CASH\_HDR and HIDU

Application and

System and Setup

Version 1.0

11/15/2008

Revision History

|  |  |  |  |
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# Application System Setup

## Overview

This manual will guide you through setting up a Caché 5.2.3 and Caché 2008 Instance on your PC. These two instances will hold the *CASH\_HDR Application* *Software* and *HIDU Application Software*.

### Cache Instances, Namespaces and Databases

For both Caché Instances, we will be adding several namespaces and associated databases.

|  |  |  |  |
| --- | --- | --- | --- |
| Caché Instance | Namespace | Database | Actual File |
|  |  |  |  |
| Caché 5.2.3 | HDRHX | SQLHDR | C:\Cache523\SQLHDR\CACHE.DAT |
|  | VAH | PLATINUM | C:\Cache523\PLATINUM\CACHE.DAT |
|  |  | HDSHDR | C:\Cache523\HDSHDR\CACHE.DAT |
|  |  |  |  |
| Caché2008 | HDRHX | SQLHDR | C:\Cache2008\SQLHDR\CACHE.DAT |
|  | VAH | PLATINUM | C:\Cache2008\PLATINUM\CACHE.DAT |
|  |  | HDSHDR | C:\Cache2008\HDSHDR\CACHE.DAT |

It is not necessary that you use the same Namespaces, Database names specified above it is suggested that you do at least until you have a good understanding of the applications.

### Users and Roles

* User – HDRHX
* Roles - HDSHDR

# Application and System Setup

## Setting up the Caché 5.2.3 Instance

### Caché 5.2.3 Installable Executable File

#### Copy over the Caché 5.2.3 Installable Executable File

The first step in setting up the Caché 5.2.3 Instance is to copy over the Caché 5.2.3 Installable Executable File. Perform the following steps:

* Run CMD.exe from windows
* IP
* Login: AI
* Password: AI
* cd test go to TEST subdirectory
* BIN <-- Go to Binary Mode
* get C5\_2\_3\_710\_0\_6949.EXE

#### Run the Caché 5.2.3 Installable Executable File

Double click on the C5\_2\_3\_710\_0\_6949.EXE file taking the defaults with the following exceptions:

* When the screen asks for the name of the Caché 5.2.3.710.0.6949 instance, specific the name “Cache523”.
* When asked the location of the new Instance, specify C:\Cache523.
* When the screen asks if you wish to enter a license key now, click No.

You have now created a Caché 5.2.3 Instance; you can access Caché by clicking the small blue box in your system tray. If you are new to Caché look around in your new Instance learning what you can. A complete description of Caché is well beyond the scope of this manual.

### Caché 5.2.3 Databases

#### Caché 5.2.3 Platinum Database (Caché.dat) File

##### Copy over the Caché 5.2.3 Platinum Database (Caché.dat) File

In this step, you will copy over the Platinum Database (Caché.dat) file. Perform the following steps:

* Run CMD.exe from windows
* IP
* Login: anonymous
* Password: You email account
* cd PLATINUM go to PLATINUM subdirectory
* BIN <-- Go to Binary Mode
* Do a “DIR” and get the latest DBA\_VISTA\_PLATINUM\_YYYYMMDD.zip file
* Unzip the downloaded file
* Create the Folder C:\Cache523\PLATINUM
* Copy the Caché.dat file from DBA\_VISTA\_PLATINUM\_YYYYMMDD.zip into C:\Cache523\PLATINUM

##### Install the Caché 5.2.3 Platinum Database (Caché.dat) File

* Go into SMP (System Management Portal) and create a database so that Caché recognizes C:\Cache523\PLATINUM\Cache.dat.

SMP: Home 🡺 Configuration 🡺Local Databases 🡺 Create New Database

* Create the namespace “VAH” that maps to the database C:\Cache523\PLATINUM\Cache.dat.
* SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Create New Namespace

#### Caché 5.2.3 HDR Database (Caché.dat) File

##### Copy over the HDR Database (Caché.dat) File

In this step, you will copy over the HDR Database (Caché.dat) file. Perform the following steps:

* Run CMD.exe from windows
* IP
* Login: AI
* Password: AI
* BIN <-- Go to Binary Mode
* Get HDRHX\_CACHE\_5\_2\_3.zip

##### Install the HDR Database (Caché.dat) File

* Go into SMP (System Management Portal) and create a database so that Caché recognizes C:\Cache523\SQLHDR\Cache.dat.

SMP: Home 🡺 Configuration 🡺Local Databases 🡺 Create New Database

* Create the namespace “HDRHX” that maps to the database C:\Cache523\SQLHDR\Cache.dat.
* SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Create New Namespace

#### Caché 5.2.3 HDSHDR Database (Caché.dat) File

* Go into SMP (System Management Portal) and create a new database names “HDSHDR” that resides in C:\Cache523\HDSHDR\Cache.dat. The database should have a size allocation of 1536 with Maximum Size of 1537 and Global Journal State of “No”.

##### Create the HDSHDR Database (Caché.dat) File

In this step, you will create an empty HDSHDR Database (Caché.dat) file. Perform the following steps:

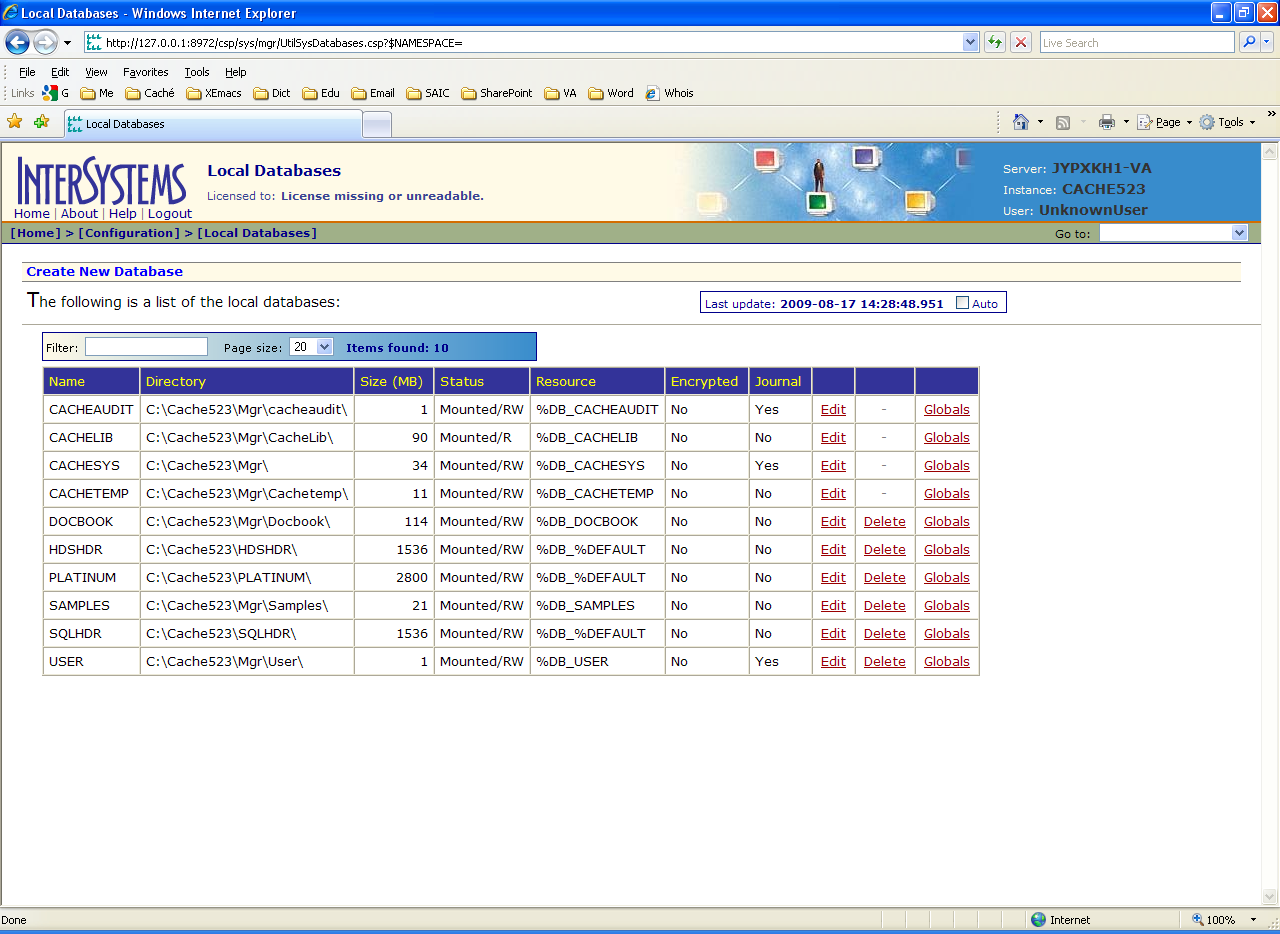
* Go into SMP (System Management Portal) and create an empty database in C:\Cache523\HDRHDR\Cache.dat.

SMP: Home 🡺 Configuration 🡺Local Databases 🡺 Create New Database

* Allocate a disk size of 1536, maximum size of 1537 with expansion of 1. Do not enable journaling.

#### Caché 5.2.3 Databases graphic representation

Cache 5.2.3 Databases should look similar to the following:



### Caché 5.2.3 Mappings

#### Caché 5.2.3 Global Mapping

In Caché, Global Mapping is Namespace specific.

##### Caché 5.2.3 Global Mapping from the HDRHX Namespace

Using Caché’ SMP, add the following Global Mapping from the HDRHX Namespace.

SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Global Mappings

|  |  |  |
| --- | --- | --- |
| Global | Subscript | Data Location |
| %Z\* |  | PLATINUM |
| CASH\* |  | SQLHDR |
| DD |  | PLATINUM |
| DD | (15050.11):(15050.19) | SQLHDR |
| DIC |  | PLATINUM |
| DIC | (15050.11):(15050.19) | SQLHDR |
| DIC | (“B”,”CASH”):(“B”,”CASI”) | SQLHDR |
| VISTA.HDS\* |  | SQLHDR |
| A:Z |  | PLATINUM |

##### Caché 5.2.3 Global Mapping from the VAH Namespace

Using Caché’ SMP, add the following Global Mapping from the VAH Namespace.

SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Global Mappings

|  |  |
| --- | --- |
| Global | Data Location |
| A:Z | PLATINUM |
| %Z\* | PLATINUM |

#### Caché 5.2.3 Routine Mapping.

##### Caché 5.2.3 Routine Mapping from the HDRHX Namespace

Using Caché SMP, add the following Routine Mapping from the HDRHX Namespace.

|  |  |
| --- | --- |
| Routine | Data Location |
| %Z\* | PLATINUM |
| %DT\* | PLATINUM |
| %RCR | PLATINUM |
| %XUCI | PLATINUM |
| CASH\* | SQLHDR |
| Fileman\* | SQLHDR |
| VISTA.HDS\* | SQLHDR |
| A:ZZZZZZZZ | PLATINUM |

##### Caché 5.2.3 Routine Mapping from the VAH Namespace

Using Caché SMP, add the following Routine Mapping from the VAH Namespace.

|  |  |
| --- | --- |
| Routine | Data Location |
| %Z\* | PLATINUM |
| %DT\* | PLATINUM |
| %RCR | PLATINUM |
| %XUCI | PLATINUM |
| A:Z | PLATINUM |

### Caché 5.2.3 Create HDRHX User

Add a “HDRHX” user. Do NOT copy from an existing account and do NOT put in an expiration date.

Home 🡺 Security Management 🡺 Users 🡺 Create New User

|  |  |
| --- | --- |
| Name: | HDRHX |
| Full Name: |  |
| Comment: | HDR Historical |
| Password\* |  |
| Confirm Password |  |
| Change password on next login: |  |
| User Enabled: | Yes |
| Expiration Date: |  |
| Startup Namespace: | HDRHX |
| Startup Tag^Routine: |  |

### Caché 5.2.3 Create HDSHDR Role

Add a “HDSHDR” Role.

Home 🡺 Security Management 🡺 Roles 🡺 Create New Role

|  |  |
| --- | --- |
| Name: | HDSHDR |
| Copy from: | DO NOT USE |
| Descriptions: | Whatever |

#### Caché 5.2.3 Click on the “Members” Tab

Under the “Available” box, click on the “HDRHX”. Then click on the black “right arrow” to move the “HDRHX” into the “Selected” box. Click on the “Assign with Grant” button. Never assign any other SQL user to this role.

#### Caché 5.2.3 Configure HDSHDR Role

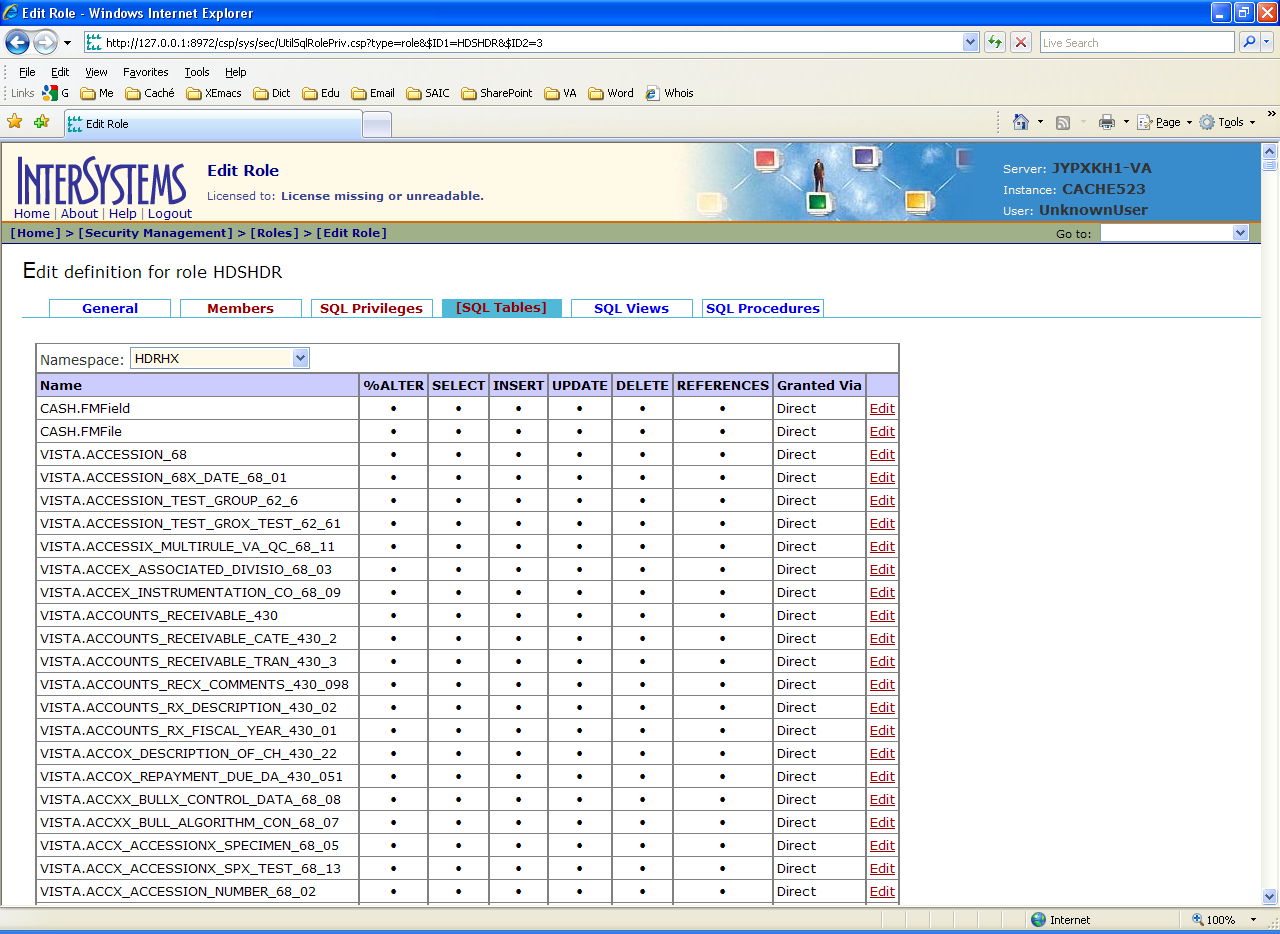
* Home 🡺 SQL
* On the left under “NAMESPACES”, select the “HDRHX” namespace.
* Execute SQL Statement
* Enter the following command in the SQL query window:

**GRANT ALL ON \* TO HDSHDR WITH GRANT OPTION**

* Execute Query

#### Caché 5.2.3 Verify the HDSHDR Role

* Home 🡺 Security Management 🡺 Roles
* Edit the HDSHDR Role
* Click on SQL Tables
* The display should look like the following with 2 CASH tables at the top and VISTA tables listed afterwards. Verify that all columns are checked (with dots) for all entries.



#### Caché 5.2.3 Add to HDSHDR Role

* Home 🡺 Security Management 🡺 Roles
* Edit the HDSHDR Role
* Click on SQL Procedures
* Ensure you are in the HDRHX Namespace
* Click the Add Button
* Click on the down arrow of the “Schema:” box and select the “CASH” schema. Then click the “Grant Admin” checkbox near the bottom.
* Select all 5 procedures in the “Available” box on the left and click on the “right arrow” to move them to the “Selected” box on the right. (Or use the double-right arrow to move them.)
* In the “Schema:” box, select the “CASH\_HDR” schema from the pull-down list. Click the “Grant Admin” checkbox again.
* Select all 6 procedures in the “Available” box and click on the “right arrow” button to move them to the “Selected” box. (Or use the double-right arrow to move them.)
* Click on the down arrow of the “Schema:” box and select the “VISTA” schema. Then Click the “Grant Admin” checkbox again.
* Select all 12 (or 18) procedures in the “Available” box and click on the “right arrow” button to move them to the “Selected” box. (Or use the double-right arrow to move them.) Check the “Grant Admin” checkbox again.

### Caché 5.2.3 User Setup

#### Caché 5.2.3 Fix Devices

The following steps must be taken to ensure device Telnet, Console and TRM are setup correctly.

##### Caché 5.2.3 Fix Devices - Telnet

Start a Terminal session and do the following steps: **(Your input is in Red)**

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D P^DI**  VA FileMan 22.0  Select OPTION: ? |  |
| Answer with OPTION NUMBER, or NAME  Choose from:  1 ENTER OR EDIT FILE ENTRIES  2 PRINT FILE ENTRIES  3 SEARCH FILE ENTRIES  4 MODIFY FILE ATTRIBUTES  5 INQUIRE TO FILE ENTRIES  6 UTILITY FUNCTIONS  7 OTHER OPTIONS  8 DATA DICTIONARY UTILITIES  9 TRANSFER ENTRIES    Select OPTION: **1** ENTER OR EDIT FILE ENTRIES |  |
| INPUT TO WHAT FILE: DEVICE// **DEVICE** |  |
| EDIT WHICH FIELD: ALL// |  |
| Select DEVICE NAME: **TELNET**  1 TELNET TELNET |TNT|  2 TELNET GTM-UNIX-TELNET TELNET /dev/pts/  CHOOSE 1-2: 1 TELNET TELNET |TNT| |  |
| NAME: TELNET// |  |
| LOCATION OF TERMINAL: TELNET// |  |
| Select MNEMONIC: |  |
| LOCAL SYNONYM: |  |
| $I : TNA// **|TNT|** |  |
| VOLUME SET(CPU): VISTA// **@** | Delete setting if you can |
| SIGN-ON/SYSTEM DEVICE: **YES** |  |
| TYPE: TERMINAL// **VTRM** VIRTUAL TERMINAL |  |
| SUBTYPE: C-VT100// |  |
| ASK DEVICE: YES// |  |
| ASK PARAMETERS: YES// |  |
| ASK HOST FILE: |  |
| ASK HFS I/O OPERATION: |  |
| QUEUING: **^** | Quit |

##### Caché 5.2.3 Fix Devices - Console

Start a Terminal session and do the following steps: **(Your input is in Red)**

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D P^DI**  VA FileMan 22.0  Select OPTION**: ?** |  |
| Answer with OPTION NUMBER, or NAME  Choose from:  1 ENTER OR EDIT FILE ENTRIES  2 PRINT FILE ENTRIES  3 SEARCH FILE ENTRIES  4 MODIFY FILE ATTRIBUTES  5 INQUIRE TO FILE ENTRIES  6 UTILITY FUNCTIONS  7 OTHER OPTIONS  8 DATA DICTIONARY UTILITIES  9 TRANSFER ENTRIES    Select OPTION: **1** ENTER OR EDIT FILE ENTRIES |  |
| INPUT TO WHAT FILE: DEVICE// **DEVICE** |  |
| EDIT WHICH FIELD: ALL// **<ENTER>** |  |
| Select DEVICE NAME: **CONSOLE**  1 CONSOLE CONSOLE |TNT|  2 CONSOLE GTM-UNIX-CONSOLE Console (GT.M)  3 CONSOLE CACHE-WINDOWS-CONSOLE Console (Cache'  CHOOSE 1-3: **1**  CONSOLE CONSOLE |TNT| |  |
| NAME: CONSOLE// **<ENTER>** |  |
| LOCATION OF TERMINAL: CONSOLE// **<ENTER>** |  |
| Select MNEMONIC: **<ENTER>** |  |
| LOCAL SYNONYM: **<ENTER>** |  |
| $I : OPA// **|TNT|** |  |
| VOLUME SET(CPU): **@** | Delete setting if you can |
| SIGN-ON/SYSTEM DEVICE: **YES** |  |
| TYPE: TERMINAL// **VTRM** VIRTUAL TERMINAL |  |
| SUBTYPE: C-VT100// **<ENTER>** |  |
| ASK DEVICE: YES// **<ENTER>** |  |
| ASK PARAMETERS: YES// **<ENTER>** |  |
| ASK HOST FILE: **<ENTER>** |  |
| ASK HFS I/O OPERATION: **<ENTER>** |  |
| QUEUING: **^** | Quit |

##### Caché 5.2.3 Fix Devices - TRM

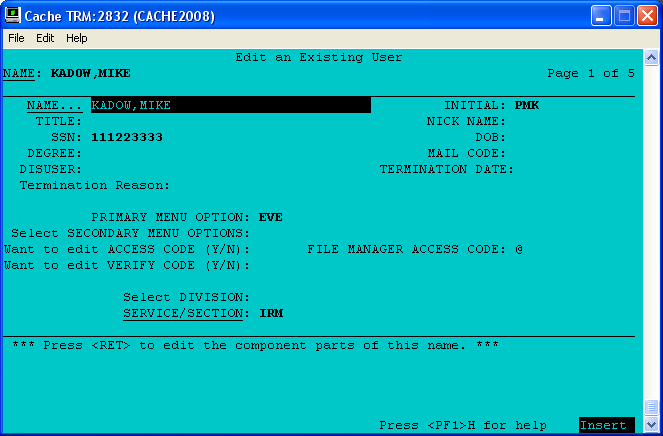
Start a Terminal session and do the following steps: **(Your input is in Red)**

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D P^DI**  VA FileMan 22.0  Select OPTION: **?** |  |
| Answer with OPTION NUMBER, or NAME  Choose from:  1 ENTER OR EDIT FILE ENTRIES  2 PRINT FILE ENTRIES  3 SEARCH FILE ENTRIES  4 MODIFY FILE ATTRIBUTES  5 INQUIRE TO FILE ENTRIES  6 UTILITY FUNCTIONS  7 OTHER OPTIONS  8 DATA DICTIONARY UTILITIES  9 TRANSFER ENTRIES    Select OPTION: **1** ENTER OR EDIT FILE ENTRIES |  |
| INPUT TO WHAT FILE: DEVICE// **DEVICE** |  |
| EDIT WHICH FIELD: ALL// **<ENTER>** |  |
| Select DEVICE NAME: **TRM** TERMINAL |TRM| |  |
| NAME: TRM// **<ENTER>** |  |
| LOCATION OF TERMINAL: TERMINAL// **<ENTER>** |  |
| Select MNEMONIC: **<ENTER>** |  |
| LOCAL SYNONYM: **<ENTER>** |  |
| $I : TRM// **|TRM|** |  |
| VOLUME SET(CPU): VISTA// **@** | Delete setting if you can |
| SIGN-ON/SYSTEM DEVICE: **YES** |  |
| TYPE: TERMINAL// **VTRM** VIRTUAL TERMINAL |  |
| SUBTYPE: C-VT100// **<ENTER>** |  |
| ASK DEVICE: YES// **<ENTER>** |  |
| ASK PARAMETERS: YES// **<ENTER>** |  |
| ASK HOST FILE: **<ENTER>** |  |
| ASK HFS I/O OPERATION: **<ENTER>** |  |
| QUEUING: **^** | Quit |

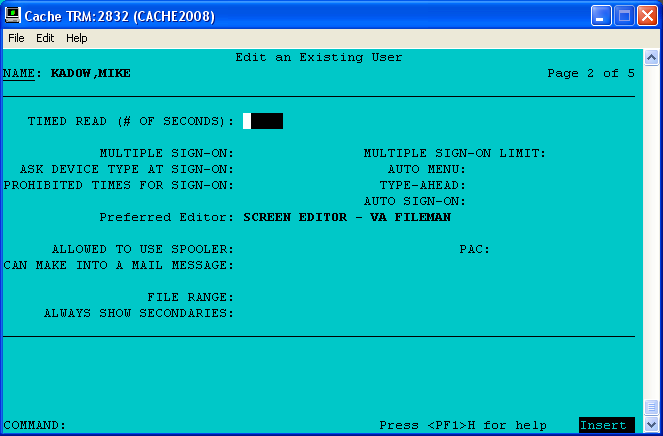
#### Caché 5.2.3 Setting up CPRS User

To set yourself up as a CPRS user perform the following:

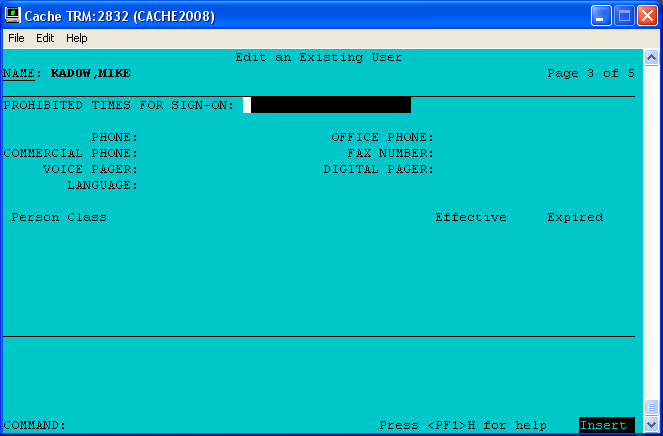
|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D ^XUP**  VA FileMan 22.0  Select OPTION: **EVE** |  |
| Select OPTION NAME: **EVE**  1 EVE Systems Manager Menu  2 EVENT CAPTURE (ECS) EXTRACT AU ECX ECS SOURCE AUDIT  3 EVENT CAPTURE DATA ENTRY ECENTER Event Capture Data Entry  4 EVENT CAPTURE EXTRACT ECXEC Event Capture Extract  5 EVENT CAPTURE MANAGEMENT MENU ECMGR Event Capture  Press <RETURN> to see more, '^' to exit this list, OR  CHOOSE 1-5: **1** |  |
| WARNING -- TASK MANAGER DOESN'T SEEM TO BE RUNNING!!!!  Core Applications ...  Device Management ...  Menu Management ...  Programmer Options ...  Operations Management ...  Spool Management ...  Information Security Officer Menu ...  Taskman Management ...  User Management ...  Application Utilities ...  Capacity Planning ...  HL7 Main Menu ...  You have PENDING ALERTS  Enter "VA to jump to VIEW ALERTS option  Select Systems Manager Menu Option: **USER Management** |  |
| Add a New User to the System  Grant Access by Profile  Edit an Existing User  Deactivate a User  Reactivate a User  List users  User Inquiry  Switch Identities  File Access Security ...  \*\*> Out of order: ACCESS DISABLED  Clear Electronic signature code  Electronic Signature Block Edit  Manage User File ...  OAA Trainee Registration Menu ...  Person Class Edit  Reprint Access agreement letter  You have PENDING ALERTS  Enter "VA to jump to VIEW ALERTS option  Select User Management Option: **Add** |  |
| Select User Management Option: ADD A NEW User to the System  Enter NEW PERSON's name (Family,Given Middle Suffix): **KADOW,PAUL**  Are you adding 'KADOW,PAUL' as a new NEW PERSON (the 18TH)? No// **Y** (Yes)  Checking SOUNDEX for matches.  No matches found.  Now for the Identifiers.  INITIAL: **PMK**  SSN: **111223333**  SEX: **M** MALE |  |



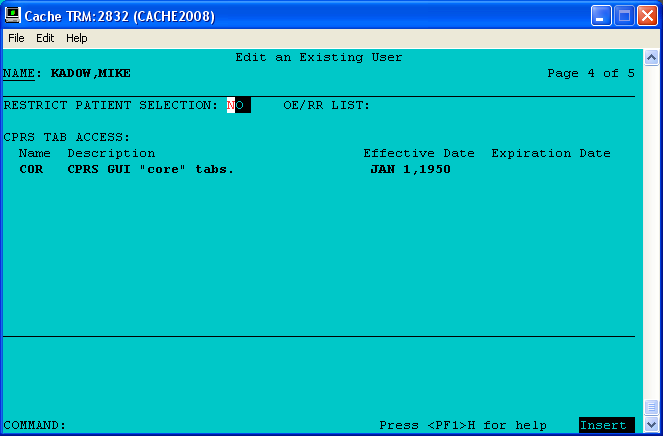
Add “EVE” and the Primary Menu Option and “IRM” as the Service/Selection. Allow down to the “Command” and select Next.



Arrow down to the “Command” and select Next.

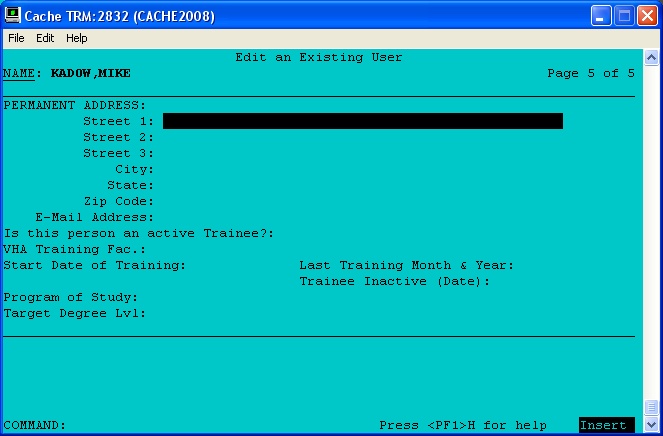


Arrow down to the “Command” and select Next.



Add “COR”

Allow down to the “Command” and select Next.



Allow down to the “Command” and select Save and Exit.

#### Caché 5.2.3 Setting up CPRS User - continued

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| VAH>**D ^%G**    Device:  Right margin: 80 =>  Screen size for paging (0=nopaging)? 24 =>  Global **^VA(200,"B"**  ^VA(200,"B","ANRVAPPLICATION,PROXY USER",13)=  ^VA(200,"B","AUTHORIZER,IB MRA",8)=  ^VA(200,"B","CENTRAL,PAID",5)=  **^VA(200,"B","DOE,JOHN",16)=**  ^VA(200,"B","EDILOCKBOX,AUTOMATIC",6)=  ^VA(200,"B","INTERFACE,IB IIV",4)=  ^VA(200,"B","LRLAB,HL",10)=  ^VA(200,"B","LRLAB,POC",9)=  ^VA(200,"B","POSTMASTER",.5)=  ^VA(200,"B","PRCA,AUTOAUDIT",7)=  ^VA(200,"B","RADIOLOGY,OUTSIDE SERVICE",15)=  ^VA(200,"B","SHARED,MAIL",.6)=  ^VA(200,"B","TEST,USER ONE",3)=  ^VA(200,"B","TEST,USER THREE",11)=  ^VA(200,"B","TEST,USER TWO",2)=  ^VA(200,"B","VISTA,DBA",1)=  ^VA(200,"B","VPFS,APPLICATION PROXY",14)=  ^VA(200,"B","XOBVTESTER,APPLICATION PROXY",12)= |  |
| Find your number in the global above and perform this set:  S $P(^VA(200,x,0),U,4)="@"  Where “x” is your number.  This gives you programmer access. |  |

#### Caché 5.2.3 Setting up CPRS User - continued

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D ^XUP** |  |

- The "D ^XUP" and "XUKEYMGMT" to give yourself keys:

XUPROG

XUPROGMODE

XUMGR

PROVIDER

ORES

OREMAS

- Use "D ^XUP" and select "EVE" to edit more of your

record as desired.

#### Caché 5.2.3 How to work with VistA terminal window

|  |  |
| --- | --- |
| ZN “VAH” | Set Namespace to VAH |
| S DUZ=1 | (This will allow you rights since 1 is the DBA’s DUZ) |
| D ^XUP | (To enter a menu OPTION to run) |

#### Caché 5.2.3 Installing Victory Programming Environment

|  |  |
| --- | --- |
| Go to website [www.hardhats.org](http://www.hardhats.org) |  |
| Under Programmer Tools you should find the Victory Programming Environment |  |
| Download the installation zip file |  |
| Unzip the installation zip file |  |
| Create a Terminal Window |  |
| Change Namespace to “VAH” |  |
| D ^%RI and import VPE\_12\_Rtns.MGR |  |
| D ^%RI and import VPE\_12\_Rtns.PRD |  |
| Override any objections |  |
| Use Caché as the environment choice |  |
| Use “ALL” entry to get all routines |  |
| Overwrite any existing routine |  |
| If asked about not being a "Manager Account" say "Yes" |  |

|  |  |
| --- | --- |
| D ^ZVEMBLD | Setup instructions |
| D ^VEEMINIT | Setup FileMan Files |

#### Caché 5.2.3 To set up the account for KEA terminal use:

- In Config Mgr, make sure Advanced tab/Startup/Telnet

start is set to "Yes."

- Using Control Panel, choose Security/User accounts and

add the username you'd like (i.e., "PLATINUM" or

whatever), then don't set a password if you don't want one

(users can just press "Enter" and go on), and enter the

routine you want to run when they enter the username:

- ^XUP will do the usual thing (and then you can

enter "XUPROGMODE" as your desired option

to get directly to the programmer prompt

when you enter "PLATINUM").

- ^%PMODE does a "standard" thing

- Select the namespace you want users

## Setting up the Caché 2008 Instance

### Caché 2008 Installable Executable File

#### Copy over the Caché 2008 Installable Executable File

The first step in setting up the Caché 2008 Instance is to copy over the Caché 2008 Installable Executable File. Perform the following steps:

* IP
* Login: AI
* Password: AI
* cd test go to TEST subdirectory
* cd hold go to HOLD subdirectory
* BIN <-- Go to Binary Mode
* get CACHÉ-2008\_2\_4\_944-WIN.EXE

#### Run the Caché 2008 Installable Executable File

Double click on the get file CACHÉ-2008\_2\_4\_944-WIN.EXE taking the defaults with the following exceptions:

* When the screen asks for the name of the Caché 5.2.3.710.0.6949 instance, specific the name “Cache2008”.
* When asked the location of the new Instance, specify C:\Cache2008.
* When the screen asks if you wish to enter a license key now, click No.

You have now created a Caché 2008 Instance; you can access Caché by clicking the small blue box in your system tray. If you are new to Caché look around in your new Instance learning what you can. A complete description of Caché is well beyond the scope of this manual.

### Caché 2008 Databases

#### Caché 2008 Platinum Database (Caché.dat) File

##### Copy over the Caché 2008 Platinum Database (Caché.dat) File

In this step, you will copy over the Platinum Database (Caché.dat) file. Perform the following steps:

* Run CMD.exe from windows
* IP
* Login: anonymous
* Password: You email account
* cd PLATINUM go to PLATINUM subdirectory
* BIN <-- Go to Binary Mode
* Do a “DIR” and get the latest DBA\_VISTA\_PLATINUM\_YYYYMMDD.zip file
* Unzip the downloaded file
* Create the Folder C:\Cache2008\PLATINUM
* Copy the Caché.dat file from DBA\_VISTA\_PLATINUM\_YYYYMMDD.zip into C:\Cache2008\PLATINUM

##### Install the Caché 2008 Platinum Database (Caché.dat) File

* Go into SMP (System Management Portal) and create a database so that Caché recognizes C:\Cache2008\PLATINUM\Cache.dat.

SMP: Home 🡺 Configuration 🡺Local Databases 🡺 Create New Database

* Create the namespace “VAH” that maps to the database C:\Cache2008\PLATINUM\Cache.dat.
* SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Create New Namespace

#### Caché 2008 HDR Database (Caché.dat) File

##### Copy over the HDR Database (Caché.dat) File

In this step, you will copy over the HDR Database (Caché.dat) file. Perform the following steps:

* Run CMD.exe from windows
* IP
* Login: AI
* Password: AI
* BIN <-- Go to Binary Mode
* Get HDRHX\_CACHE\_?????.zip

##### Install the HDR Database (Caché.dat) File

* Go into SMP (System Management Portal) and create a database so that Caché recognizes C:\Cache2008\SQLHDR\Cache.dat.

SMP: Home 🡺 Configuration 🡺Local Databases 🡺 Create New Database

* Create the namespace “HDRHX” that maps to the database C:\Cache2008\SQLHDR\Cache.dat.
* SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Create New Namespace

#### Caché 2008 HDSHDR Database (Caché.dat) File

* Go into SMP (System Management Portal) and create a new database names “HDSHDR” that resides in C:\Cache2008\HDSHDR\Cache.dat. The database should have a size allocation of 1536 with Maximum Size of 1537 and Global Journal State of “No”.

##### Create the HDSHDR Database (Caché.dat) File

In this step, you will create an empty HDSHDR Database (Caché.dat) file. Perform the following steps:

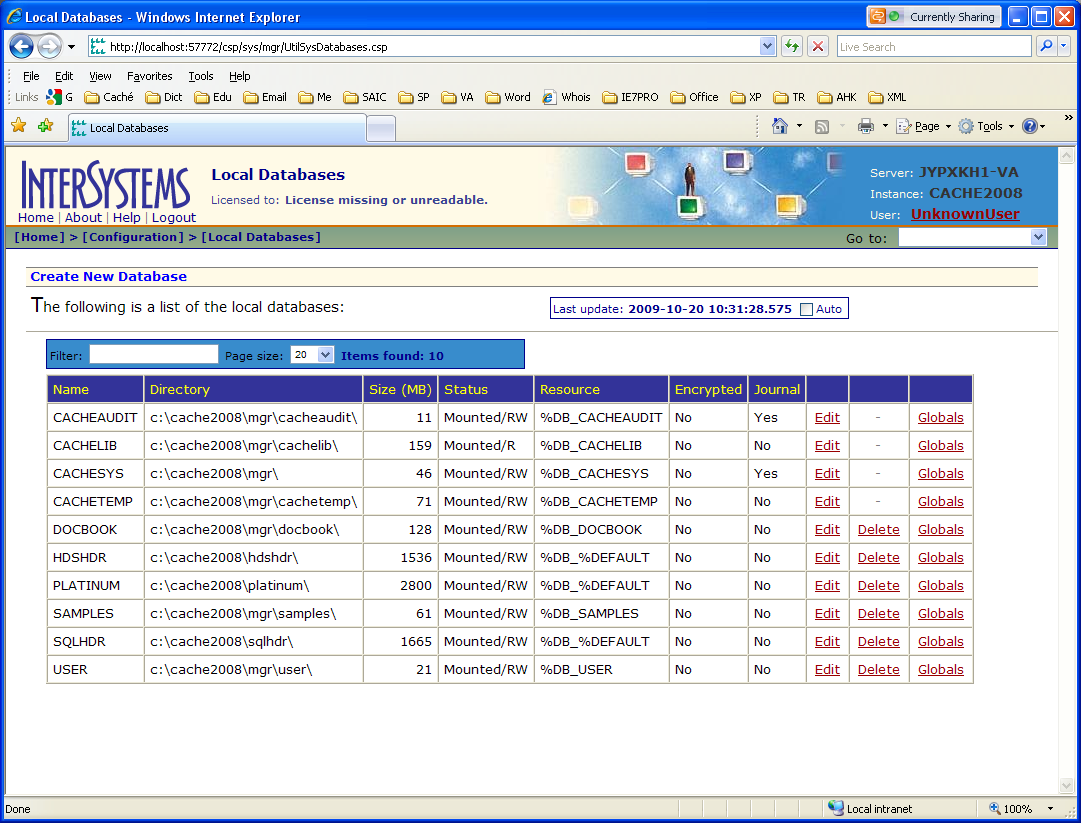
* Go into SMP (System Management Portal) and create an empty database in C:\Cache2008\HDRHDR\Cache.dat.

SMP: Home 🡺 Configuration 🡺Local Databases 🡺 Create New Database

* Allocate a disk size of 1536, maximum size of 1537 with expansion of 1. Do not enable journaling.

#### Caché 2008 Databases graphic representation

Cache 2008 Databases should look similar to the following:



### Caché 2008 Mappings

#### Caché 2008 Global Mapping

In Caché, Global Mapping is Namespace specific.

##### Caché 2008 Global Mapping from the HDRHX Namespace

Using Caché’ SMP, add the following Global Mapping from the HDRHX Namespace.

SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Global Mappings

|  |  |  |
| --- | --- | --- |
| Global | Subscript | Data Location |
| %Z\* |  | PLATINUM |
| CASH\* |  | SQLHDR |
| DD |  | PLATINUM |
| DD | (15050.11):(15050.19) | SQLHDR |
| DIC |  | PLATINUM |
| DIC | (15050.11):(15050.19) | SQLHDR |
| DIC | (“B”,”CASH”):(“B”,”CASI”) | SQLHDR |
| VISTA.HDS\* |  | SQLHDR |
| A:Z |  | PLATINUM |

##### Caché 2008 Global Mapping from the VAH Namespace

Using Caché’ SMP, add the following Global Mapping from the VAH Namespace.

SMP: Home 🡺 Configuration 🡺Namespaces 🡺 Global Mappings

|  |  |
| --- | --- |
| Global | Data Location |
| A:Z | PLATINUM |
| %Z\* | PLATINUM |

#### Caché 2008 Routine Mapping.

##### Caché 2008 Routine Mapping from the HDRHX Namespace

Using Caché SMP, add the following Routine Mapping from the HDRHX Namespace.

|  |  |
| --- | --- |
| Routine | Data Location |
| %Z\* | PLATINUM |
| %DT\* | PLATINUM |
| %RCR | PLATINUM |
| %XUCI | PLATINUM |
| CASH\* | SQLHDR |
| Fileman\* | SQLHDR |
| VISTA.HDS\* | SQLHDR |
| A:ZZZZZZZZ | PLATINUM |

##### Caché 2008 Routine Mapping from the VAH Namespace

Using Caché SMP, add the following Routine Mapping from the VAH Namespace.

|  |  |
| --- | --- |
| Routine | Data Location |
| %Z\* | PLATINUM |
| %DT\* | PLATINUM |
| %RCR | PLATINUM |
| %XUCI | PLATINUM |
| A:Z | PLATINUM |

### Caché 2008 Create HDRHX User

Add a “HDRHX” user. Do NOT copy from an existing account and do NOT put in an expiration date.

Home 🡺 Security Management 🡺 Users 🡺 Create New User

|  |  |
| --- | --- |
| Name: | HDRHX |
| Full Name: |  |
| Comment: | HDR Historical |
| Password\* |  |
| Confirm Password |  |
| Change password on next login: |  |
| User Enabled: | Yes |
| Expiration Date: |  |
| Startup Namespace: | HDRHX |
| Startup Tag^Routine: |  |

### Caché 2008 Create HDSHDR Role

Add a “HDSHDR” Role.

Home 🡺 Security Management 🡺 Roles 🡺 Create New Role

|  |  |
| --- | --- |
| Name: | HDSHDR |
| Copy from: | DO NOT USE |
| Descriptions: | Whatever |

#### Caché 2008 Click on the “Members” Tab

Under the “Available” box, click on the “HDRHX”. Then click on the black “right arrow” to move the “HDRHX” into the “Selected” box. Click on the “Assign with Grant” button. Never assign any other SQL user to this role.

#### Caché 2008 Configure HDSHDR Role

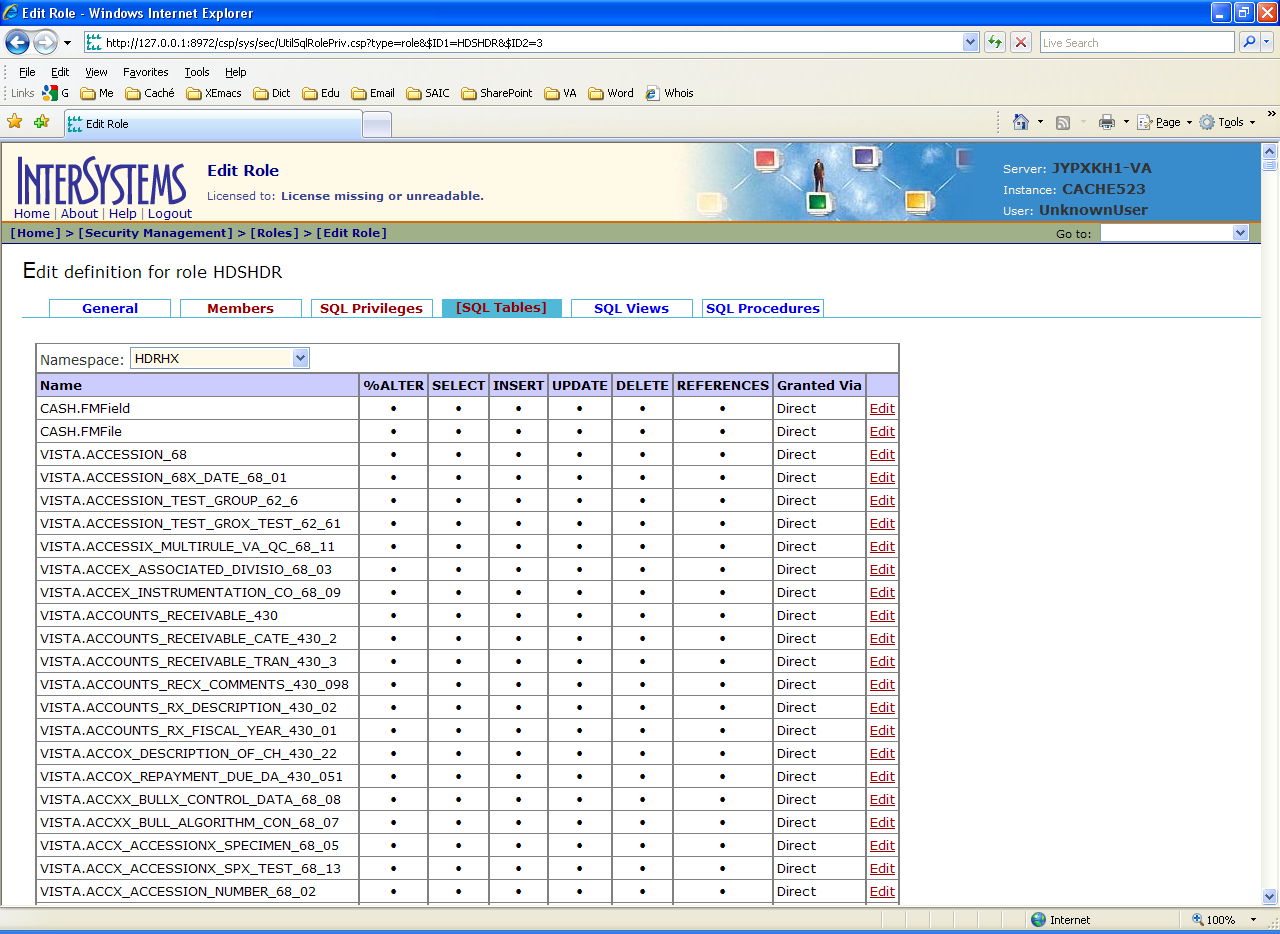
* Home 🡺 SQL
* On the left under “NAMESPACES”, select the “HDRHX” namespace.
* Execute SQL Statement
* Enter the following command in the SQL query window:

**GRANT ALL ON \* TO HDSHDR WITH GRANT OPTION**

* Execute Query

#### Caché 2008 Verify the HDSHDR Role

* Home 🡺 Security Management 🡺 Roles
* Edit the HDSHDR Role
* Click on SQL Tables
* The display should look like the following with 2 CASH tables at the top and VISTA tables listed afterwards. Verify that all columns are checked (with dots) for all entries.



#### Caché 2008 Add to HDSHDR Role

* Home 🡺 Security Management 🡺 Roles
* Edit the HDSHDR Role
* Click on SQL Procedures
* Ensure you are in the HDRHX Namespace
* Click the Add Button
* Click on the down arrow of the “Schema:” box and select the “CASH” schema. Then click the “Grant Admin” checkbox near the bottom.
* Select all 5 procedures in the “Available” box on the left and click on the “right arrow” to move them to the “Selected” box on the right. (Or use the double-right arrow to move them.)
* In the “Schema:” box, select the “CASH\_HDR” schema from the pull-down list. Click the “Grant Admin” checkbox again.
* Select all 6 procedures in the “Available” box and click on the “right arrow” button to move them to the “Selected” box. (Or use the double-right arrow to move them.)
* Click on the down arrow of the “Schema:” box and select the “VISTA” schema. Then Click the “Grant Admin” checkbox again.
* Select all 12 (or 18) procedures in the “Available” box and click on the “right arrow” button to move them to the “Selected” box. (Or use the double-right arrow to move them.) Check the “Grant Admin” checkbox again.

### Caché 2008 User Setup

#### Caché 2008 Fix Devices

Start a Terminal session and do the following steps: **(Your input is in Red)**

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D P^DI**  VA FileMan 22.0  Select OPTION: ? |  |
| Answer with OPTION NUMBER, or NAME  Choose from:  1 ENTER OR EDIT FILE ENTRIES  2 PRINT FILE ENTRIES  3 SEARCH FILE ENTRIES  4 MODIFY FILE ATTRIBUTES  5 INQUIRE TO FILE ENTRIES  6 UTILITY FUNCTIONS  7 OTHER OPTIONS  8 DATA DICTIONARY UTILITIES  9 TRANSFER ENTRIES    Select OPTION: **1** ENTER OR EDIT FILE ENTRIES |  |
| INPUT TO WHAT FILE: DEVICE// **DEVICE** |  |
| EDIT WHICH FIELD: ALL// |  |
| Select DEVICE NAME: **TELNET**  1 TELNET TELNET |TNT|  2 TELNET GTM-UNIX-TELNET TELNET /dev/pts/  CHOOSE 1-2: 1 TELNET TELNET |TNT| |  |
| NAME: TELNET// |  |
| LOCATION OF TERMINAL: TELNET// |  |
| Select MNEMONIC: |  |
| LOCAL SYNONYM: |  |
| $I : TNA// **|TNT|** |  |
| VOLUME SET(CPU): VISTA// **@** | Delete setting if you can |
| SIGN-ON/SYSTEM DEVICE: **YES** |  |
| TYPE: TERMINAL// **VTRM** VIRTUAL TERMINAL |  |
| SUBTYPE: C-VT100// |  |
| ASK DEVICE: YES// |  |
| ASK PARAMETERS: YES// |  |
| ASK HOST FILE: |  |
| ASK HFS I/O OPERATION: |  |
| QUEUING: **^** | Quit |

##### Caché 2008 Fix Devices - Console

Start a Terminal session and do the following steps: **(Your input is in Red)**

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D P^DI**  VA FileMan 22.0  Select OPTION**: ?** |  |
| Answer with OPTION NUMBER, or NAME  Choose from:  1 ENTER OR EDIT FILE ENTRIES  2 PRINT FILE ENTRIES  3 SEARCH FILE ENTRIES  4 MODIFY FILE ATTRIBUTES  5 INQUIRE TO FILE ENTRIES  6 UTILITY FUNCTIONS  7 OTHER OPTIONS  8 DATA DICTIONARY UTILITIES  9 TRANSFER ENTRIES    Select OPTION: **1** ENTER OR EDIT FILE ENTRIES |  |
| INPUT TO WHAT FILE: DEVICE// **DEVICE** |  |
| EDIT WHICH FIELD: ALL// **<ENTER>** |  |
| Select DEVICE NAME: **CONSOLE**  1 CONSOLE CONSOLE |TNT|  2 CONSOLE GTM-UNIX-CONSOLE Console (GT.M)  3 CONSOLE CACHE-WINDOWS-CONSOLE Console (Cache'  CHOOSE 1-3: **3**  CONSOLE CONSOLE |TNT| |  |
| NAME: CONSOLE// **<ENTER>** |  |
| LOCATION OF TERMINAL: CONSOLE// **<ENTER>** |  |
| Select MNEMONIC: **<ENTER>** |  |
| LOCAL SYNONYM: **<ENTER>** |  |
| $I : OPA// **|TRM|** |  |
| VOLUME SET(CPU): **@** | Delete setting if you can |
| SIGN-ON/SYSTEM DEVICE: **YES** |  |
| TYPE: TERMINAL// **VTRM** VIRTUAL TERMINAL |  |
| SUBTYPE: C-VT100// **<ENTER>** |  |
| ASK DEVICE: YES// **<ENTER>** |  |
| ASK PARAMETERS: YES// **<ENTER>** |  |
| ASK HOST FILE: **<ENTER>** |  |
| ASK HFS I/O OPERATION: **<ENTER>** |  |
| QUEUING: **^** | Quit |

##### Caché 2008 Fix Devices - TRM

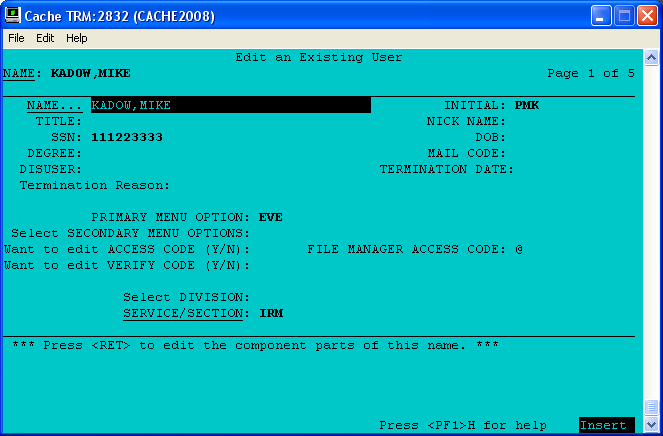
Start a Terminal session and do the following steps: **(Your input is in Red)**

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D P^DI**  VA FileMan 22.0  Select OPTION: **?** |  |
| Answer with OPTION NUMBER, or NAME  Choose from:  1 ENTER OR EDIT FILE ENTRIES  2 PRINT FILE ENTRIES  3 SEARCH FILE ENTRIES  4 MODIFY FILE ATTRIBUTES  5 INQUIRE TO FILE ENTRIES  6 UTILITY FUNCTIONS  7 OTHER OPTIONS  8 DATA DICTIONARY UTILITIES  9 TRANSFER ENTRIES    Select OPTION: **1** ENTER OR EDIT FILE ENTRIES |  |
| INPUT TO WHAT FILE: DEVICE// **DEVICE** |  |
| EDIT WHICH FIELD: ALL// **<ENTER>** |  |
| Select DEVICE NAME: **TRM** TERMINAL |TRM| |  |
| NAME: TRM// **<ENTER>** |  |
| LOCATION OF TERMINAL: TERMINAL// **<ENTER>** |  |
| Select MNEMONIC: **<ENTER>** |  |
| LOCAL SYNONYM: **<ENTER>** |  |
| $I : TRM// **|TRM|** |  |
| VOLUME SET(CPU): VISTA// **@** | Delete setting if you can |
| SIGN-ON/SYSTEM DEVICE: **NO** |  |
| TYPE: TERMINAL// **VTRM** VIRTUAL TERMINAL |  |
| SUBTYPE: C-VT100// **<ENTER>** |  |
| ASK DEVICE: YES// **<ENTER>** |  |
| ASK PARAMETERS: YES// **<ENTER>** |  |
| ASK HOST FILE: **<ENTER>** |  |
| ASK HFS I/O OPERATION: **<ENTER>** |  |
| QUEUING: **^** | Quit |

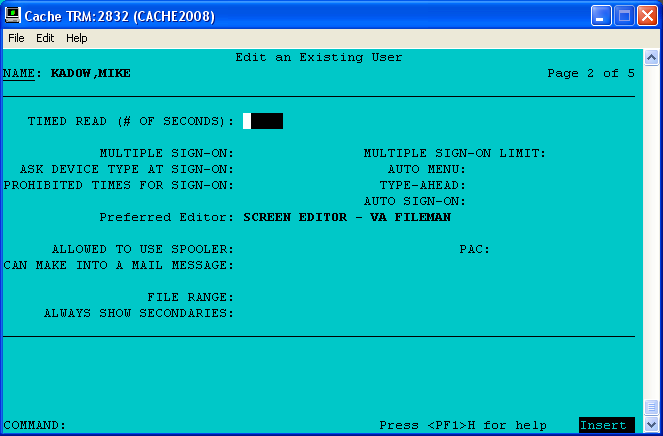
#### Caché 2008 Setting up CPRS User

To set yourself up as a CPRS user perform the following:

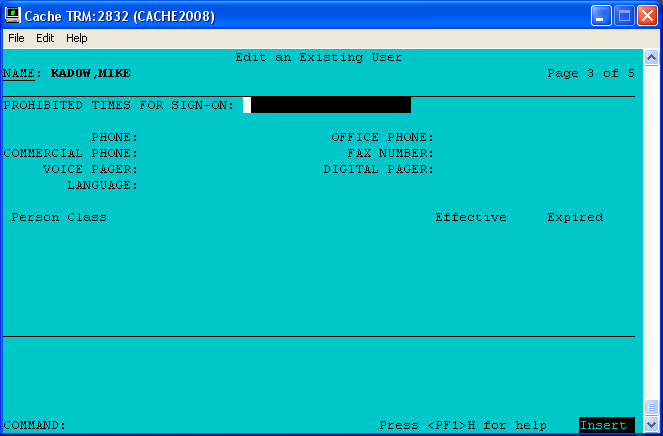
|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D ^XUP**  VA FileMan 22.0  Select OPTION: **EVE** |  |
| Select OPTION NAME: **EVE**  1 EVE Systems Manager Menu  2 EVENT CAPTURE (ECS) EXTRACT AU ECX ECS SOURCE AUDIT  3 EVENT CAPTURE DATA ENTRY ECENTER Event Capture Data Entry  4 EVENT CAPTURE EXTRACT ECXEC Event Capture Extract  5 EVENT CAPTURE MANAGEMENT MENU ECMGR Event Capture  Press <RETURN> to see more, '^' to exit this list, OR  CHOOSE 1-5: **1** |  |
| WARNING -- TASK MANAGER DOESN'T SEEM TO BE RUNNING!!!!  Core Applications ...  Device Management ...  Menu Management ...  Programmer Options ...  Operations Management ...  Spool Management ...  Information Security Officer Menu ...  Taskman Management ...  User Management ...  Application Utilities ...  Capacity Planning ...  HL7 Main Menu ...  You have PENDING ALERTS  Enter "VA to jump to VIEW ALERTS option  Select Systems Manager Menu Option: **USER Management** |  |
| Add a New User to the System  Grant Access by Profile  Edit an Existing User  Deactivate a User  Reactivate a User  List users  User Inquiry  Switch Identities  File Access Security ...  \*\*> Out of order: ACCESS DISABLED  Clear Electronic signature code  Electronic Signature Block Edit  Manage User File ...  OAA Trainee Registration Menu ...  Person Class Edit  Reprint Access agreement letter  You have PENDING ALERTS  Enter "VA to jump to VIEW ALERTS option  Select User Management Option: **Add** |  |
| Select User Management Option: ADD A NEW User to the System  Enter NEW PERSON's name (Family,Given Middle Suffix): **KADOW,PAUL**  Are you adding 'KADOW,PAUL' as a new NEW PERSON (the 18TH)? No// **Y** (Yes)  Checking SOUNDEX for matches.  No matches found.  Now for the Identifiers.  INITIAL: **PMK**  SSN: **11122333**3  SEX: **M** MALE  NPI: |  |



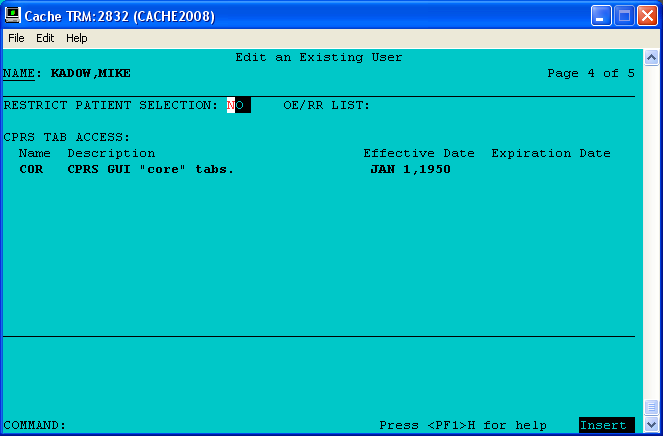
Add “EVE” and the Primary Menu Option and “IRM” as the Service/Selection. Allow down to the “Command” and select Next.



Arrow down to the “Command” and select Next.

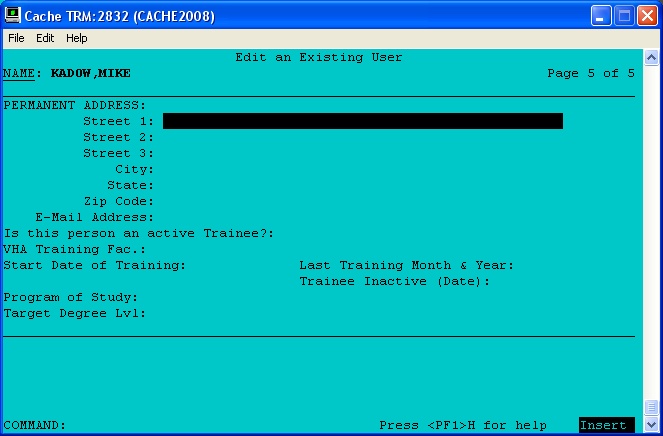


Arrow down to the “Command” and select Next.



Add “COR”

Allow down to the “Command” and select Next.



Allow down to the “Command” and select Save and Exit.

#### Caché 2008 Setting up CPRS User - continued

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| VAH>**D ^%G**    Device:  Right margin: 80 =>  Screen size for paging (0=nopaging)? 24 =>  Global **^VA(200,"B"**  ^VA(200,"B","ANRVAPPLICATION,PROXY USER",13)=  ^VA(200,"B","AUTHORIZER,IB MRA",8)=  ^VA(200,"B","CENTRAL,PAID",5)=  **^VA(200,"B","DOE,JOHN",16)=**  ^VA(200,"B","EDILOCKBOX,AUTOMATIC",6)=  ^VA(200,"B","INTERFACE,IB IIV",4)=  ^VA(200,"B","LRLAB,HL",10)=  ^VA(200,"B","LRLAB,POC",9)=  ^VA(200,"B","POSTMASTER",.5)=  ^VA(200,"B","PRCA,AUTOAUDIT",7)=  ^VA(200,"B","RADIOLOGY,OUTSIDE SERVICE",15)=  ^VA(200,"B","SHARED,MAIL",.6)=  ^VA(200,"B","TEST,USER ONE",3)=  ^VA(200,"B","TEST,USER THREE",11)=  ^VA(200,"B","TEST,USER TWO",2)=  ^VA(200,"B","VISTA,DBA",1)=  ^VA(200,"B","VPFS,APPLICATION PROXY",14)=  ^VA(200,"B","XOBVTESTER,APPLICATION PROXY",12)= |  |
| Find your number in the global above and perform this set:  S $P(^VA(200,x,0),U,4)="@"  Where “x” is your number.  This gives you programmer access. |  |

#### Caché 2008 Setting up CPRS User - continued

|  |  |
| --- | --- |
| **S DUZ=1** | Makes you a DBA user |
| **ZN “VAH”** |  |
| **D ^XUP** |  |

- The "D ^XUP" and "XUKEYMGMT" to give yourself keys:

XUPROG

XUPROGMODE

XUMGR

PROVIDER

ORES

OREMAS

- Use "D ^XUP" and select "EVE" to edit more of your

record as desired.

#### Caché 2008 How to work with VistA terminal window

|  |  |
| --- | --- |
| ZN “VAH” | Set Namespace to VAH |
| S DUZ=1 | (This will allow you rights since 1 is the DBA’s DUZ) |
| D ^XUP | (To enter a menu OPTION to run) |

#### Caché 2008 Installing Victory Programming Environment

|  |  |
| --- | --- |
| Go to website [www.hardhats.org](http://www.hardhats.org) |  |
| Under Programmer Tools you should find the Victory Programming Environment |  |
| Download the installation zip file |  |
| Unzip the installation zip file |  |
| Create a Terminal Window |  |
| Change Namespace to “VAH” |  |
| D ^%RI and import VPE\_12\_Rtns.MGR |  |
| D ^%RI and import VPE\_12\_Rtns.PRD |  |
| Override any objections |  |
| Use Caché as the environment choice |  |
| Use “ALL” entry to get all routines |  |
| Overwrite any existing routine |  |
| If asked about not being a "Manager Account" say "Yes" |  |

|  |  |
| --- | --- |
| D ^ZVEMBLD | Setup instructions |
| D ^VEEMINIT | Setup FileMan Files |

#### Caché 2008 To set up the account for KEA terminal use:

- In Config Mgr, make sure Advanced tab/Startup/Telnet

start is set to "Yes."

- Using Control Panel, choose Security/User accounts and

add the username you'd like (i.e., "PLATINUM" or

whatever), then don't set a password if you don't want one

(users can just press "Enter" and go on), and enter the

routine you want to run when they enter the username:

- ^XUP will do the usual thing (and then you can

enter "XUPROGMODE" as your desired option

to get directly to the programmer prompt

when you enter "PLATINUM").

- ^%PMODE does a "standard" thing

- Select the namespace you want users

# CASH\_HDR Installation

## Install the KID Build Kit.

|  |  |
| --- | --- |
| Obtain CASH\_HDR1\_0\_10i.kid from Perforce |  |
| Start a Terminal Window |  |
| **ZN “HDRHX”** |  |
| **S DUZ=1** |  |
| **D ^XUP** |  |
| Select OPTION NAME: **XPD MAIN** |  |
| Select Kernel Installation & Distribution System Option: **Installation** |  |
| 1 Load a Distribution  2 Verify Checksums in Transport Global  3 Print Transport Global  4 Compare Transport Global to Current System  5 Backup a Transport Global  6 Install Package(s)  Restart Install of Package(s)  Unload a Distribution    You have PENDING ALERTS  Enter "VA to jump to VIEW ALERTS option    Select Installation Option: **1** |  |
| Enter a Host File: **C:\CASH\_HDR1\_0\_10i.KID** |  |
| KIDS Distribution saved on May 19, 2009@17:45:01  Comment: FM To Cache SQL Mapping Tool - Version 1.0 Build 10h - HDR  This Distribution contains Transport Globals for the following Package(s):  FM TO CACHE SQL 1.0  Distribution OK!  Want to Continue with Load? YES// **YES** |  |
| FM TO CACHE SQL 1.0  Use INSTALL NAME: FM TO CACHE SQL 1.0 to install this Distribution.  Select Installation Option: ?  1 Load a Distribution  2 Verify Checksums in Transport Global  3 Print Transport Global  4 Compare Transport Global to Current System  5 Backup a Transport Global  6 Install Package(s)  Restart Install of Package(s)  Unload a Distribution  Select Installation Option: **6** Install Package(s) |  |
|  |  |
| Select INSTALL NAME: **FM TO CACHE SQL 1.0** |  |
| Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// **NO** |  |
| Want KIDS to INHIBIT LOGONs during the install? YES// **NO** |  |
| 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// |  |

# HIDU Installation

## Install the VISTA.HDSMAP Class

|  |  |
| --- | --- |
| Obtain VISTA.HDSMAP\_Release.050309.xml from Perforce |  |
| Using the SMP load VISTA.HDSMAP\_Release.050309.xml into the HDRHX namespace. Home 🡺 Classes 🡺 Import |  |

## Install the VISTA.HDSMAPCENTRAL Class.

|  |  |
| --- | --- |
| Obtain HDSMAPCentral\_071207.xml from Perforce |  |
| Using the SMP load HDSMAPCentral\_071207.xml nto the HDRHX namespace.  Home 🡺 Classes 🡺 Import |  |

## Run the CASH\_HDR Compile

At this point run the CASH\_HDR Compile:

**w ##class(CASH.HDR.Utility).VISTA()**

## Install various HDS Classes

From the Caché Studio, change namespace to “HDRHX” and Import the following XML Files obtained from Perforce.

|  |  |
| --- | --- |
| VISTA.HDSHXLAB.XML  (VISTA. HDS HX LAB .XML) |  |
| VISTA.HDSHDRHXLAB.XML  (VISTA. HDSHDR HX LAB .XML) |  |
| VISTA.HDSHDRHXLABSUB.XML  (VISTA. HDSHDR HX LAB SUB .XML) |  |
| VISTA.HDSHXVERSIONS.XML  (VISTA. HDS HX VERSIONS .XML) |  |
| VISTA.HDSHXPARAMSLAB.XML  (VISTA. HDS HX PARAMS LAB .XML) |  |
| VISTA.HDSHXLABNEXT.XML  (VISTA. HDS HX LAB NEXT .XML) |  |
| VISTA.HDSHXLABREPEAT.XML  (VISTA. HDS HX LAB REPEAT .XML) |  |
| VISTA.HDSHXRESTARTLAB.XML  (VISTA. HDS HX RESTART .XML) |  |
| VISTA.HDSHXSETLABPARAMS.XML  (VISTA. HDS HX SET LAB PARAMS .XML) |  |
| VISTA.HDSHXLABCONTROL.XML  (VISTA. HDS HX LAB CONTROL .XML) |  |

## Install various HDS Routines

From the Cache Terminal and in the “HDRHX” Namespace, for each of the following routines, obtain the file from Perforce and Load and Compile.

|  |  |
| --- | --- |
| VISTA.HDSHXLAB.RSA | D ^%RI    Input routines from Sequential  Device: C:\VISTA.HDSHXLAB.RSA  Parameters? ("RS") =>    File written by Cache for OpenVMS/ALPHA V7.x using %RO on 09 Jan 2007 2:11 PM  with extension MAC and with description:      ( 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  Generate backups? 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.      VISTA.HDSHXLAB.MAC^@    1 routine processed.  HDRHX> |
| VISTA.HDSHXSETLABPARAMS.RSA | D ^%RI    Input routines from Sequential  Device: C:\VISTA.HDSHXSETLABPARAMS.RSA  Parameters? ("RS") =>    File written by Cache for Windows NT using %RO on 19 Oct 2005 11:14 AM  with extension MAC and with description:      ( 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  Generate backups? 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.      VISTA.HDSHXSETLABPARAMS.MAC^@    1 routine processed.  HDRHX> |

## Important Note regarding HDS\* Tables

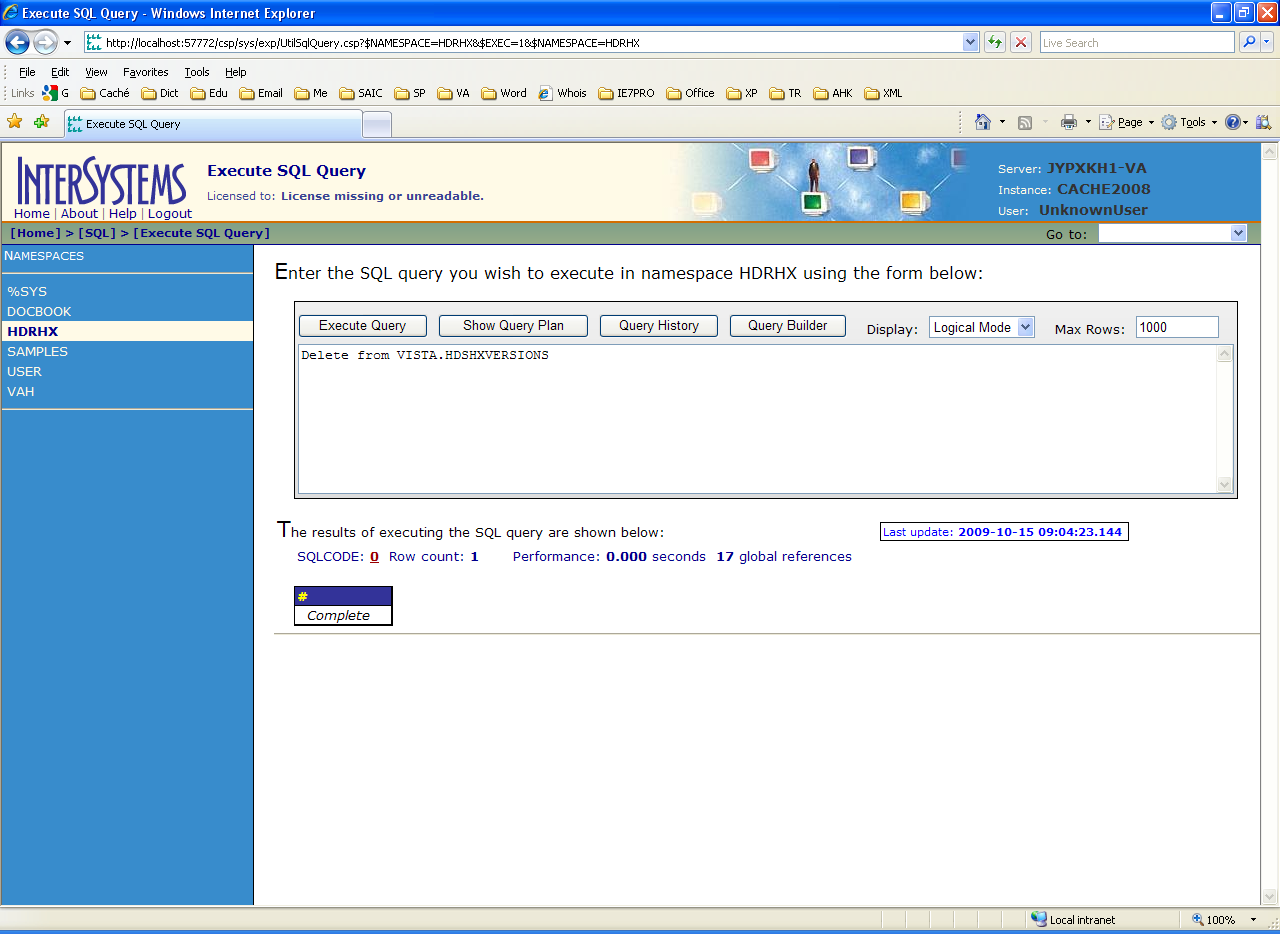
DO NOT issue any select statements except exactly as shown for any of the below tables. Issue only the “select XHolder” statements noted. Especially be sure not to issue a “SELECT \*” statement for the VISTA.HDSHXSETLABPARAMS table (use only the “select XHolder” statement shown)!

## VISTA.HDSHXVERSIONS Table

### Delete data from VISTA.HDSHXVERSIONS Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**DELETE FROM VISTA.HDSHXVERSIONS**

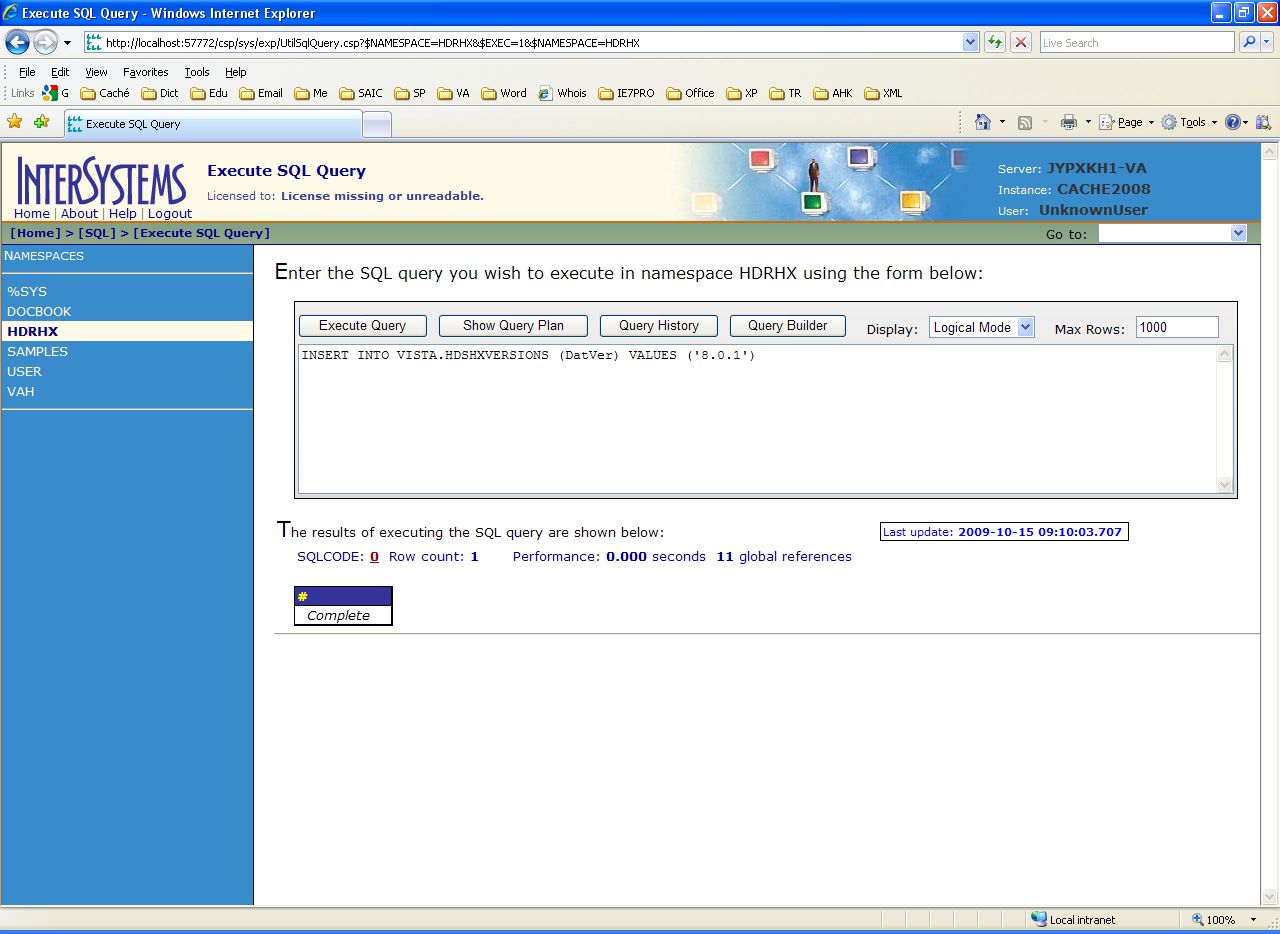


### Populate VISTA.HDSHXVERSIONS Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**INSERT INTO VISTA.HDSHXVERSIONS (DatVer) VALUES ('8.0.1')**

Substitute the actual version instead of ‘8.0.0’ string above, and note that you may have to re-type single quote marks if you paste in command strings from this document.)

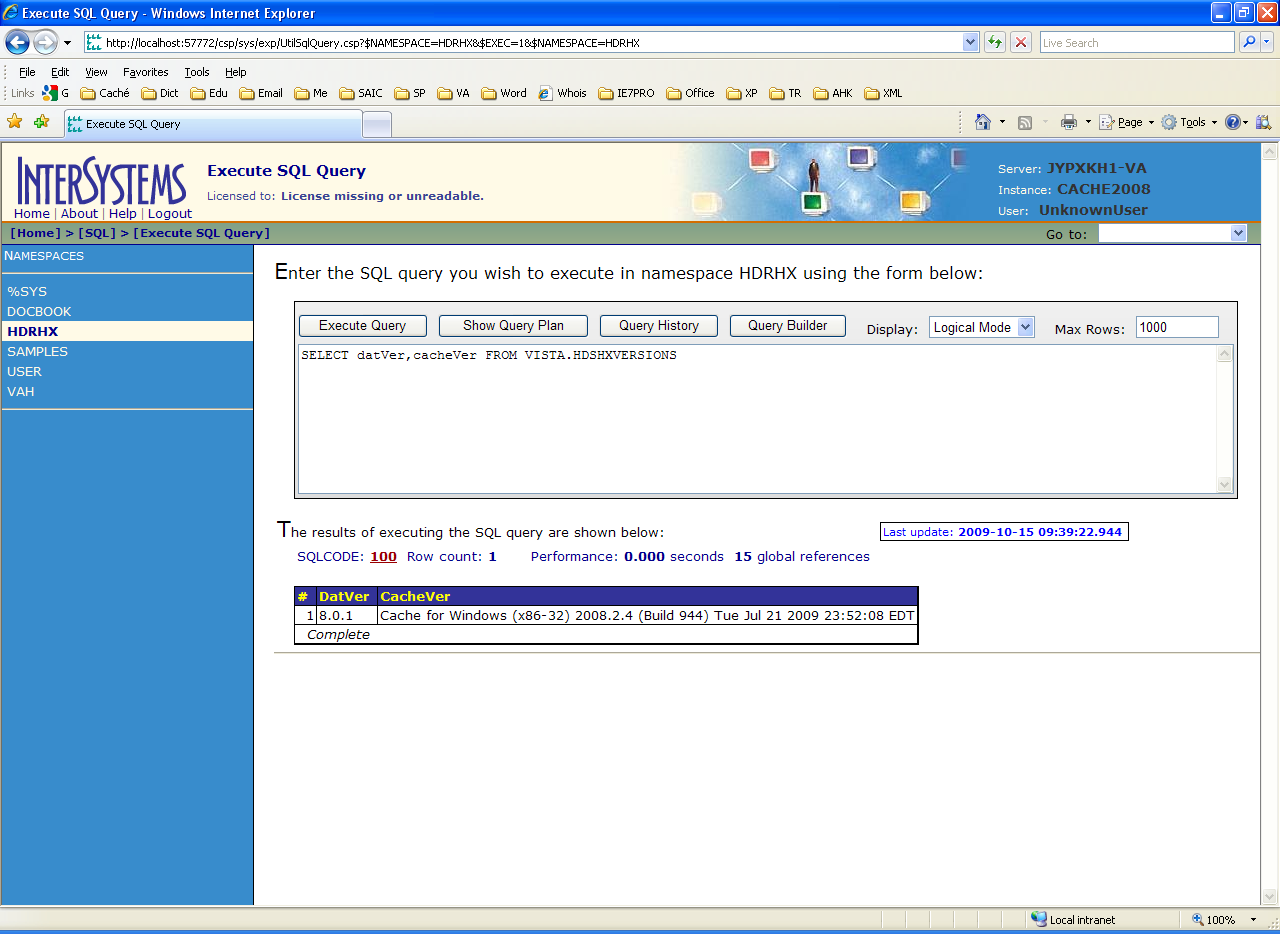


### Show VISTA.HDSHXVERSIONS Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**SELECT datVer,cacheVer FROM VISTA.HDSHXVERSIONS**

Ensure the table has only the one record in it with the expected value in the “DatVer” column, and that the “CacheVer” column returns the expected string.

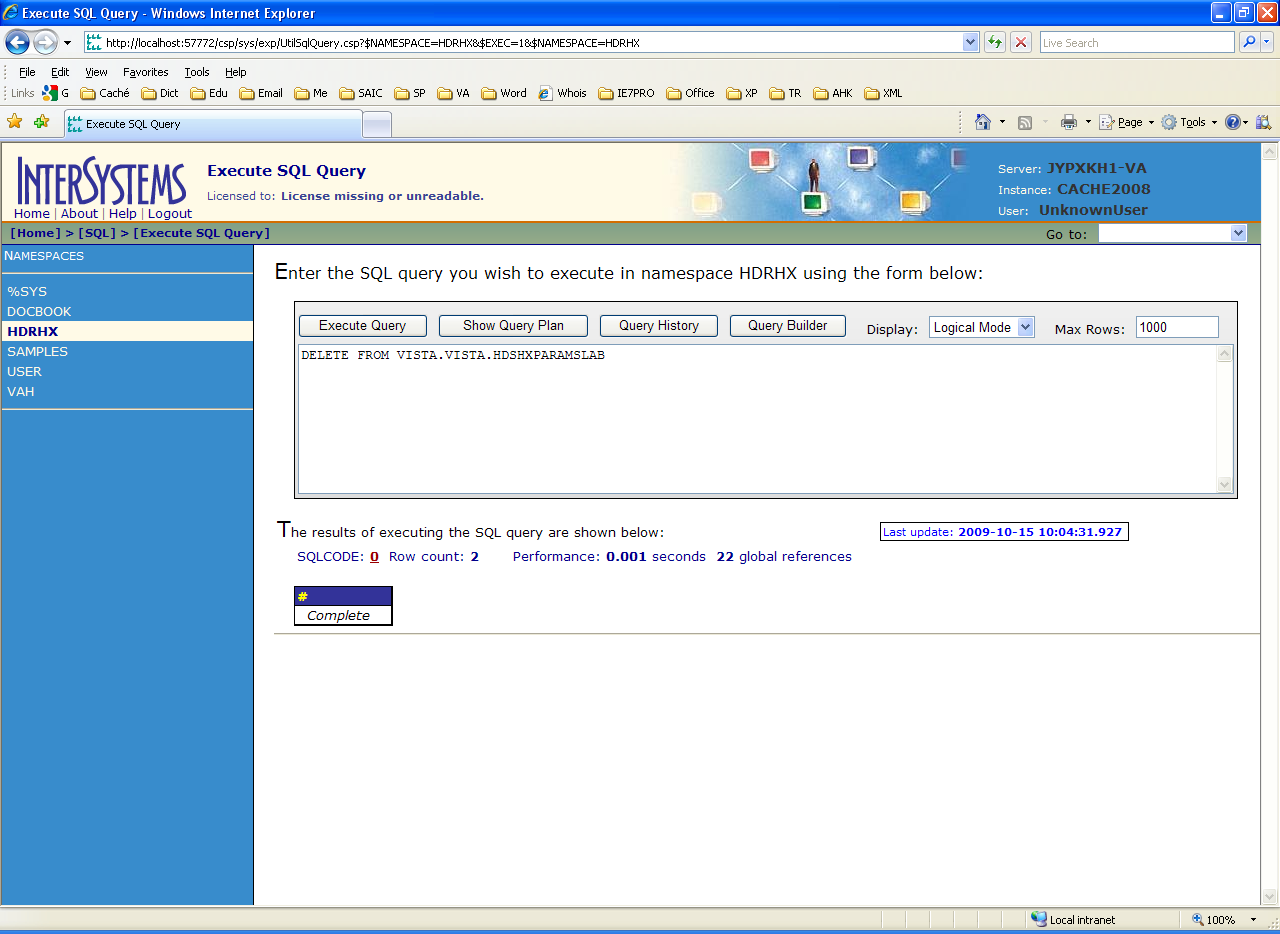


## VISTA.HDSHXPARAMSLAB Table

### Delete data from VISTA.HDSHXPARAMSLAB Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**DELETE FROM VISTA.HDSHXPARAMSLAB**



### Populate VISTA.HDSHXPARAMSLAB Table

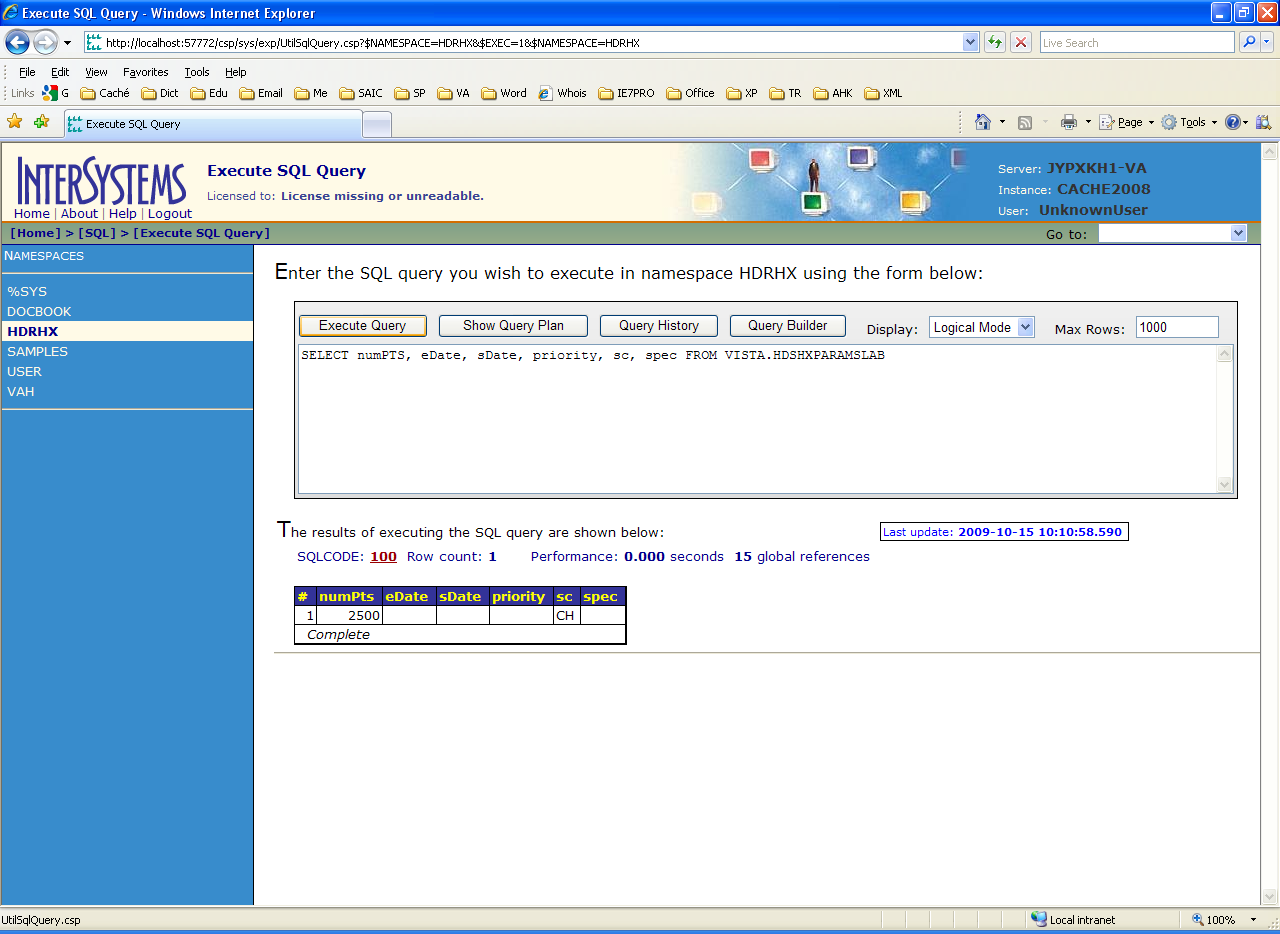
From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**INSERT INTO VISTA.HDSHXPARAMSLAB (numPts, sc) VALUES (2500, 'CH')**

### Show VISTA.HDSHXPARAMSLAB Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**SELECT numPTS, eDate, sDate, priority, sc, spec FROM VISTA.HDSHXPARAMSLAB**

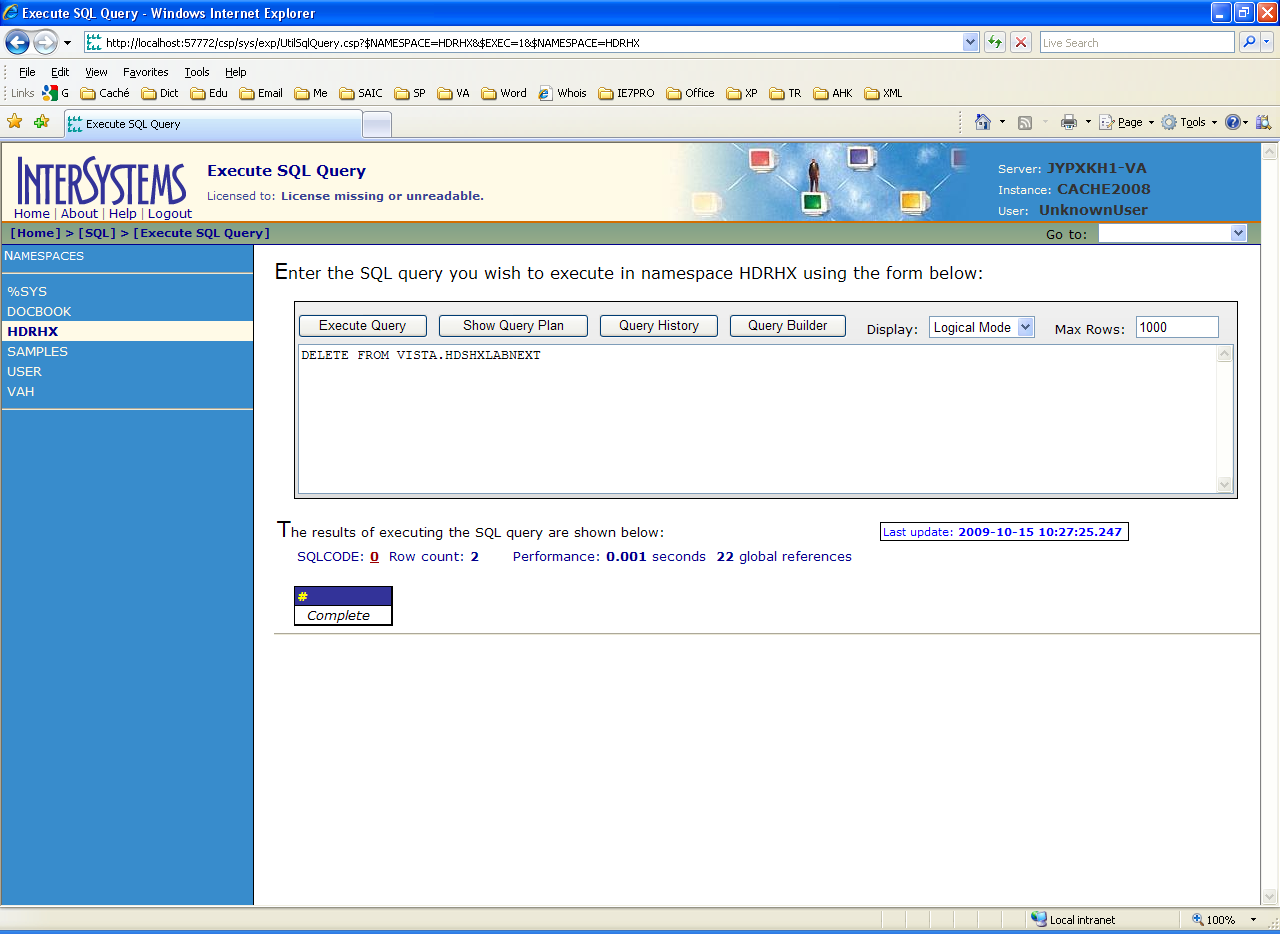


## VISTA.HDSHXLABNEXT Table

### Delete data from VISTA.HDSHXLABNEXT Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**DELETE FROM VISTA.HDSHXLABNEXT**



### Populate VISTA.HDSHXLABNEXT Table

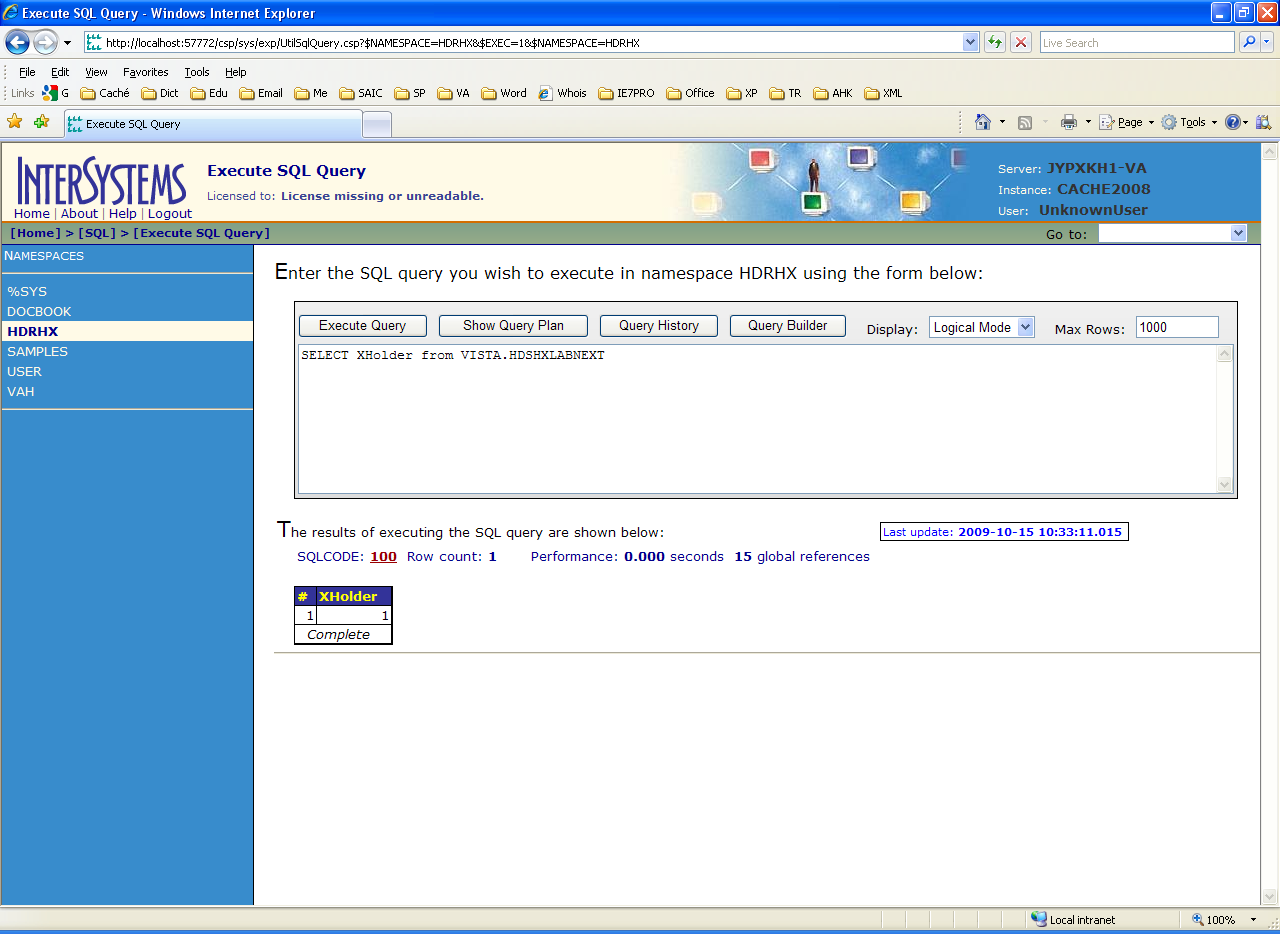
From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**INSERT into VISTA.HDSHXLABNEXT (XHolder) values (1)**

### Show VISTA.HDSHXLABNEXT Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**SELECT XHolder from VISTA.HDSHXLABNEXT**

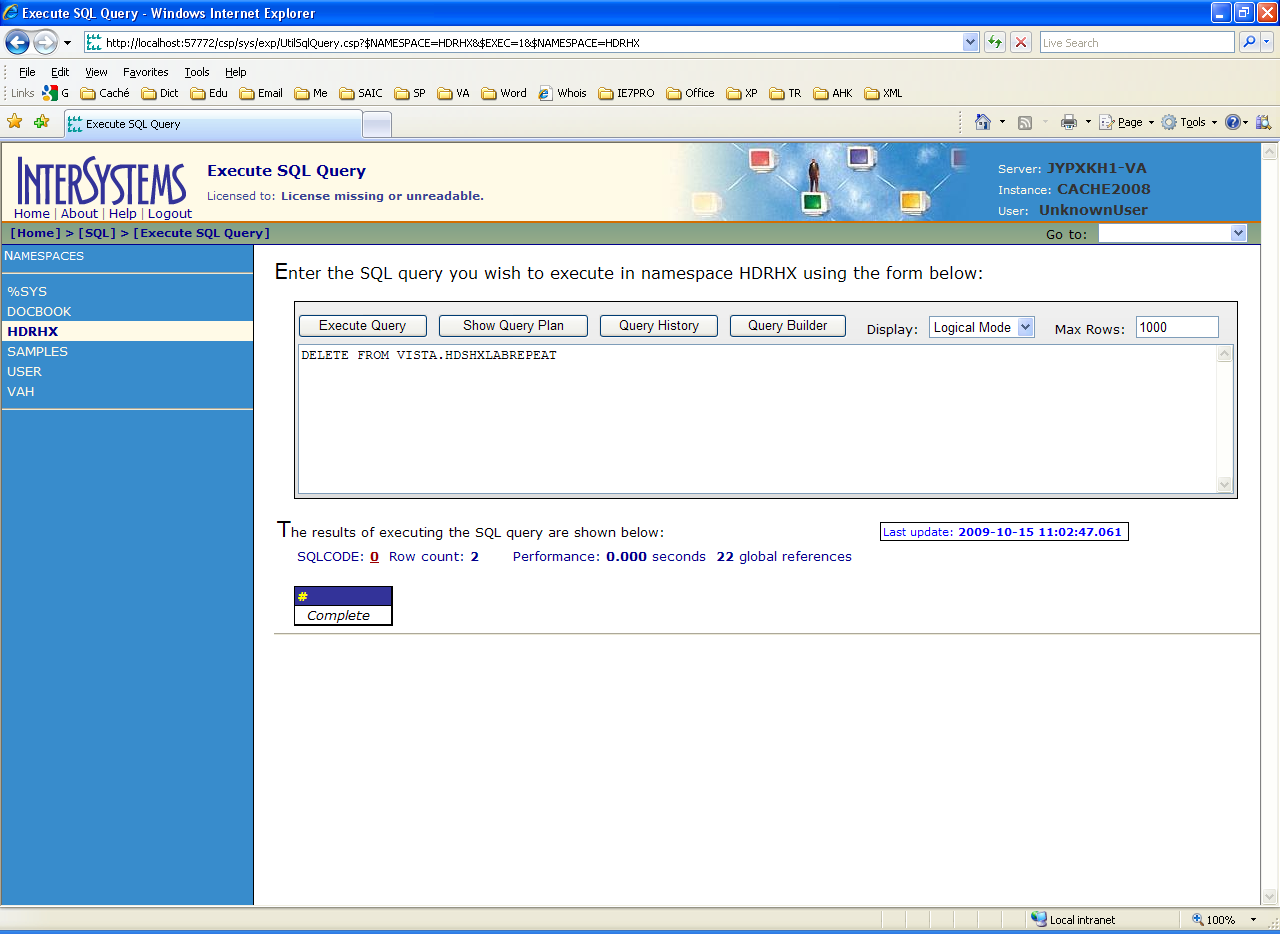


## VISTA.HDSHXLABREPEAT Table

### Delete data from VISTA.HDSHXLABREPEAT Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**DELETE FROM VISTA.HDSHXLABREPEAT**



### Populate VISTA.HDSHXLABREPEAT Table

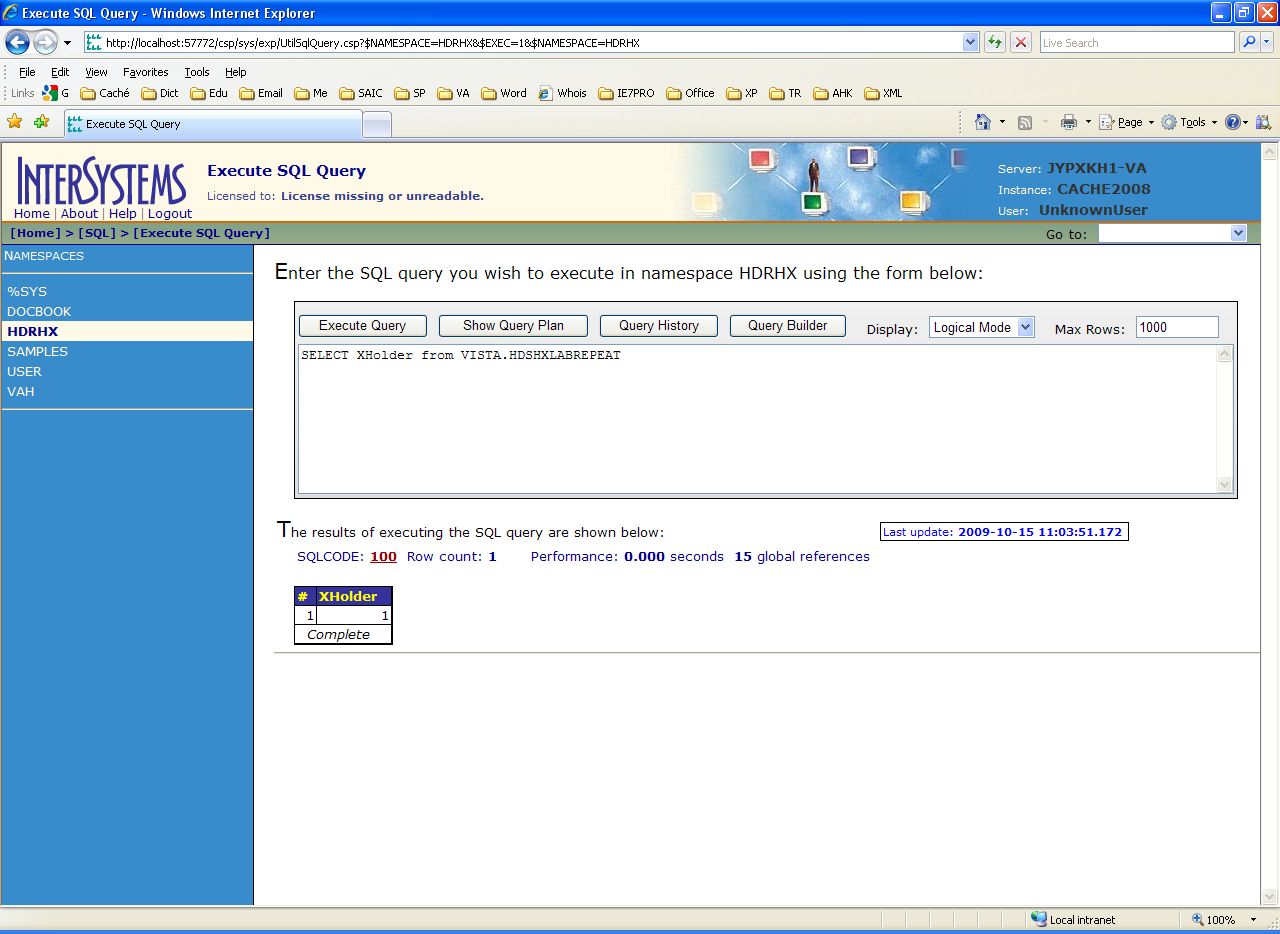
From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**INSERT into VISTA.HDSHXLABREPEAT (XHolder) values (1)**

### Show VISTA.HDSHXLABREPEAT Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**SELECT XHolder from VISTA.HDSHXLABREPEAT**

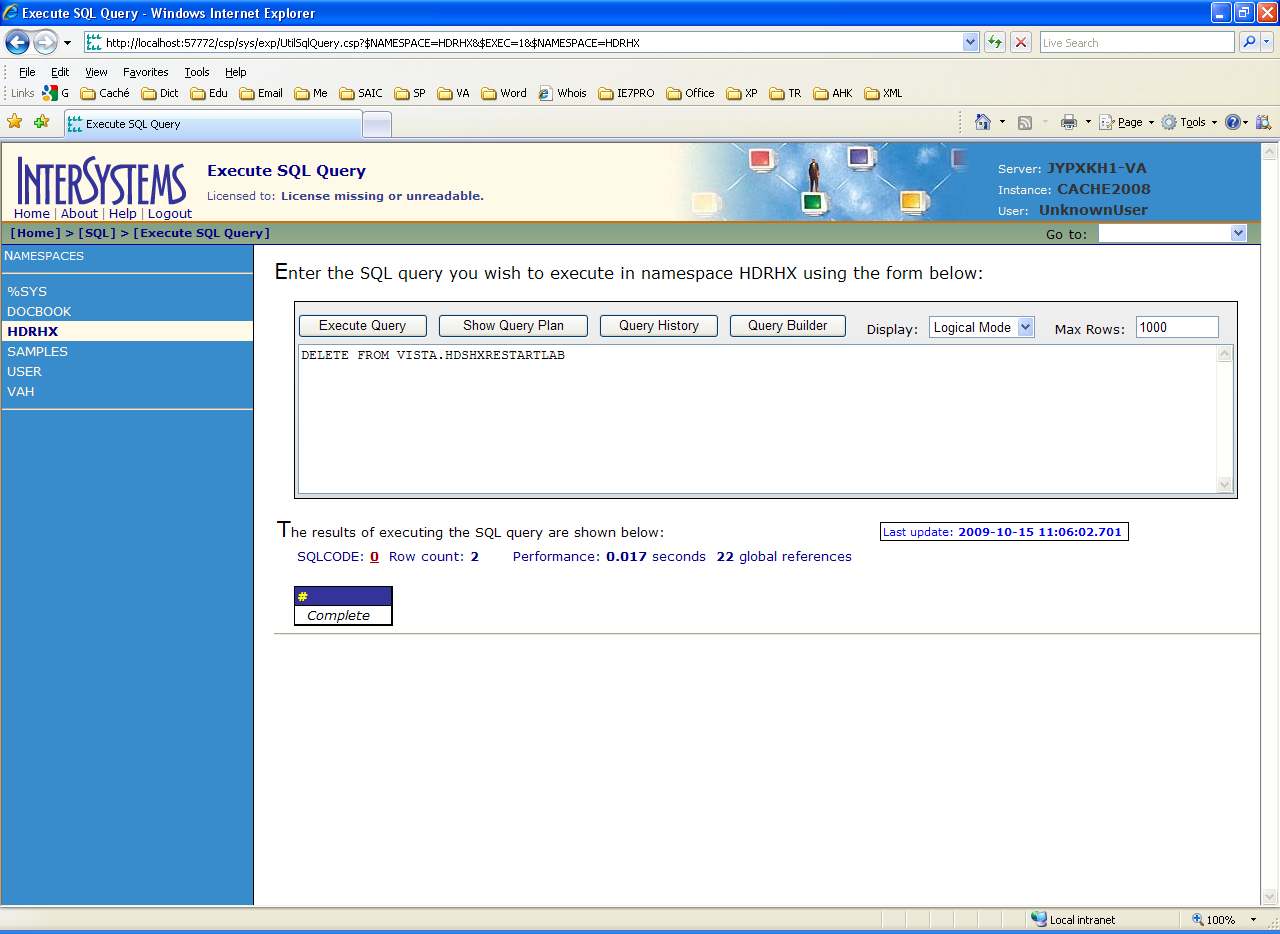


## VISTA.HDSHXRESTARTLAB Table

### Delete data from VISTA.HDSHXRESTARTLAB Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**DELETE FROM VISTA.HDSHXRESTARTLAB**



### Populate VISTA.HDSHXRESTARTLAB Table

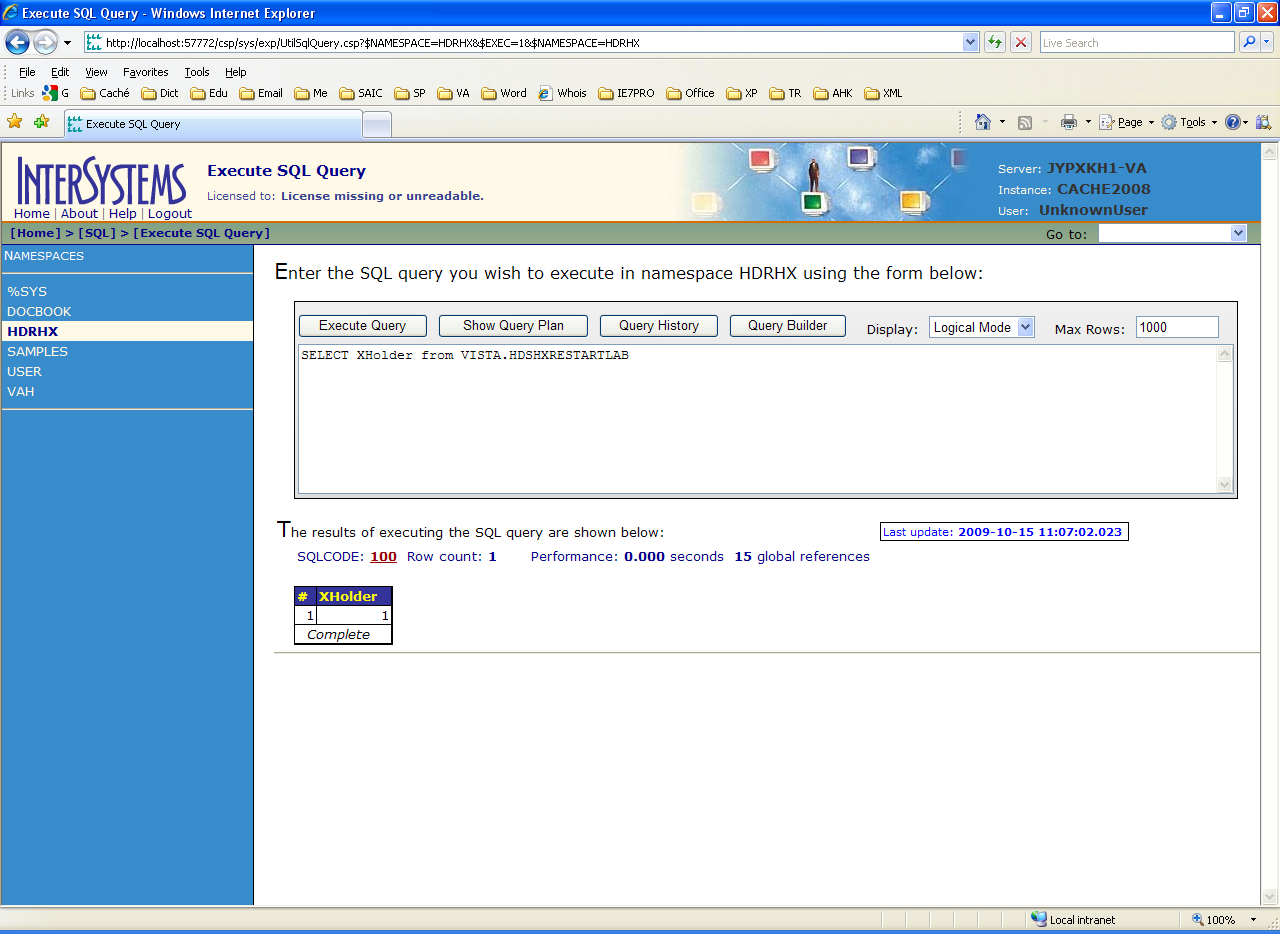
From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**INSERT into VISTA.HDSHXRESTARTLAB (XHolder) values (1)**

### Show VISTA.HDSHXRESTARTLAB Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**SELECT XHolder from VISTA.HDSHXRESTARTLAB**

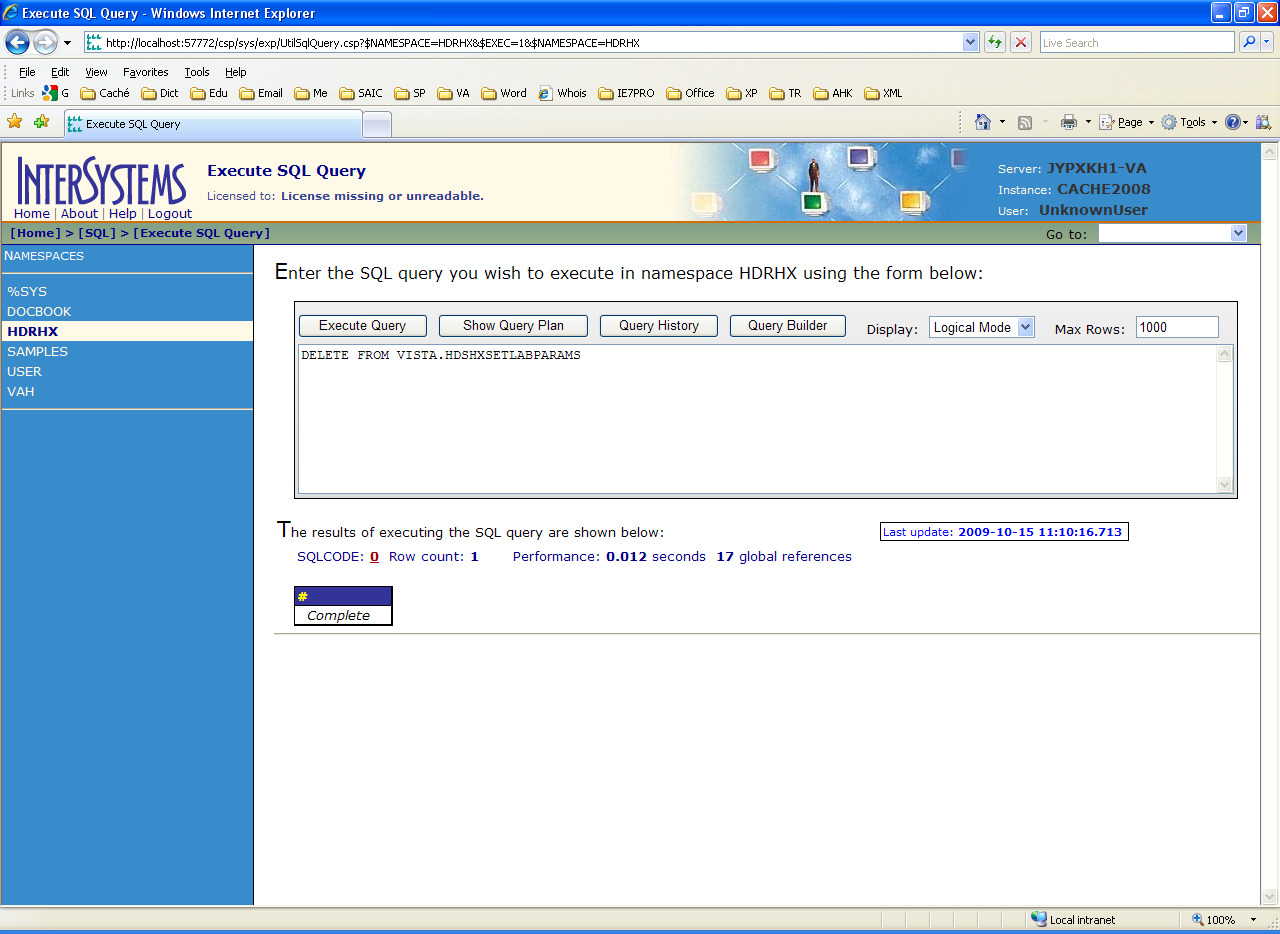


## VISTA.HDSHXSETLABPARAMS Table

### Delete data from VISTA.HDSHXSETLABPARAMS Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**DELETE FROM VISTA.HDSHXSETLABPARAMS**



### Populate VISTA.HDSHXSETLABPARAMS Table

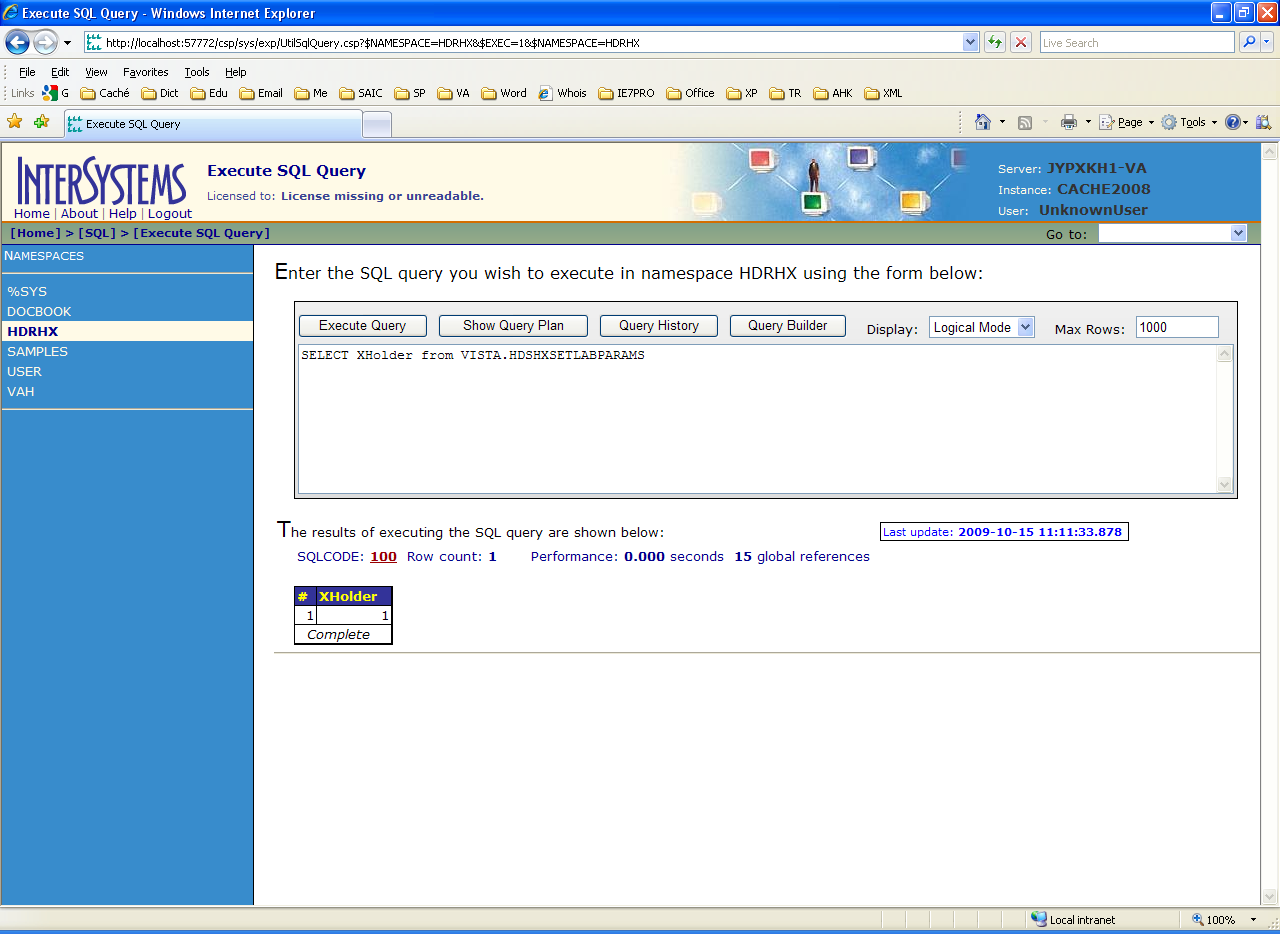
From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**INSERT into VISTA.HDSHXSETLABPARAMS (XHolder) values (1)**

### Show VISTA.HDSHXSETLABPARAMS Table

From the Caché Cube, System Management Portal ->Home ->SQL ->Execute SQL Query, execute the following: (ensure you are in the HDRHX namespace)

**SELECT XHolder from VISTA.HDSHXSETLABPARAMS**



* Check, and set as necessary, the database properties:
  + Minimum size is 1536
  + Maximum size is 1537
  + “Extend by” is 128
* Install the VISTA.HDSMAP\_Release.050309.xml and HDSMAPCentral\_071207.xml packages, using Studio.
  + Create Role/User, grant permissions, etc. Note that for permissions, you should first fix the HDSHDR Role permissions, and then after creating a User account and assigning it as a member of the Role, the permissions should match. However, in this process you need to select each schema in the SMP “permissions” screen to *MAKE SURE* that all tables (including the 2 CASH tables) and all SPs are actually assigned (CASH, CASH\_HDR, and VISTA).
  + A good test is to use the “Discovery” process of the Extractor, checking for errors in the output log to see if all the classes and their default queries are discovered and created.
  + Create a “DAT Release Notes” document for use by SQA.
  + Update the master list of versions: “DAT\_Versions\_Hx.txt” document in Perforce.
  + Create a “DAT Update” document for use by System Administrators.
  + Zip up the DAT and update document and submit into Perforce, then put them on the FTP site with appropriate name, etc.
  + Work with SQA, VHA Managers, HSTS to get release and implementation.

$D $SYSTEM.OBJ.CompileAll()

**System Administration ==> Security Management ==> Services**

%Service\_ECP enabled

**System Administration ==> Security Management ==> Security Definitions ==> Users**

# Caché Monitor