a>
DOCBOOK	DOCBOOK	DOCBOOK	CACHETEMP	<a href="#">Edit</a>	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package M...</a>
SAMPLES	SAMPLES	SAMPLES	CACHETEMP	<a href="#">Edit</a>	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package M...</a>
USER	USER	USER	CACHETEMP	<a href="#">Edit</a>	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package M...</a>
VISTA	VISTA	VISTA	CACHETEMP	<a href="#">Edit</a>	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package M...</a>

The "Routine Mappings" link for the VISTA namespace is circled in red. The browser status bar at the bottom shows the URL: `http://localhost:57772/csp/sys/mgr/UtilConfigRtnMappings.csp?ID1=VISTA&NAME` and "Internet" mode.

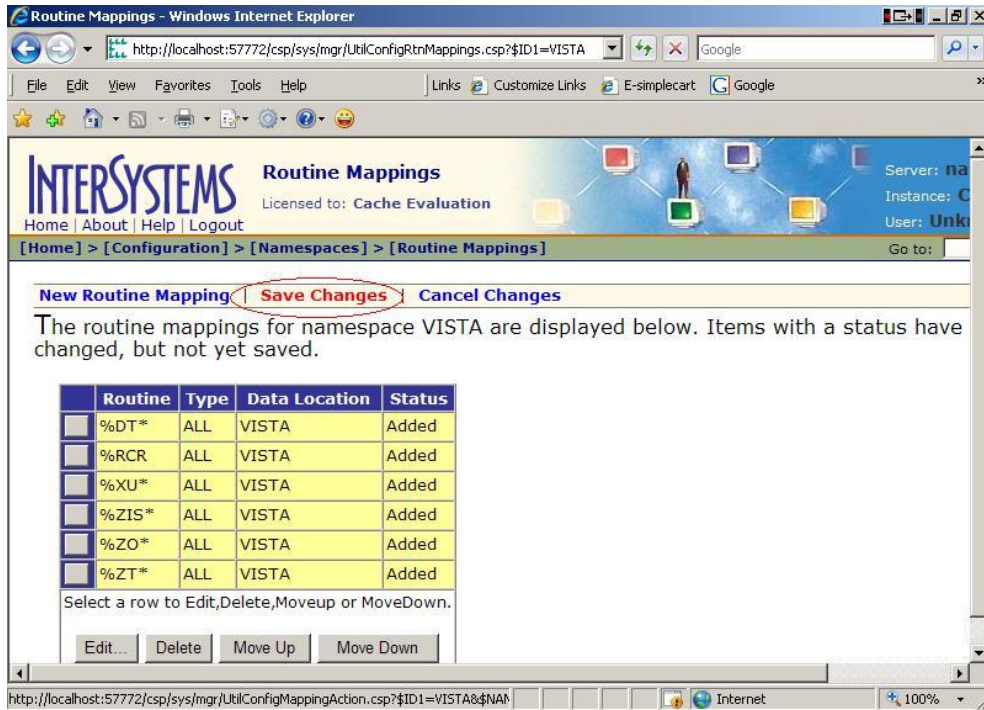


On the next page click New Routine Mapping and popup window will open. Input the routine name and select VISTA for the Routine database location. Do this for the following list of names:

- %DT\* to VISTA
- %RCR to VISTA
- %XU\* to VISTA
- %ZIS\* to VISTA
- %ZO\* to VISTA
- %ZT\* to VISTA



When finished adding the names click Save Changes at the top above the list. A few seconds later it will refresh the page and the background color of the list will have changed.





## **UPGRADE VISTA FOR CACHE 2007**

USER>D ^%CD

Namespace: **VISTA**

You're in namespace VISTA

Default directory is c:\intersystems\cache\mgr\vista\

*(the next Upgrade line is case sensitive and it may take a few minutes to run)*

VISTA>D \$SYSTEM.OBJ.Upgrade()

Converting class dictionary to version 10 ...

Converting class dictionary to version 11 ...

Converting class dictionary to version 12 ...

Converting class dictionary to version 13 ...

Converting class dictionary to version 14 ...

Converting class dictionary to version 15 ...

Converting class dictionary to version 16 ...

Converting class dictionary to version 17 ...

Converting class dictionary to version 18 ...

Converting class dictionary to version 19 ...

Converting class dictionary to version 20 ...

Converting class dictionary to version 21 ...

Uncompiling classes ...

VISTA>

# ZTMGRSET

VISTA>D ^ZTMGRSET

ZTMGRSET Version 8.0 Patch level \*\*34,36,69,94,121,127,136,191,275,355\*\*  
HELLO! I exist to assist you in correctly initializing the current account.

This is namespace or uci VISTA,VISTA.  
Should I continue? N//Y  
I think you are using OpenM-NT  
Which MUMPS system should I install?

1 = VAX DSM(V6), VAX DSM(V7)  
2 = MSM-PC/PLUS, MSM for NT or UNIX  
3 = Cache (VMS, NT, Linux), OpenM-NT  
4 = Datatree, DTM-PC, DT-MAX  
5 =  
6 =  
7 = GT.M (VMS)  
8 = GT.M (Unix)  
System: 3//

I will now rename a group of routines specific to your operating system.

Routine: ZOSVONT    Loaded, Saved as %ZOSV

Routine:

Routine: ZIS4ONT    Loaded, Saved as %ZIS4

Routine: ZISFONT    Loaded, Saved as %ZISF

Routine: ZISHONT    Loaded, Saved as %ZISH

Routine: XUCIONT    Loaded, Saved as %XUCI

Routine:

Routine: ZISTCPS    Loaded, Saved as %ZISTCPS

Routine: ZTMDCL    Loaded, Saved as %ZTMDCL

Routine: ZOSVKRO    Loaded, Saved as %ZOSVKR

Routine: ZOSVKSOE    Loaded, Saved as %ZOSVKSE

Routine: ZOSVKSOS    Loaded, Saved as %ZOSVKSS

Routine: ZOSVKSD    Loaded, Saved as %ZOSVKSD

NAME OF MANAGER'S NAMESPACE: VISTA//

PRODUCTION (SIGN-ON) NAMESPACE: VISTA//

NAME OF THIS CONFIGURATION: VISTA//

ALL SET UP

Now to load routines common to all systems.

Routine: ZTLOAD    Loaded, Saved as %ZTLOAD

Routine: ZTLOAD1    Loaded, Saved as %ZTLOAD1

**\*\*\* There will be several Routines listed before the next prompt\*\*\***

Want to rename the FileMan routines: No//

Installing ^%Z editor

Setting ^%ZIS('C')

Now, I will check your % globals.....

ALL DONE

9. Then type D ^DINIT press enter, and when it asks Initialize VA FileMan now? NO// type Y and press enter. Accept all the defaults from this point on by pressing enter. It will then echo back several lines and the final line will be INITIALIZATION COMPLETED IN ## SECONDS. The seconds may vary, but when you see this you have FileMan up and running.

VISTA>D ^DINIT

VA FileMan V.22.0

Initialize VA FileMan now? NO//Y

SITE NAME: VA PLATINUM ACCOUNT// VISTA

SITE NUMBER: 50// .....

Now loading MUMPS Operating System File....

Now loading DIALOG and LANGUAGE Files.....

TYPE OF MUMPS SYSTEM YOU ARE USING: CACHE/OpenM//

Now loading other FileMan files--please

wait.....

.....

.....

The following files have been installed:

- .11 INDEX
- .2 DESTINATION
- .31 KEY
- .4 PRINT TEMPLATE
- .401 SORT TEMPLATE
- .402 INPUT TEMPLATE
- .403 FORM
- .404 BLOCK
- .44 FOREIGN FORMAT
- .46 IMPORT TEMPLATE
- .5 FUNCTION
- .6 DD AUDIT

- .7 MUMPS OPERATING SYSTEM
- .81 DATA TYPE
- .83 COMPILED ROUTINE
- .84 DIALOG
- .85 LANGUAGE
- 1 FILE
- 1.1 AUDIT
- 1.11 ARCHIVAL ACTIVITY
- 1.12 FILEGRAM HISTORY
- 1.13 FILEGRAM ERROR LOG
- 1.2 ALTERNATE EDITOR
- 1.521 SQLI\_SCHEMA
- 1.52101 SQLI\_KEY\_WORD
- 1.5211 SQLI\_DATA\_TYPE
- 1.5212 SQLI\_DOMAIN
- 1.5213 SQLI\_KEY\_FORMAT
- 1.5214 SQLI\_OUTPUT\_FORMAT
- 1.5215 SQLI\_TABLE
- 1.5216 SQLI\_TABLE\_ELEMENT
- 1.5217 SQLI\_COLUMN
- 1.5218 SQLI\_PRIMARY\_KEY
- 1.5219 SQLI\_FOREIGN\_KEY
- 1.52191 SQLI\_ERROR\_TEXT
- 1.52192 SQLI\_ERROR\_LOG

Re-indexing entries in the DIALOG file.....

Compiling all forms ...

DICATT	(#.001)
DIPTED	(#.1001)
DIKC EDIT	(#.1101)
DIKC EDIT UI	(#.1102)

\*\*\*\* There will be several of these listed then the initialization line will be seen next\*\*\*\*

INITIALIZATION COMPLETED IN 19 SECONDS.

10. Type in **D GETENV^%ZOSV W Y** then **enter** for it to echo your Box Volume Pair back to you ie. **VISTA^VISTA^MachineName^VISTA:CACHEWEB** then write down this line to use later.

## **USER ACCOUNT SETUP**

11. At the VISTA> prompt, type S DUZ=1 press enter, then type D Q^DI and press enter again. It will start FileMan up and ask you for an option. Type ?? then enter to see a list of options if you aren't already familiar with them. Type 1 then enter. For the file to edit type 200 then enter, for the user file. For edit which field type .01 then enter. When it says THEN EDIT FIELD type ACCESS CODE then enter. It will ask a second time for THEN EDIT FIELD just leave this one blank and press enter. When it says Select NEW PERSON NAME: type in your lastname,firstname . Note there isn't a space after the comma between the last and first name. It will then echo back that you are adding this person as a new user and prompt for a yes or no to add them. Type Y for yes then enter. Enter 6-20 characters mixed alphanumeric and punctuation (except '^', ';', ':').

```
VISTA>S DUZ=1
VISTA>D Q^DI
VA FileMan 22.0
```

Select OPTION: **1** ENTER OR EDIT FILE ENTRIES

```
INPUT TO WHAT FILE: ZIP CODE// 200 NEW PERSON (15 entries)
EDIT WHICH FIELD: ALL// .01 NAME
THEN EDIT FIELD: ACCESS CODE Want to edit ACCESS CODE (Y/N)
THEN EDIT FIELD:      (press enter)
```

Select NEW PERSON NAME: **LASTNAME,FIRSTNAME**

Are you adding ' LASTNAME,FIRSTNAME' as a new NEW PERSON (the 16TH)?  
No// **Y** (Yes)

Checking SOUNDEX for matches.

No matches found.

NEW PERSON INITIAL: **LFC**

NEW PERSON MAIL CODE: (press enter)

Want to edit ACCESS CODE (Y/N): **Y**

Enter a new ACCESS CODE <Hidden>: \*\*\*\*\*

Please re-type the new code to show that I have it right: \*\*\*\*\*

OK, Access code has been changed!

The VERIFY CODE has been deleted as a security measure.

You will need to enter a new VERIFY code so the user can sign-on.

Select NEW PERSON NAME: (press enter)

Select OPTION: **5** INQUIRE TO FILE ENTRIES

```
OUTPUT FROM WHAT FILE: NEW PERSON//      (press enter)
```

```
Select NEW PERSON NAME: LASTNAME LASTNAME,FIRSTNAME    LFC
```

```
ANOTHER ONE:      (press enter)
```

```
STANDARD CAPTIONED OUTPUT? Yes// (Yes)
```

Include COMPUTED fields: (N/Y/R/B): NO// **B** BOTH Computed Fields and Record Number (IEN)  
DISPLAY AUDIT TRAIL? No// NO (press enter)

NUMBER: **14** NAME: LASTNAME,FIRSTNAME  
INITIAL: LFC ACCESS CODE: <Hidden>  
DATE ENTERED: JAN 14, 2007 CREATOR: SOMEOTHER,NAME  
Entry Last Edit Date: JAN 14, 2007 NAME COMPONENTS: 200  
SIGNATURE BLOCK PRINTED NAME: LASTNAME,FIRSTNAME  
DATE ACCESS CODE LAST CHANGED (c): JAN 14,2007  
PROVIDER KEY (c): 0

Select NEW PERSON NAME: (just press enter)

Select OPTION: (just press enter)

VISTA>SET DUZ=**14**

VISTA>S \$P(^VA(200,DUZ,0),"^",4)="@"

VISTA>D ^XUP

Setting up programmer environment

This is a TEST account.

Select TERMINAL TYPE NAME: **C-VT100**

1 C-VT100 Digital Equipment Corporation VT-100 video

2 C-VT100HIGH Normal display of characters in BOLD !

CHOOSE 1-2: **1** C-VT100 Digital Equipment Corporation VT-100 video

Terminal Type set to: C-VT100

Select OPTION NAME: **XUMAINT** Menu Management

Select Menu Management Option: **KEY** Management

Select Key Management Option: **ALLO**cation of Security Keys

Allocate key: **XUMGR**

Another key: **XMMGR**

Another key: **XUPROG**

1 XUPROG

2 XUPROGMODE

CHOOSE 1-2: **1** XUPROG

Another key: **XUPROGMODE**

Another key: **ZTMQ**

Another key: (just press enter)

Holder of key: LASTNAME,FIRSTNAME LFC

Another holder: (just press enter)

You've selected the following keys:

XUPROG XUMGR XUPROGMODE ZTMQ XMMGR

You've selected the following holders:



LASTNAME,FIRSTNAME  
You are allocating keys. Do you wish to proceed? YES//  
XUPROG being assigned to:  
    LASTNAME,FIRSTNAME  
XUMGR being assigned to:  
    LASTNAME,FIRSTNAME  
XUPROGMODE being assigned to:  
    LASTNAME,FIRSTNAME  
ZTMQ being assigned to:  
    LASTNAME,FIRSTNAME  
XMMGR being assigned to:  
    LASTNAME,FIRSTNAME  
Select Key Management Option:           (just press enter)  
Select Menu Management Option:         (just press enter)  
Do you really want to halt? YES//       (just press enter)  
Logged out at Jan 14, 2007 2:18 am  
VISTA>

VISTA>**D ^XUP**

Setting up programmer environment  
This is a TEST account.

Terminal Type set to: C-VT100

Select OPTION NAME: **XUSERED**  
    1 XUSEREDIT     Edit an Existing User  
    2 XUSEREDITSELF     Edit User Characteristics  
CHOOSE 1-2: **1 XUSEREDIT**     Edit an Existing User  
Edit an Existing User  
Select NEW PERSON NAME: **LASTNAME,FIRSTNAME**     DLC

**NOTE: Editing a user can also be done by editing them in New Person file see below for adding COR tabs.**

Select OPTION: **1 ENTER OR EDIT FILE ENTRIES**  
INPUT TO WHAT FILE: DEVICE// **NEW**  
    1 NEW PERSON                     (16 entries)  
    2 NEW WORK ACTION               (32 entries)  
CHOOSE 1-2: **1 NEW PERSON**             (16 entries)  
EDIT WHICH FIELD: ALL//  
Select NEW PERSON NAME: **LASTNAME,FIRSTNAME**     DLC  
NAME: LASTNAME,FIRSTNAME//  
STREET ADDRESS 1:  
STREET ADDRESS 2:

STREET ADDRESS 3:

CITY:

STATE:

ZIP CODE:

TEMPORARY ADDRESS 1: ^**CPRS** TAB

Select CPRS TAB: **COR** CPRS GUI "core" tabs.

Are you adding 'COR' as a new CPRS TAB (the 1ST for this NEW PERSON)? No// Y  
(Yes)

EFFECTIVE DATE: **T** (JUN 22, 2007)

EXPIRATION DATE:

Select CPRS TAB: ^

VISTA>**D ^XUP**

Setting up programmer environment

This is a TEST account.

Terminal Type set to: C-VT100

Select OPTION NAME: **XUMAINT** Menu Management

Select Menu Management Option: **EDI**t options

Select OPTION to edit: **EVE**

1 EVE Systems Manager Menu

2 EVENT CAPTURE (ECS) EXTRACT AU ECX ECS SOURCE AUDIT

Event Capture

(ECS) Extract Audit

3 EVENT CAPTURE DATA ENTRY ECENTER Event Capture Data Entry

4 EVENT CAPTURE EXTRACT ECXEC Event Capture Extract

5 EVENT CAPTURE MANAGEMENT MENU ECMGR Event Capture

Management Menu

Press <RETURN> to see more, '^' to exit this list, OR

CHOOSE 1-5: **1** EVE Systems Manager Menu

NAME: EVE// **^10** MENU (**^10 is the same as clicking enter 10 times here**)

Select ITEM: HL MAIN MENU// **DIU**

1 DIUNEDIT Uneditable Data

2 DIUSER VA FileMan

3 DIUTILITY Utility Functions

CHOOSE 1-3: **2** DIUSER VA FileMan

Are you adding 'DIUSER' as a new MENU (the 13TH for this OPTION)? No// Y  
(Yes)

MENU SYNONYM: **FM**

SYNONYM: FM// (**just press enter**)

DISPLAY ORDER:

Select ITEM: **XMMGR**

- 1 XMMGR Manage Mailman
- 2 XMMGR-BACKGROUND-FILER Background Filer (XMAD)
- 3 XMMGR-BKFILER-ACT Active Users/Deliveries Report
- 4 XMMGR-BKFILER-EDIT-NORMALIZED Edit numbers to Normalize

Reports

- 5 XMMGR-BKFILER-GROUP Deliveries by Group

Press <RETURN> to see more, '^' to exit this list, OR

CHOOSE 1-5: **1** XMMGR Manage Mailman

Are you adding 'XMMGR' as a new MENU (the 14TH for this OPTION)? No// **Y**  
(Yes)

MENU SYNONYM: (just press enter)

SYNONYM: (just press enter)

DISPLAY ORDER: (just press enter)

Select ITEM: (just press enter)

CREATOR: other,name // **LASTNAME,FIRSTNAME** LF SYSTEM  
MANAGER

HELP FRAME: ^

Select OPTION to edit: **XUCOMMAND** SYSTEM COMMAND OPTIONS

NAME: XUCOMMAND// **^MENU**

- 1 MENU
- 2 MENU TEXT

CHOOSE 1-2: **1** MENU

Select ITEM: XUS KAAJEE WEB LOGON// **XMUSER** MailMan Menu

...OK? Yes// **Y** (Yes)

ITEM: XMUSER// (press enter)

SYNONYM: **MM**

DISPLAY ORDER: (press enter)

Select ITEM: (press enter)

CREATOR: other,name// **LASTNAME,FIRSTNAME** LF SYSTEM  
MANAGER

HELP FRAME: ^

Select OPTION to edit:

*Tip: For some of the things in this setup there are other Secondary Menus and Keys that will be needed. Here is a list that will help.*

Secondary Menu(s)

-----

[OR CPRS GUI CHART]	CPRSCart version 1.0.26.68
[GMRVMGR]	Vitals/Measurement
[DGMGR]	MAS MANAGER
[ORCL MENU]	Clinical Coordinator's Menu
[GMV V/M GUI]	Vitals/Measurements GUI Application
[XOBV VISTALINK TESTER]	VistALink Tester
DG [DG SYSTEM DEFINITION MENU]	ADT System Definition Menu
PXRM [PXRM MANAGERS MENU]	Reminder Managers Menu
LAB [WV MENU-LAB DATA ENTRY]	Lab Data Entry Menu

Keys Held

-----

ORES	PROVIDER	XMMGR	XUMGR
XUPROG	XUPROGMODE	ZTMQ	

## SETTING UP THE DOMAIN AND SITE

VISTA>D Q^DI

VA FileMan 22.0

Your Identity(DUZ) is 0(zero).

Please identify yourself.

Access Code: (type your access code here)

Your Identity(DUZ) is still 0(zero).

You need to identify yourself!

New Person?: LASTNAME,FIRSTNAME      DLC      SYSTEM MANAGER

Select OPTION: 1 ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: **DOMAIN**                      (18 entries)

EDIT WHICH FIELD: ALL// (press enter)

Select DOMAIN NAME: VISTA.MYDOMAIN.COM

Are you adding 'VISTA.MYDOMAIN.COM' as a new DOMAIN (the 19TH)? No// Y  
(Yes)

FLAGS: ^

Select DOMAIN NAME: (press enter)

Select OPTION: (press enter)

VISTA>DO CHRISTEN^XMUDCHR

\*\*\*\*\* WARNING \*\*\*\*\*

You are about to change the domain name of this facility  
in the MailMan Site Parameters file.

Currently, this facility is named: VISTA.PLATINUM.MED.VA.GOV

You must be extremely sure before you proceed!

Are you sure you want to change the name of this facility? NO// YES

Select DOMAIN NAME: VISTA.PLATINUM.MED.VA.GOV//

**VISTA.MYDOMAIN.COM**

The domain name for this facility is now: VISTA.MYDOMAIN.COM

PARENT: FORUM.VA.GOV// **PLATINUM.VISTA.MED.VA.GOV**

VISTA.PLATINUM.MED.VA.GOV

TIME ZONE: MDT// ??

This field defines the timezone in which this domain is located.  
Note that Standard and Daylight savings times are considered two  
different timezones, requiring that the timezone be changed with  
the changing of daylight savings. The timezones are located in the  
MailMan timezone file. The values of the cross references on this  
field are appended to message dates as they are sent over the network.

Choose from:

ADT ATLANTIC DAYLIGHT  
AST ATLANTIC STANDARD  
BDT BERING DAYLIGHT  
BST BERING STANDARD  
CDT CENTRAL DAYLIGHT  
CST CENTRAL STANDARD  
EDT EASTERN DAYLIGHT  
EST EASTERN STANDARD  
HDT ALASKA-HAWAII DAYLIGHT  
HST ALASKA-HAWAII STANDARD  
MDT MOUNTAIN DAYLIGHT  
MST MOUNTAIN STANDARD  
NDT NEWFOUNDLAND DAYLIGHT  
NST NEWFOUNDLAND STANDARD  
PDT PACIFIC DAYLIGHT  
PST PACIFIC STANDARD  
YDT YUKON DAYLIGHT  
YST YUKON STANDARD

TIME ZONE: MDT// **CST** CENTRAL STANDARD

VISTA.PLATINUM.MED.VA.GOV has been initialized as your 'parent' domain.

(Forum is usually the parent domain, unless this is a subordinate domain.)

You may edit the MailMan Site Parameter file to change your parent domain.

We will not initialize your transmission scripts.

Use the 'Subroutine editor' option under network management menu to add your site passwords to the MINIENGINE script, and the 'Edit a script' option to edit any domain scripts that you choose to.

VISTA>**D Q^DI**

VA FileMan 22.0

Select OPTION: **5** INQUIRE TO FILE ENTRIES

OUTPUT FROM WHAT FILE: DOMAIN//

Select DOMAIN NAME: **VISTA**

- 1 VISTA.MED.VA.GOV
- 2 VISTA.MYDOMAIN.COM
- 3 VISTA.PLATINUM.MED.VA.GOV

CHOOSE 1-3: **2** VISTA.MYDOMAIN.COM

ANOTHER ONE:

STANDARD CAPTIONED OUTPUT? Yes// **N** (No)

FIRST PRINT FIELD: NUMBER

THEN PRINT FIELD:

Heading (S/C): DOMAIN LIST//

DEVICE: **C**

1 CACHE-WINDOWS-CONSOLE Console (Cache' on Windows)

2 CONSOLE CONSOLE



3 GTM-UNIX-CONSOLE Console (GT.M)  
4 CACHE-WINDOWS-CONSOLE Console (Cache' on Windows)  
Choose 1-4> 1 CACHE-WINDOWS-CONSOLE Console (Cache' on Windows)  
Right Margi  
n: 80//  
DOMAIN LIST JAN 14,2007 16:06 PAGE 1  
NUMBER

---

24

Select OPTION: (press enter) →  
VISTA>S \$P(^XTV(8989.3,1,0),"^")=24  
VISTA>S \$P(^XWB(8994.1,1,0),"^")=24

VISTA>D Q^DI  
VA FileMan 22.0  
Select OPTION: **UTILITY FUNCTIONS**  
Select UTILITY OPTION: **RE-INDEX FILE**  
MODIFY WHAT FILE: DOMAIN//  
THERE ARE 10 INDICES WITHIN THIS FILE  
DO YOU WISH TO RE-CROSS-REFERENCE ONE PARTICULAR INDEX? No//  
(No)  
OK, ARE YOU SURE YOU WANT TO KILL OFF THE EXISTING 10 INDICES?  
No// **Y** (Yes)  
DO YOU THEN WANT TO 'RE-CROSS-REFERENCE'? Yes// (Yes)  
...EXCUSE ME, JUST A MOMENT PLEASE...  
FILE WILL NOW BE 'RE-CROSS-REFERENCED'.....  
Select UTILITY OPTION: **RE-INDEX FILE**  
MODIFY WHAT FILE: DOMAIN// **KERN**  
1 KERNEL PARAMETERS (5 entries)  
2 KERNEL SYSTEM PARAMETERS (1 entry)  
CHOOSE 1-2: **2** KERNEL SYSTEM PARAMETERS (1 entry)  
THERE ARE 14 INDICES WITHIN THIS FILE  
DO YOU WISH TO RE-CROSS-REFERENCE ONE PARTICULAR INDEX? No//  
N (No)  
OK, ARE YOU SURE YOU WANT TO KILL OFF THE EXISTING 14 INDICES?  
No// **Y** (Yes)  
DO YOU THEN WANT TO 'RE-CROSS-REFERENCE'? Yes// (Yes)  
...SORRY, THIS MAY TAKE A FEW MOMENTS...  
FILE WILL NOW BE 'RE-CROSS-REFERENCED'.....  
  
Select UTILITY OPTION:  
Select OPTION: **1** ENTER OR EDIT FILE ENTRIES  
INPUT TO WHAT FILE: KERNEL SYSTEM PARAMETERS// **14.5** VOLUME  
SET

(1 entry)

EDIT WHICH FIELD: ALL//

Select VOLUME SET: ??

VISTA

You may enter a new VOLUME SET, if you wish

Answer should be the name of a volume set.

When each cpu can have only one volume set, this is also the cpu name.

Answer will be used in extended global references to reach this volume.

Select VOLUME SET: **VISTA**

VOLUME SET: VISTA//(press enter)

TYPE: GENERAL PURPOSE VOLUME SET//(press enter)

INHIBIT LOGONS?: NO//(press enter)

LINK ACCESS?: YES/( press enter)

OUT OF SERVICE?: NO//(press enter)

REQUIRED VOLUME SET?: NO//(press enter)

TASKMAN FILES UCI: VISTA//(press enter)

TASKMAN FILES VOLUME SET: VISTA//(press enter)

REPLACEMENT VOLUME SET: (press enter)

DAYS TO KEEP OLD TASKS: 4//(press enter)

SIGNON/PRODUCTION VOLUME SET: Yes//(press enter)

Select VOLUME SET: (press enter)

Select OPTION: 1 ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: VOLUME SET// **14.7** TASKMAN SITE PARAMETERS

(1 entry)

EDIT WHICH FIELD: ALL//

Select TASKMAN SITE PARAMETERS BOX-VOLUME PAIR: ?

Answer with TASKMAN SITE PARAMETERS BOX-VOLUME PAIR:

VISTA:PLATINUM

You may enter a new TASKMAN SITE PARAMETERS, if you wish

Answer must be 3-30 characters in length.

The value for the current account is VISTA:CACHEWEB

Select TASKMAN SITE PARAMETERS BOX-VOLUME PAIR:

**VISTA:PLATINUM**

BOX-VOLUME PAIR: VISTA:PLATINUM// **VISTA:CACHEWEB**

RESERVED:

LOG TASKS?: NO//

DEFAULT TASK PRIORITY: 7//

TASK PARTITION SIZE:

SUBMANAGER RETENTION TIME: 0//

TASKMAN JOB LIMIT: 100//  
TASKMAN HANG BETWEEN NEW JOBS: 1//  
MODE OF TASKMAN: GENERAL PROCESSOR//  
VAX ENVIROMENT FOR DCL:  
OUT OF SERVICE: NO//  
MIN SUBMANAGER CNT:  
TM MASTER:  
Balance Interval:  
LOAD BALANCE ROUTINE:  
Auto Delete Tasks:  
Manager Startup Delay:

Select TASKMAN SITE PARAMETERS BOX-VOLUME PAIR:

Select OPTION: **1** ENTER OR EDIT FILE ENTRIES  
INPUT TO WHAT FILE: TASKMAN SITE PARAMETERS// **8994.1** RPC  
BROKER SITE PARAMETERS

(1 entry)

EDIT WHICH FIELD: ALL//

Select RPC BROKER SITE PARAMETERS DOMAIN NAME:

VISTA.PLATINUM.MED.VA.GOV

...OK? Yes// N (No)

VISTA

1 VISTA.MED.VA.GOV

2 VISTA.MYDOMAIN.COM

CHOOSE 1-2: **2** VISTA.MYDOMAIN.COM

Are you adding 'VISTA.MYDOMAIN.COM' as

a new RPC BROKER SITE PARAMETERS (the 2ND)? No// **Y** (Yes) ??

Select RPC BROKER SITE PARAMETERS DOMAIN NAME:

Select OPTION:

VISTA>**SET XUMF=1**

VISTA>**D Q^DI**

VA FileMan 22.0

Select OPTION: **1** ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: RPC BROKER SITE PARAMETERS// **4** INSTITUTION

(66 entries)

EDIT WHICH FIELD: ALL// **STATION NUMBER**

THEN EDIT FIELD:

Select INSTITUTION NAME: **VISTA HEALTH CARE**

Are you adding 'VISTA HEALTH CARE' as a new INSTITUTION (the 67TH)?

No// **Y**

(Yes)

STATION NUMBER: **6100**

Select INSTITUTION NAME:

Select OPTION: **1** ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: INSTITUTION// **40.8** MEDICAL CENTER DIVISION

(1 entry)

EDIT WHICH FIELD: ALL// FACILITY NUMBER

THEN EDIT FIELD: INSTITUTION FILE POINTER

THEN EDIT FIELD:

Select MEDICAL CENTER DIVISION NAME: **VISTA MEDICAL CENTER**

Are you adding 'VISTA MEDICAL CENTER' as

a new MEDICAL CENTER DIVISION (the 2ND)? No// **Y** (Yes)

MEDICAL CENTER DIVISION NUM: 2// **345**

MEDICAL CENTER DIVISION FACILITY NUMBER: **6100A**

FACILITY NUMBER: 6100A//

INSTITUTION FILE POINTER: **VISTA HEALTH CARE** 6100

Select MEDICAL CENTER DIVISION NAME: **VISTA MEDICAL CENTER**

6100A

FACILITY NUMBER: 6100A//

INSTITUTION FILE POINTER: VISTA HEALTH CARE//

Select MEDICAL CENTER DIVISION NAME: (press enter)

Select OPTION: (press enter)

Edit the device file

## SETUP DEVICES FOR CONNECTIONS

VISTA>D Q^DI

VA FileMan 22.0

Select OPTION: **1** ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: MEDICAL CENTER DIVISION// **DEVICE**

(49 entries)

EDIT WHICH FIELD: ALL//

Select DEVICE NAME: **CONSOLE**

1 CONSOLE CONSOLE OPA

2 CONSOLE GTM-UNIX-CONSOLE Console (GT.M) /dev/tty

3 CONSOLE CACHE-WINDOWS-CONSOLE Console (Cache' on Windows)

|TRM|

CHOOSE 1-3: **3** CACHE-WINDOWS-CONSOLE Console (Cache' on Windows)

|TRM|

NAME: CACHE-WINDOWS-CONSOLE Replace

LOCATION OF TERMINAL: Console (Cache' on Windows)

Replace

Select MNEMONIC: CONSOLE//

LOCAL SYNONYM:

\$I: |TRM|//

VOLUME SET(CPU):

SIGN-ON/SYSTEM DEVICE: **Y** YES

TYPE: VIRTUAL TERMINAL//

SUBTYPE: C-VT100// ^

Select DEVICE NAME: **TELNET**

1 TELNET TELNET TNA VISTA

2 TELNET GTM-UNIX-TELNET TELNET /dev/pts/

CHOOSE 1-2: **1** TELNET TELNET TNA VISTA

NAME: TELNET//

LOCATION OF TERMINAL: TELNET//

Select MNEMONIC:

LOCAL SYNONYM:

\$I: TNA// |**TNT**|

VOLUME SET(CPU): VISTA// @

SURE YOU WANT TO DELETE? **Y** (Yes)

SIGN-ON/SYSTEM DEVICE: **Y** YES

TYPE: VIRTUAL TERMINAL//

SUBTYPE: C-VT320// ^

Select DEVICE NAME: **HFS** Host File Server USER\$:[TEMP]TMP.DAT

NAME: HFS//

LOCATION OF TERMINAL: Host File Server//  
Select MNEMONIC:  
LOCAL SYNONYM:  
\$I: USER\$:[TEMP]TMP.DAT// C:\temp\TEMP.TXT  
VOLUME SET(CPU):  
SIGN-ON/SYSTEM DEVICE: ^

Select DEVICE NAME: **NULL**  
1 NULL NT SYSTEM NLA0:  
2 NULL GTM-UNIX-NULL Bit Bucket (GT.M-Unix) /dev/null  
3 NULL-DSM Bit Bucket \_NLA0:  
CHOOSE 1-3: **1** NULL NT SYSTEM NLA0:  
NAME: NULL//  
LOCATION OF TERMINAL: NT SYSTEM//  
Select MNEMONIC:  
LOCAL SYNONYM:  
\$I: NLA0:// **./nul**  
VOLUME SET(CPU):  
SIGN-ON/SYSTEM DEVICE: YES// **n** NO  
TYPE: TERMINAL//  
SUBTYPE: C-VT100// ^

Select DEVICE NAME:  
Select OPTION:

## **Telnet Terminals**

Before starting with the telnet terminals you will need to edit your hosts file in Windows. The path to the file is C:\WINDOWS\system32\drivers\etc\hosts ..just open the file with notepad and then add the following lines, save, then close the file.

```
127.0.0.1 localhost
127.0.0.1 BROKERSERVER
```

The Cache terminal works fine, however there are other terminals that can be used also. A couple of free ones are Tera Term, Easy Term, and Putty. To use these you will have to open port 23 on your machine and set the server to localhost. From there you should be able to do all that you need. There are times though that taking out the ^ZU in the next section to get you back to the VISTA> prompt will be needed. Also when using telnet the port 23 will have to be open to the local network; Networking is beyond the scope of this document, but if you have the firewall on the machine and the port forwarded with your router everything should work fine. Still it is always best to block port 23 from the outside at the router.



## **ROUTINE EDITS AND SETTINGS FOR CONNECTING**

ZOSV.int edit

before

```
I v'<5 D Q AVJ
. X "S ZOSV=$ZU(5),%=$ZU(5,""%SYS"") S
AVJ=$system.License.LUAvailable(),%=$ZU(5,ZOSV)"
;Return fixed value not known version
Q 15
;
```

After

```
;I v'<5 D Q AVJ
;. X "S ZOSV=$ZU(5),%=$ZU(5,""%SYS"") S
AVJ=$system.License.LUAvailable(),%=$ZU(5,ZOSV)"
;Return fixed value not known version
Q 99 ;Q 15
;
```

*GO TO FILE THEN SAVE*

Compilation started on 08/24/2007 18:53:30 with qualifiers 'k'

Compiling routine : %ZOSV.INT

Compilation finished successfully.

ZU.int

Before

```
JOBCHK I $$AVJ^%ZOSV()<3 W $C(7),!!,"** TROUBLE ** - ** CALL IRM  
NOW! **" G HALT
```

After

```
JOBCHK ;I $$AVJ^%ZOSV()<3 W $C(7),!!,"** TROUBLE ** - ** CALL IRM  
NOW! **" G HALT
```

From the System Management Portal go to  
**[Home] > [Security Management] > [Services]**  
 Click on %Service Telnet  
 Then check Service enabled:

Then go to  
**[Home] > [Security Management] > [Users]**  
 Click on edit for UnknownUser

**Create New User**

The following is a list of user definitions: Last update: 2007-10-17 20:44:47.271  Auto

Filter:  Page size: 20 **Items found: 6**

User	Full Name	Enabled	Namespace	Routine	Type	
_PUBLIC	(Internal use - not for login)	No			Cache password user	<a href="#">Edit</a>
_SYSTEM	SQL System Manager	Yes			Cache password user	<a href="#">Edit</a>
Admin	System Administrator	Yes			Cache password user	<a href="#">Edit</a> !
CSPSystem	CSP Gateway user	Yes			Cache password user	<a href="#">Edit</a> !
SuperUser	System Super user	Yes			Cache password user	<a href="#">Edit</a> !
UnknownUser	Unauthenticated user	Yes	%SYS		Cache password user	<a href="#">Edit</a>

Select VISTA from the drop down for startup namespace  
 Startup Namespace: **VISTA**  
 Type in ^ZU for  
 Startup Tag^Routine: **^ZU**  
 Edit Definition for User UnknownUser

**[General]** | Roles | SQL Privileges | SQL Tables | SQL Vi

Name\*:

Full Name:

Comment:

Password\*:

Confirm Password\*:

Change password on next login:

User Enabled:

Expiration Date:  (yyyy-mm-dd)

Startup Namespace:

Startup Tag^Routine:

When logging in now it will prompt you for your access and verify code.

## **STARTING TASKMAN AND TCP PORT 9210**

VISTA>D ^ZTMCHK

Checking Task Manager's Environment.

Checking Taskman's globals...

^%ZTSCH is defined!

^%ZTSK is defined!

^%ZTSK(-1) is defined!

^%ZIS(14.5,0) is defined!

^%ZIS(14.6,0) is defined!

^%ZIS(14.7,0) is defined!

Checking the ^%ZOSF nodes required by Taskman...

All ^%ZOSF nodes required by Taskman are defined!

Checking the links to the required volume sets...

There are no volume sets whose links are required!

Checks completed...Taskman's environment is okay!

Press RETURN to continue or '^' to exit:

Here is the information that Taskman has:

Operating System: OpenM-NT

Volume Set: VISTA

Cpu-volume Pair: VISTA:CACHEWEB

TaskMan Files UCI and Volume Set: VISTA,VISTA

Log Tasks? N

Default Task Priority: 7

Submanager Retention Time: 0

Min Submanager Count:

Taskman Hang Between New Jobs: 1

TaskMan running as a type: GENERAL

Logons Inhibited?: N

Taskman Job Limit: 100

Max sign-ons: 256

Current number of active jobs: 1

End of listing. Press RETURN to continue:

VISTA>D ^ZTMB

VISTA>D ^ZTMON

Checking Taskman. Current \$H=60644,50503 (Jan 14, 2007@14:01:43)  
 RUN NODE=VISTA:CACHEWEB is the wrong type in taskman site parameters. (VISTA:CACHEWEB is the wrong type in taskman site parameters.)  
 Taskman is late by 5239692088 seconds. not running..

Checking the Status List:

Node weight status time \$J  
 The Status List is empty.

Checking the Schedule List:

Taskman has 27 tasks scheduled.  
 22 of them are overdue. First task is 509131 seconds late.

Checking the IO Lists: Last TM scan: 510590 sec,  
 There are no tasks waiting for devices.

Checking the Job List:

There are no tasks waiting for partitions.

Checking the Task List:

There are no tasks currently running.  
 On node VISTA:CACHEWEB there are no free Sub-Manager(s). Status: Run

Enter monitor action: UPDATE// ^  
 VISTA>D ^%SS

Cache System Status: 2:02 pm 14 Jan 2007

Process	Device	Namespace	Routine	CPU,Glob	Pr	User/Location
3900			CONTROL	0,0	7	
6088			WRTDMN	676,1349	8	
644			GARCOL	0,0	7	
5812			JRNDMN	24920,675	7	
3328			EXPDMN	0,0	7	
4940	./.nul	%SYS	%SYS.Task	220736,33982	7	TASKMGR
3620	./.nul	%SYS	MONITOR	80000,5114	7	
3416	./.nul	%SYS	CLNDMN	1088,47	7	
1176	./.nul	%SYS	RECEIVE	162304,18048	7	
4480	./.nul	%SYS	ECPWork	192,48	7	
4472	./.nul	%SYS	ECPWork	192,47	7	
4848	./.nul	%SYS	ECPWork	192,47	7	
5380	./.nul	%SYS	ECPWork	192,47	7	
4768	./.nul	%SYS	ECPWork	192,47	7	
3488	./.nul	%SYS	ECPWork	192,47	7	
4776	./.nul	%SYS	ECPWork	192,47	7	
3408	./.nul	%SYS	ECPWork	192,47	7	
2208*	TRM :	2208 %SYS	SYS.Process	6528,1415	7	UnknownUser

```
4668 |TCP|1972 %SYS %SYS.SERVER 192,49 7
```

Press Q or q to quit, any other character to continue.

Process	Device	Namespace	Routine	CPU,Glob	Pr	User/Location
4912	///nul	%SYS	%MONAPP	112064,16529	7	
4844	///nul	%SYS	%CSP.Daemon	49536,5021	7	

2 user, 19 system, 468 mb global/15 mb routine cache

VISTA>D STRT^XWBTCP(9210)

Start TCP Listener...

Checking if TCP Listener has started...

TCP Listener started successfully.

VISTA>D ^%SS

Cache System Status: 2:04 pm 14 Jan 2007

Process	Device	Namespace	Routine	CPU,Glob	Pr	User/Location
3900		CONTROL	0,0	7		
6088		WRDMDN	679,1352	8		
644		GARCOL	0,0	7		
5812		JRNDMN	24977,676	7		
3328		EXPDMN	0,0	7		
4940	///nul	%SYS	%SYS.Task	221248,34064	7	TASKMGR
3620	///nul	%SYS	MONITOR	80192,5125	7	
3416	///nul	%SYS	CLNDMN	1088,47	7	
1176	///nul	%SYS	RECEIVE	162688,18088	7	
4480	///nul	%SYS	ECPWork	192,48	7	
4472	///nul	%SYS	ECPWork	192,47	7	
4848	///nul	%SYS	ECPWork	192,47	7	
5380	///nul	%SYS	ECPWork	192,47	7	
4768	///nul	%SYS	ECPWork	192,47	7	
3488	///nul	%SYS	ECPWork	192,47	7	
4776	///nul	%SYS	ECPWork	192,47	7	
3408	///nul	%SYS	ECPWork	192,47	7	
2208*	TRM :	2208 %SYS	SYS.Process	12800,1825	7	UnknownUser
4668	TCP 1972	%SYS	%SYS.SERVER	192,49	7	

Press Q or q to quit, any other character to continue.

Process	Device	Namespace	Routine	CPU,Glob	Pr	User/Location
4912	///nul	%SYS	%MONAPP	112064,16529	7	
4844	///nul	%SYS	%CSP.Daemon	49600,5032	7	
5156	TCP 9210	VISTA	XWBTCP	2304,275	7	UnknownUser

3 user, 19 system, 468 mb global/15 mb routine cache

## STARTING VISTALINK

VISTA>D ^XUP

Setting up programmer environment

This is a TEST account.

Terminal Type set to: C-VT100

Select OPTION NAME: **FOUNDATION**

Select Action: Quit// **SL** Start Listener

Starting VistALink Listener...

Enter Port: 8000//

Select Action: Quit// **SS** System Status

Cache System Status: 3:30 pm 14 Jan 2007

Process	Device	Namespace	Routine	CPU,Glob	Pr	User/Location
3900		CONTROL	0,0	7		
6088		WRTDMN	783,1531	8		
644		GARCOL	0,0	7		
5812		JRNDMN	27556,759	7		
3328		EXPDMN	0,0	7		
4940	./.nul	%SYS	%SYS.Task	244160,37590	7	TASKMGR
3620	./.nul	%SYS	MONITOR	88448,5640	7	
3416	./.nul	%SYS	CLNDMN	1216,47	7	
1176	./.nul	%SYS	RECEIVE	179520,19960	7	
4480	./.nul	%SYS	ECPWork	192,48	7	
4472	./.nul	%SYS	ECPWork	192,47	7	
4848	./.nul	%SYS	ECPWork	192,47	7	
5380	./.nul	%SYS	ECPWork	192,47	7	
4768	./.nul	%SYS	ECPWork	192,47	7	
3488	./.nul	%SYS	ECPWork	192,47	7	
4776	./.nul	%SYS	ECPWork	192,47	7	
3408	./.nul	%SYS	ECPWork	192,47	7	
2208*	TRM :	2208 %SYS	SYS.Process	105920,23601	7	UnknownUser
4668	TCP 1972	%SYS	%SYS.SERVER	192,49	7	

Press Q or q to quit, any other character to continue.

Process	Device	Namespace	Routine	CPU,Glob	Pr	User/Location
4912	./.nul	%SYS	%MONAPP	123456,18195	7	
4844	./.nul	%SYS	%CSP.Daemon	54784,5547	7	
5156	TCP 9210	VISTA	XWBTCPL	2752,314	7	UnknownUser
2840	TCP 8000	VISTA	XOBVTCPL	3392,484	7	UnknownUser

4 user, 19 system, 468 mb global/15 mb routine cache

Enter RETURN to continue or '^' to exit:

## **INSTALLING CLIENT SIDE VISTALINK**

There are several PDF guides to help with installing, but with Windows the extra things for other systems will not be required. This section is only for a quick install to get started and does not go into further details.

1. Download and install the Java runtime JRE 1.4.1 or higher or the JDK onto the machine.
2. Download the most current VistaLink XOB zip file from the VA Ftp site.
3. Create the directory C:\Program Files\vistalink\samples
4. Unzip the zip file from the Ftp site and copy the following files from the zip into the samples folder:
  - gov.va.med.vistalink.connectorConfig.xml
  - j2ee.jar
  - jaas.config
  - jaxen-core.jar
  - jaxen-dom.jar
  - log4j-1.2.8.jar
  - ra.xml
  - runRpcConsole.bat
  - runSwingSimple.bat
  - runSwingSimpleCcow.bat
  - runSwingTester.bat
  - saxpath.jar
  - setVistaLinkEnvironment.bat
  - vljConnector-1.5.0.026.jar
  - vljFoundationsLib-1.5.0.026.jar
  - vljSamples-1.5.0.026.jar
  - vljSecurity-1.5.0.026.jar
  - xbean.jar
5. Create a folder named props inside the sample folder and copy over the following file into it:
  - log4jConfig.xml

6. Edit the gov.va.med.vistalink.connectorConfig.xml file to look like this example:

```
<?xml version="1.0" encoding="UTF-8"?>
<connectors xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="connectorConfig.xsd"
xmlns="http://med.va.gov/vistalink/adaptor/config">
  <connector
    jndiName="vlj/testconnector"
    primaryStation="6100"
    ip="127.0.0.1"
    port="9210"
    access-code="YOUR ACCESS CODE"
    verify-code="YOUR VERIFY CODE"
    encrypted="false"
    enabled="true"
    always-use-default-as-min="false"
  >
</connector>
</connectors>
```

7. Edit the jaas.config to look like this example:

```
DemoServer {
  gov.va.med.vistalink.security.VistaLoginModule requisite
  gov.va.med.vistalink.security.ServerAddressKey="127.0.0.1"
  gov.va.med.vistalink.security.ServerPortKey="8000";
};
LocalServer {
  gov.va.med.vistalink.security.VistaLoginModule requisite
  gov.va.med.vistalink.security.ServerAddressKey="127.0.0.1"
  gov.va.med.vistalink.security.ServerPortKey="8000";
};
```

8. Ensure that VistaLink is running and then you should be able to double click the .bat files to see the samples for VistaLink.

For any projects with NetBeans IDE be sure to include the .jar files above to use with your project.



## **GUIMAIL SETUP**

Download the package from the WorldVista sourceforge download page for 2.3.  
Copy the kids file CWMAIL2\_3.KID to the C:\InterSystems\Cache\Mgr\VISTA.

From the System Managers Menu type in **^KIDS**

Select Kernel Installation & Distribution System Option: **INSTALLation**

Select Installation Option: **1** Load a Distribution

Enter a Host File: **CWMAIL2\_3.KID**

Distribution OK!

Want to Continue with Load? YES//

Build CWMAIL\*2.3\*0 has an Enviromental Check Routine

Want to RUN the Environment Check Routine? YES//

CWMAIL\*2.3\*0

Will first run the Environment Check Routine, CWMAINI

Use INSTALL NAME: CWMAIL\*2.3\*0 to install this Distribution.

Select Installation Option: **6** Install Package(s)

Select INSTALL NAME: **CWMAIL\*2.3\*0**

Loaded from Distribution    Loaded from Distribution 8/28/07@22:15:49

=> VERSION 2.3 ;Created on Jul 22, 2005@07:26:11

This Distribution was loaded on Aug 28, 2007@22:15:49 with header of  
VERSION 2.3 ;Created on Jul 22, 2005@07:26:11

It consisted of the following Install(s):

CWMAIL\*2.3\*0

Checking Install for Package CWMAIL\*2.3\*0

Will first run the Environment Check Routine, CWMAINI

Install Questions for CWMAIL\*2.3\*0

Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES//

Want KIDS to INHIBIT LOGONs during the install? YES//

Enter the Device you want to print the Install messages.

You can queue the install by enter a 'Q' at the device prompt.

Enter a '^' to abort the install.

DEVICE: HOME// **(IT RUNS THROUGH THE INSTALL HERE ON ITS OWN)**

Install Completed

Select Installation Option:

## **CPRS SETUP**

1. Create a folder called Vista in C:\Program Files and then make another folder in that folder called CPRS.
2. Download CPRS gui for the system version 1.0.26.68 which is the zip OR\_30\_258.ZIP from the VA Ftp site.
3. Unzip the contents of the zip into the CPRS directory you created.
4. Create a shortcut on the desktop pointing to it and edit the properties of the shortcut target line to read "C:\Program Files\Vista\CPRS\CPRSCart.exe" s=127.0.0.1 p=9210 .
5. If when you start to run it you get an error that you need borlndmm.dll then you will have to do a search and download one.
6. After you download the dll copy it to your C:\WINDOWS\system folder and the next time you open it you shouldn't get the error again.
7. Build/setup a clinic and ward in the terminal window. See post install notes at this link: <http://www.geocities.com/kdtop3/>
8. You will then have to admit a patient in the terminal before starting CPRS because once you log into it you will be presented with a select patient dialog window. A good reference for doing this is at the following link: <http://www.geocities.com/kdtop3/> . After you admit the patient open CPRS from the shortcut on the desktop and after login you should see the patient you entered.
9. At this time you can double click on the patient name or highlight and click OK. You will then see CPRS open up with the Coversheet as default. If you get an error that you need COR tabs, see the notes above on user edits.

## **LOAD FILEMAN TUTORIAL FROM THE HARD HATS SITE**

Before starting download and place A6AKIT.rtn into  
C:\InterSystems\Cache\Mgr\VISTA.

VISTA>**D ^%RI**

Input routines from Sequential

Device: **A6AKIT.rtn**

Parameters? "R" => ENTER

%RI has detected a routine written with DSM-VMS mode.

- 0) Cache
- 1) DSM-11
- 2) DTM
- 3) Ipsum
- 4) Cobra
- 5) DSM-VMS
- 6) DSM-J
- 7) DTM-J
- 8) MSM
- 9) BASIC
- 10) U2/M
- 11) MVBASIC

To change the language mode please enter a number from the above list: <5> ENTER

File written by DSM-OpenVMS %RS on

with extension INT and with description:

Key and Index Tutorial - Routines A6AKIT, A6AKIT1, and A6AKIT2 to set up the tutorial test file on an M system.

( All Select Enter List Quit )

Routine Input Option: **ALL** Routines

If a selected routine has the same name as one already on file,  
shall it replace the one on file? No => No ENTER

Recompile? Yes => Yes ENTER

Display Syntax Errors? Yes => Yes ENTER

^ indicates routines which will replace those now on file.

@ indicates routines which have been [re]compiled.

- indicates routines which have not been filed.

A6AKIT.INT@ A6AKIT1.INT@ A6AKIT2.INT@

3 routines processed.

VISTA>D ^A6AKIT

I am going to set up a test file for the FileMan V. 22.0 Key and Index tutorial.

The tutorial assumes the name of the test file is ZZINDIVIDUAL and the number of the test file is 662nnn, but you can choose any name and number you wish.

Name of test file: ZZINDIVIDUAL// ZZDLCTEST

Are you adding 'ZZDLCTEST' as a new FILE? No// Y (Yes)

FILE NUMBER: 24001// 90909090

INTERNAL GLOBAL REFERENCE: ^DIZ(90909090,//

...EXCUSE ME, I'M WORKING AS FAST AS I CAN...

A FreeText NAME Field (#.01) has been created.

File created: ZZDLCTEST (#90909090)

Global root: ^DIZ(90909090,

DONE!!

VISTA>

Input routines from Sequential

Device: A6AKIT.rtn

Parameters? "R" =>

%RI has detected a routine written with DSM-VMS mode.

- 0) Cache
- 1) DSM-11
- 2) DTM
- 3) Ipsum
- 4) Cobra
- 5) DSM-VMS
- 6) DSM-J
- 7) DTM-J
- 8) MSM
- 9) BASIC
- 10) U2/M
- 11) MVBASIC

To change the language mode please enter a number from the above list: <5>

File written by DSM-OpenVMS %RS on  
with extension INT and with description:  
Key and Index Tutorial - Routines A6AKIT, A6AKIT1, and A6AKIT2 to set up the tutorial test file on an M system.

( All Select Enter List Quit )

Routine Input Option: ALL Routines

If a selected routine has the same name as one already on file,  
shall it replace the one on file? No => No  
Recompile? Yes => Yes  
Display Syntax Errors? Yes => Yes

^ indicates routines which will replace those now on file.  
@ indicates routines which have been [re]compiled.  
- indicates routines which have not been filed.

A6AKIT.INT@ A6AKIT1.INT@ A6AKIT2.INT@

3 routines processed.  
VISTA>D ^A6AKIT

I am going to set up a test file for the FileMan V. 22.0 Key and Index tutorial.

The tutorial assumes the name of the test file is ZZINDIVIDUAL and the number of the test file is 662nnn, but you can choose any name and number you wish.

Name of test file: ZZINDIVIDUAL// **ZZDLCTEST**  
Are you adding 'ZZDLCTEST' as a new FILE? No// **Y** (Yes)  
FILE NUMBER: 24001// 90909090

INTERNAL GLOBAL REFERENCE: ^DIZ(90909090,//

...EXCUSE ME, I'M WORKING AS FAST AS I CAN...  
A FreeText NAME Field (#.01) has been created.

File created: ZZDLCTEST (#90909090)  
Global root: ^DIZ(90909090,

DONE!!

## **INSTALLING VPE**

Copy VPE\_12\_Rtns.PRD and VPE\_12\_Rtns.MGR to C:\InterSystems\Cache\Mgr then do the following:

VISTA>**D ^%CD**

Namespace: **%SYS**

You're in namespace %SYS

Default directory is c:\intersystems\cache\mgr\  
%SYS>**D ^%RI**

Input routines from Sequential

Device: **VPE\_12\_Rtns.MGR**

Parameters? "R" =>

\*\*\*\*\* W A R N I N G \*\*\*\*\*

File Header: 7:49 AM 5-JAN-04

Date Stamp: VPE Version 12

This file may not be a %RO output file.

Override and use this File with %RI? No => yes

%RI has detected a routine written with UNKNOWN mode.

- 0) Cache
- 1) DSM-11
- 2) DTM
- 3) Ipsum
- 4) Cobra
- 5) DSM-VMS
- 6) DSM-J
- 7) DTM-J
- 8) MSM
- 9) BASIC
- 10) U2/M
- 11) MVBASIC

Please enter a number from the above list: <0>

File written by OLD VPE Version 12 with description:

7:49 AM 5-JAN-04

( All Select Enter List Quit )

Routine Input Option: all Routines

If a selected routine has the same name as one already on file,

shall it replace the one on file? No => **yes**  
Recompile? Yes => Yes  
Display Syntax Errors? Yes => Yes

^ indicates routines which will replace those now on file.  
@ indicates routines which have been [re]compiled.  
- indicates routines which have not been filed.

%ZVEMD.INT@ %ZVEMD1.INT@ %ZVEMDC.INT@ %ZVEMDI.INT@ %ZVEMDL.INT@  
%ZVEMDL1.INT@ %ZVEMDLB.INT@ %ZVEMDLD.INT@ %ZVEMDLE.INT@ %ZVEMDLI.INT@  
%ZVEMDLM.INT@ %ZVEMDM.INT@ %ZVEMDN.INT@ %ZVEMDPR.INT@ %ZVEMDPT.INT@  
%ZVEMDT.INT@ %ZVEMDU.INT@ %ZVEMDU1.INT@ %ZVEMDUM.INT@ %ZVEMDX.INT@  
%ZVEMDXK.INT@ %ZVEMDY.INT@ %ZVEMG.INT@ %ZVEMG1.INT@ %ZVEMGE.INT@  
%ZVEMGE1.INT@ %ZVEMGI.INT@ %ZVEMG11.INT@ %ZVEMGM.INT@ %ZVEMGM1.INT@  
%ZVEMGMC.INT@ %ZVEMGO.INT@ %ZVEMGP.INT@ %ZVEMGPI.INT@ %ZVEMGPS.INT@  
%ZVEMGR1.INT@ %ZVEMGR2.INT@ %ZVEMGR3.INT@ %ZVEMGS.INT@ %ZVEMGU.INT@ %ZVEMGUM.INT@  
%ZVEMGY.INT@ %ZVEMKC.INT@ %ZVEMKDT.INT@ %ZVEMKE.INT@ %ZVEMKEA.INT@  
%ZVEMKEB.INT@ %ZVEMKEC.INT@ %ZVEMKI1.INT@ %ZVEMKI2.INT@ %ZVEMKI3.INT@  
%ZVEMKI4.INT@ %ZVEMKI5.INT@ %ZVEMKP.INT@ %ZVEMKR.INT@ %ZVEMKRN.INT@  
%ZVEMKST.INT@ %ZVEMKT.INT@ %ZVEMKT1.INT@ %ZVEMKT2.INT@ %ZVEMKTF.INT@  
%ZVEMKTG.INT@ %ZVEMKTM.INT@ %ZVEMKTR.INT@ %ZVEMKTS.INT@ %ZVEMKTT.INT@  
%ZVEMKTU.INT@ %ZVEMKU.INT@ %ZVEMKU1.INT@ %ZVEMKY.INT@ %ZVEMKY1.INT@  
%ZVEMKY2.INT@ %ZVEMKY3.INT@ %ZVEMKYB.INT@ %ZVEMO.INT@ %ZVEMOC.INT@  
%ZVEMOE.INT@ %ZVEMOE1.INT@ %ZVEMOE2.INT@ %ZVEMOEA.INT@ %ZVEMOEB.INT@  
%ZVEMOEP.INT@ %ZVEMOEU.INT@ %ZVEMOM.INT@ %ZVEMOM1.INT@ %ZVEMOM2.INT@  
%ZVEMOS.INT@ %ZVEMOSS.INT@ %ZVEMOU.INT@ %ZVEMOUM.INT@ %ZVEMOY.INT@  
%ZVEMR.INT@ %ZVEMRC.INT@ %ZVEMRE.INT@ %ZVEMRE1.INT@ %ZVEMRE2.INT@  
%ZVEMREA.INT@ %ZVEMREB.INT@ %ZVEMREJ.INT@ %ZVEMREL.INT@ %ZVEMREM.INT@  
%ZVEMREO.INT@ %ZVEMREP.INT@ %ZVEMRER.INT@ %ZVEMREW.INT@ %ZVEMRI.INT@  
%ZVEMRI1.INT@ %ZVEMRID.INT@ %ZVEMRIE.INT@ %ZVEMRL1.INT@ %ZVEMRLM.INT@  
%ZVEMRLO.INT@ %ZVEMRLP.INT@ %ZVEMRLU.INT@ %ZVEMRLV.INT@ %ZVEMRLX.INT@  
%ZVEMRLY.INT@ %ZVEMRLZ.INT@ %ZVEMRM.INT@ %ZVEMRM1.INT@ %ZVEMRM2.INT@  
%ZVEMRMG.INT@ %ZVEMRMS.INT@ %ZVEMRP.INT@ %ZVEMRP1.INT@ %ZVEMRP2.INT@  
%ZVEMRS.INT@ %ZVEMRS1.INT@ %ZVEMRSS.INT@ %ZVEMRU.INT@ %ZVEMRUM.INT@  
%ZVEMRUS.INT@ %ZVEMRV.INT@ %ZVEMRY.INT@ %ZVEMSCS.INT@ %ZVEMSCU.INT@  
%ZVEMSD.INT@ %ZVEMSF.INT@ %ZVEMSH.INT@ %ZVEMSHY.INT@ %ZVEMSID.INT@  
%ZVEMSL.INT@ %ZVEMSNR.INT@ %ZVEMSO.INT@ %ZVEMSO1.INT@ %ZVEMSP.INT@  
%ZVEMSPS.INT@ %ZVEMSQ.INT@ %ZVEMSQ1.INT@ %ZVEMSQ2.INT@ %ZVEMSQL.INT@  
%ZVEMSQS.INT@ %ZVEMSKU.INT@ %ZVEMSKV.INT@ %ZVEMSKW.INT@ %ZVEMSKL.INT@  
%ZVEMSS.INT@ %ZVEMSS1.INT@ %ZVEMST.INT@ %ZVEMSTO.INT@ %ZVEMSU.INT@  
%ZVEMSU1.INT@ %ZVEMSU2.INT@ %ZVEMSY.INT@ %ZVEMSY1.INT@ %ZVEMSY2.INT@  
ZVEMBLD.INT@ ZVEMBLDA.INT@ ZVEMBLDB.INT@ ZVEMBLDL.INT@ ZVEMBLDO.INT@  
ZVEMDH1.INT@ ZVEMDH2.INT@ ZVEMDH3.INT@ ZVEMDH4.INT@ ZVEMDH5.INT@  
ZVEMGH1.INT@ ZVEMGH2.INT@ ZVEMGH3.INT@ ZVEMGH4.INT@ ZVEMGH5.INT@  
ZVEMOH1.INT@ ZVEMOH2.INT@ ZVEMOH3.INT@ ZVEMOH4.INT@ ZVEMOH5.INT@  
ZVEMRH1.INT@ ZVEMRH2.INT@ ZVEMRH3.INT@ ZVEMRH4.INT@ ZVEMRH5.INT@  
ZVEMRH6.INT@ ZVEMRH7.INT@ ZVEMRH8.INT@ ZVEMRH9.INT@ ZVEMRHL.INT@  
ZVEMRHW.INT@ ZVEMS.INT@ ZVEMSF1.INT@ ZVEMSF2.INT@ ZVEMSF3.INT@  
ZVEMSF4.INT@ ZVEMSF5.INT@ ZVEMSF6.INT@ ZVEMSF7.INT@ ZVEMSF8.INT@  
ZVEMSF9.INT@ ZVEMSF10.INT@ ZVEMSF11.INT@ ZVEMSF12.INT@ ZVEMSF13.INT@  
ZVEMSF14.INT@ ZVEMSF15.INT@ ZVEMSF16.INT@ ZVEMSF17.INT@ ZVEMSF18.INT@  
ZVEMSF19.INT@ ZVEMSF20.INT@ ZVEMSF21.INT@ ZVEMSF22.INT@ ZVEMSF23.INT@  
ZVEMSG1.INT@ ZVEMSG2.INT@ ZVEMSG3.INT@ ZVEMSG4.INT@ ZVEMSG5.INT@  
ZVEMSG6.INT@ ZVEMSG7.INT@ ZVEMSG8.INT@ ZVEMSG9.INT@ ZVEMSG10.INT@  
ZVEMSG11.INT@ ZVEMSG12.INT@ ZVEMSG13.INT@ ZVEMSG14.INT@ ZVEMSG15.INT@  
ZVEMSG16.INT@ ZVEMSG17.INT@ ZVEMSG18.INT@ ZVEMSG19.INT@ ZVEMSG20.INT@  
ZVEMSG21.INT@ ZVEMSG22.INT@ ZVEMSG23.INT@ ZVEMSG24.INT@ ZVEMSG25.INT@  
ZVEMSG26.INT@ ZVEMSG27.INT@ ZVEMSG28.INT@ ZVEMSG29.INT@ ZVEMSG30.INT@  
ZVEMSG31.INT@ ZVEMSG32.INT@ ZVEMSG33.INT@ ZVEMSG34.INT@ ZVEMSG35.INT@  
ZVEMSG36.INT@ ZVEMSG37.INT@ ZVEMSG38.INT@ ZVEMSG39.INT@ ZVEMSG40.INT@  
ZVEMSG41.INT@ ZVEMSG42.INT@ ZVEMSG43.INT@ ZVEMSG44.INT@ ZVEMSG45.INT@  
ZVEMSG46.INT@ ZVEMSG47.INT@ ZVEMSG48.INT@ ZVEMSG49.INT@ ZVEMSG50.INT@  
ZVEMSG51.INT@ ZVEMSG52.INT@ ZVEMSG53.INT@ ZVEMSG54.INT@ ZVEMSG55.INT@  
ZVEMSG56.INT@ ZVEMSG57.INT@ ZVEMSG58.INT@ ZVEMSG59.INT@ ZVEMSG60.INT@  
ZVEMSG61.INT@ ZVEMSG62.INT@ ZVEMSG63.INT@ ZVEMSG64.INT@ ZVEMSG65.INT@  
ZVEMSG66.INT@ ZVEMSG67.INT@ ZVEMSG68.INT@ ZVEMSG69.INT@ ZVEMSG70.INT@  
ZVEMSG71.INT@ ZVEMSG72.INT@ ZVEMSG73.INT@ ZVEMSG74.INT@ ZVEMSG75.INT@  
ZVEMSG76.INT@ ZVEMSG77.INT@ ZVEMSG78.INT@ ZVEMSG79.INT@ ZVEMSG80.INT@  
ZVEMSG81.INT@ ZVEMSG82.INT@ ZVEMSG83.INT@ ZVEMSG84.INT@ ZVEMSG85.INT@  
ZVEMSG86.INT@ ZVEMSG87.INT@ ZVEMSG88.INT@ ZVEMSG89.INT@ ZVEMSG90.INT@  
ZVEMSG91.INT@ ZVEMSG92.INT@ ZVEMSG93.INT@ ZVEMSG94.INT@ ZVEMSG95.INT@  
ZVEMSG96.INT@ ZVEMSG97.INT@ ZVEMSG98.INT@ ZVEMSG99.INT@ ZVEMSG100.INT@  
ZVEMSL1.INT@ ZVEMSL2.INT@ ZVEMSL3.INT@ ZVEMSL4.INT@ ZVEMSL5.INT@  
ZVEMSL6.INT@ ZVEMSL7.INT@ ZVEMSL8.INT@ ZVEMSL9.INT@ ZVEMSL10.INT@  
ZVEMSL11.INT@ ZVEMSL12.INT@ ZVEMSL13.INT@ ZVEMSL14.INT@ ZVEMSL15.INT@  
ZVEMSL16.INT@ ZVEMSL17.INT@ ZVEMSL18.INT@ ZVEMSL19.INT@ ZVEMSL20.INT@  
ZVEMSL21.INT@ ZVEMSL22.INT@ ZVEMSL23.INT@ ZVEMSL24.INT@ ZVEMSL25.INT@  
ZVEMSL26.INT@ ZVEMSL27.INT@ ZVEMSL28.INT@ ZVEMSL29.INT@ ZVEMSL30.INT@  
ZVEMSL31.INT@ ZVEMSL32.INT@ ZVEMSL33.INT@ ZVEMSL34.INT@ ZVEMSL35.INT@  
ZVEMSL36.INT@ ZVEMSL37.INT@ ZVEMSL38.INT@ ZVEMSL39.INT@ ZVEMSL40.INT@  
ZVEMSL41.INT@ ZVEMSL42.INT@ ZVEMSL43.INT@ ZVEMSL44.INT@ ZVEMSL45.INT@  
ZVEMSL46.INT@ ZVEMSL47.INT@ ZVEMSL48.INT@ ZVEMSL49.INT@ ZVEMSL50.INT@  
ZVEMSL51.INT@ ZVEMSL52.INT@ ZVEMSL53.INT@ ZVEMSL54.INT@ ZVEMSL55.INT@  
ZVEMSL56.INT@ ZVEMSL57.INT@ ZVEMSL58.INT@ ZVEMSL59.INT@ ZVEMSL60.INT@  
ZVEMSL61.INT@ ZVEMSL62.INT@ ZVEMSL63.INT@ ZVEMSL64.INT@ ZVEMSL65.INT@  
ZVEMSL66.INT@ ZVEMSL67.INT@ ZVEMSL68.INT@ ZVEMSL69.INT@ ZVEMSL70.INT@  
ZVEMSL71.INT@ ZVEMSL72.INT@ ZVEMSL73.INT@ ZVEMSL74.INT@ ZVEMSL75.INT@  
ZVEMSL76.INT@ ZVEMSL77.INT@ ZVEMSL78.INT@ ZVEMSL79.INT@ ZVEMSL80.INT@  
ZVEMSL81.INT@ ZVEMSL82.INT@ ZVEMSL83.INT@ ZVEMSL84.INT@ ZVEMSL85.INT@  
ZVEMSL86.INT@ ZVEMSL87.INT@ ZVEMSL88.INT@ ZVEMSL89.INT@ ZVEMSL90.INT@  
ZVEMSL91.INT@ ZVEMSL92.INT@ ZVEMSL93.INT@ ZVEMSL94.INT@ ZVEMSL95.INT@  
ZVEMSL96.INT@ ZVEMSL97.INT@ ZVEMSL98.INT@ ZVEMSL99.INT@ ZVEMSL100.INT@  
ZVEMSLD.INT@ ZVEMSLN.INT@

222 routines processed.  
%SYS>D ^%RI

Input routines from Sequential  
Device: **VPE\_12\_Rtns.PRD**  
Parameters? "R" =>

\*\*\*\*\* W A R N I N G \*\*\*\*\*

File Header: 4:39 PM 4-JAN-04  
Date Stamp: VPE Version 12

This file may not be a %RO output file.  
Override and use this File with %RI? No => **yes**  
%RI has detected a routine written with UNKNOWN mode.

- 0) Cache
- 1) DSM-11
- 2) DTM
- 3) Ipsum
- 4) Cobra
- 5) DSM-VMS
- 6) DSM-J
- 7) DTM-J
- 8) MSM
- 9) BASIC
- 10) U2/M
- 11) MVBASIC

Please enter a number from the above list: <0>

File written by OLD VPE Version 12 with description:  
4:39 PM 4-JAN-04

( All Select Enter List Quit )

Routine Input Option: all Routines

If a selected routine has the same name as one already on file,  
shall it replace the one on file? No => yes  
Recompile? Yes => Yes  
Display Syntax Errors? Yes => Yes

^ indicates routines which will replace those now on file.  
@ indicates routines which have been [re]compiled.  
- indicates routines which have not been filed.

VEEMI001.INT@ VEEMI002.INT@ VEEMI003.INT@ VEEMI004.INT@ VEEMI005.INT@  
VEEMI006.INT@ VEEMI007.INT@ VEEMI008.INT@ VEEMI009.INT@ VEEMI00A.INT@  
VEEMI00B.INT@ VEEMI00C.INT@ VEEMI00D.INT@ VEEMI00E.INT@ VEEMI00F.INT@



VEEMIO0G.INT@ VEEMIO0H.INT@ VEEMIO0I.INT@ VEEMIO0J.INT@ VEEMIO0K.INT@  
VEEMIO0L.INT@ VEEMIO0M.INT@ VEEMIO0N.INT@ VEEMIO0O.INT@ VEEMIO0P.INT@  
VEEMIO0Q.INT@ VEEMIO0R.INT@ VEEMIO0S.INT@ VEEMINI1.INT@ VEEMINI2.INT@  
VEEMINI3.INT@ VEEMINI4.INT@ VEEMINI5.INT@ VEEMINIS.INT@ VEEMINIT.INT@  
VEEMVPE.INT@

36 routines processed.

%SYS>D ^ZVEMBLD (return until back to the prompt)

%SYS>X ^%ZVEMS

Enter ID Number: **234** (or a number you choose)

I need to know what type of Mumps system you are running.

Select from the following choices. Selecting a system other than the one you are running, will cause errors or unpredictable behavior. DO SET^%ZVEMKY again to correct.

1. MSM
2. DTM
3. DSM
4. VAX DSM
5. CACHE
6. GT.M (VMS)
7. GT.M (Unix)

Enter number: **5**

VPE . . . Victory Programmer Environment . . . . . David Bolduc

^,H,HALT=Quit ?=Help <F1>1,<F1>2=User QWIKs <F1>3,<F1>4=System QWIKs

>>?

## **DESKTOP PRINTER SETUP**

VA FileMan 22.0

Select OPTION: **1** ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: TEST // **DEVICE** (49 entries)

EDIT WHICH FIELD: ALL//

Select DEVICE NAME: **LEXMARK**

Are you adding 'LEXMARK' as a new DEVICE (the 50TH)? No// **Y** (Yes)

DEVICE LOCATION OF TERMINAL: **DESKTOP PRINTER**

DEVICE \$I: **0**

DEVICE VOLUME SET(CPU):

DEVICE TYPE: **TERMINAL**

LOCATION OF TERMINAL: **DESKTOP PRINTER//**

Select MNEMONIC: **LEX**

Are you adding 'LEX' as a new MNEMONIC (the 1ST for this DEVICE)? No// **Y** (Yes)

Select MNEMONIC:

LOCAL SYNONYM: **LEX**

\$I: **0//**

VOLUME SET(CPU):

SIGN-ON/SYSTEM DEVICE: **NO NO**

TYPE: **TERMINAL//**

SUBTYPE: **PR-LEXMARK**

Are you adding 'PR-LEXMARK' as a new TERMINAL TYPE (the 189TH)? No// **Y** (Y

ASK DEVICE:

ASK PARAMETERS:

ASK HOST FILE:

ASK HFS I/O OPERATION:

QUEUEING: **0** ALLOWED

OUT-OF-SERVICE DATE:

NEAREST PHONE:

KEY OPERATOR:

MARGIN WIDTH: **132**

PAGE LENGTH: **60**

SUPPRESS FORM FEED AT CLOSE:

SECURITY:

CLOSEST PRINTER:

FORM CURRENTLY MOUNTED:

OPEN PARAMETERS:

CLOSE PARAMETERS:

USE PARAMETERS:

PRE-OPEN EXECUTE:

POST-CLOSE EXECUTE:

MICOM PRINTER CONTENTION PORT:

MODEM:

PRIORITY AT RUN TIME:

TASKMAN PRINT A HEADER PAGE:  
PASSWORD:  
SLAVED FROM DEVICE:  
Select HUNT GROUP DEVICE:  
AUTO DESPOOL:  
Select DESPOOL DEVICES:  
GENERATE SPL DOC NAME:  
GLOBAL TO LOCK/UNLOCK:  
OPEN COUNT: 1//  
TIMED READ (# OF SECONDS):  
# OF ATTEMPTS:  
LOCK-OUT TIME:  
MULTIPLE SIGN-ON:  
ASK DEVICE TYPE AT SIGN-ON: N NO, DON'T ASK  
AUTO MENU:  
TIED ROUTINE:  
TYPE-AHEAD:  
PERFORM DEVICE CHECKING:  
LAT SERVER NODE:  
LAT SERVER PORT:  
VMS DEVICE TYPE:  
LAT PORT SPEED:  
PRINT SERVER NAME OR ADDRESS:  
TELNET PORT:  
REMOTE PRINTER NAME:  
LAB LABEL PRINTER:  
PRIMARY MENU OPTION:  
BARCODE AVAIL:  
PROHIBITED TIMES FOR SIGN-ON:  
USE TIMEOUT ON OPENS:  
OPEN TIMEOUT:

## **WARD LOCATION SETUP**

Select OPTION NAME: **DG SYSTEM DEFINITION MENU** ADT System  
Definition Menu

Add/Edit Beds  
Bed Out-of-Service Date Enter/Edit  
Bulletin Selection  
Device Selection  
Edit Bed Control Movement Types  
Edit Ward Out-of-Service Dates  
Embosser Edit Menu ...  
Enter/Edit Transmission Routers File  
Gains and Losses Initialization  
MAS Parameter Entry/Edit  
Means Test Threshold Entry/Edit  
Reasons for Lodging Entry/Edit  
Template Selection  
Treating Specialty Set-up  
Ward Definition Entry/Edit

Select ADT System Definition Menu Option: **WARD** Definition Entry/Edit

Select WARD LOCATION NAME: **VATEST**

Are you adding 'VATEST' as a new WARD LOCATION (the 1ST)? No// **Y** (Yes)

WARD LOCATION HOSPITAL LOCATION FILE POINTER: **TEST TEAM**

Are you adding 'TEST TEAM' as a new HOSPITAL LOCATION (the 2ND)? No// **Y**  
(Yes)

HOSPITAL LOCATION TYPE: **W** WARD

HOSPITAL LOCATION TYPE EXTENSION: **WARD//**

WARD LOCATION G&L ORDER:

NAME: **VATEST//**

PRINT WARD ON WRISTBAND:

DIVISION: **VISTA MEDICAL CENTER** 6100A

INSTITUTION: **VISTA HEALTH CARE** 6100

ABBREVIATION: **VMC**

BEDSECTION: **4B**

SPECIALTY: **GEN**

CHOOSE 1-4: 3 **GENERAL SURGERY**

SERVICE: s **SURGERY**

PRIMARY LOCATION: **4B**

RAI/MDS WARD:

Select AUTHORIZED BEDS DATE: **T** JUL 14, 2007

Are you adding 'JUL 14, 2007' as

a new AUTHORIZED BEDS DATE (the 1ST for this WARD LOCATION)? No// **Y**  
(Yes)

NUMBER OF AUTHORIZED BEDS: **5**

SERIOUSLY ILL:

Select SYNONYM: **4B**  
G&L ORDER:  
Select TOTALS:  
Select WARD LOCATION NAME:

## **FILE ACCESS SETUP**

VISTA>**D ENABLE^XUFILE3**

VISTA>**D ^XUINCON**

Version 7 of the Kernel defined a new multiple-valued field in the New Person File called Accessible File. This conversion will store file access in this multiple in the following manner:

Those Users who have a FileMan Access Code (DUZ(0)) which is not null, i.e., contains some character string, will have their access string matched to the protection currently on your files. For each match between the file and the user, the file will be listed in the user's Accessible File multiple as will the type of access (dictionary, delete, laygo, read, write, audit).

NOTE: Files with no protection will NOT be assigned to any user.

Would you like to run the conversion now ? No// **Y** (Yes)

61133,33730

Build table.

Convert Users.

Give access from DISV file.

X-ref.

Done61133,33731

### **LINKS:**

<http://www.hardhats.org>

<http://www.worldvista.org>

<http://cns2.uni.edu/~okane/>

<http://www.geocities.com/kdtop3/>

<http://mumps.sourceforge.net/>

<ftp://ftp.va.gov>

<http://www.seaislandsystems.com/Vista/index.html>