Clinical Reminders

ICD-10 Follow-up
Installation Guide

PXRM*2.0*47
GMTS*2.7*113

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Department of Veterans Affairs
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Product Development

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Introduction

Background

This patch is the follow-up to patch PXRM*2*26. It removes the options, protocols, routines, and taxonomy fields made obsolete by PXRM*2*26, adds the taxonomy editor actions that could not be completed in time for the release of PXRM*2*26, and fixes some defects.

Testing revealed that the ScreenMan variable DDSCHANG can sometimes falsely indicate that a taxonomy was changed by the user during an editing session. To create a reliable indicator, the SHA-256 hash is computed when a taxonomy is selected for editing and again when the editing session is finished. If there is any difference in the values, then the taxonomy has changed. The SHA-256 hash is computed using the Kernel SHA hash utility distributed in XU*8.0*657; consequently XU*8.0*657 is required by PXRM*2.0*47.

PXRM*2.0*47 and GMTS*2.7*113 are distributed in a multi-package build named: CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0.

Patches in this project build

PXRM*2.0*47

This build is the follow-up to PXRM*2.0*26. It deletes the Expanded Taxonomies file #811.3, removes the options, protocols, routines, and taxonomy fields made obsolete by PXRM*2.0*26, adds the taxonomy editor actions that could not be completed for the release of PXRM*2.0*26, and fixes some defects.

The following items are deleted:
PRINT TEMPLATES:
  PXRM TAXONOMY DIALOG FILE #811.2
  PXRM TAXONOMY INQUIRY   FILE #811.2
  PXRM TAXONOMY LIST   FILE #811.2
  PXRM TAXONOMY LIST HEADER   FILE #811.2

ROUTINES:
 PXRMBXTL
 PXRMCSD
 PXRMCSSC
 PXRMCSU
 PXRMTAXS
 PXRMTDUP
 PXRMTECK
 PXRMTEDT
 PXRMVAL
 PXRMVALC
 PXRMVALU

OPTIONS:
  PXRM TAX SELECTED CODES REPAIR
  PXRM TAXONOMY CODE SEARCH
  PXRM TAXONOMY COPY
  PXRM TAXONOMY EDIT
  PXRM TAXONOMY EXPANSION
  PXRM TAXONOMY EXPANSION ALL
  PXRM TAXONOMY EXPANSION VERIFY
  PXRM TAXONOMY INQUIRY
  PXRM TAXONOMY LIST
  PXRM TAXONOMY MANAGEMENT (OLD)

PROTOCOLS:
 PXRM DIALOG ADD
 PXRM LEXICON VIEW
 PXRM TAXONOMY OLD INQUIRE

The National Library of Medicine has a Value Set Authority Center (VSAC) web site, where value sets can be obtained. From the web site: "Value sets are lists of specific values (terms and their codes) derived from single or multiple standard vocabularies used to define clinical concepts (e.g. patients with diabetes, clinical visit, reportable diseases) used in quality measures and to support effective health information exchange." These value sets cover many clinical areas of relevance to the VA and because they are very similar to taxonomies, they can be used to automatically generate taxonomies. Some value sets contain coding systems that are not supported in taxonomies; if a taxonomy is generated from one of these value sets, only the codes from supported coding systems will be included.

The Value Set functionality requires three new files: NLM QUALITY MEASURE GROUPS, NLM VALUE SET CODING SYSTEMS, and NLM VALUE SETS. These files are populated with the VSAC's most recent release: January 2017. The following new options were created and added to the PXRM MANAGERS MENU.

    1   NLM CLINICAL QUALITY MEASURES   PXRM NLM CQM MENU   NLM Clinical Quality Measures Menu

    2   NLM VALUE SET MENU PXRM NLM VALUE SET MENU   NLM Value Set Menu

GMTS*2.7*113

One of the defects that is fixed involves display of the status line when the frequency is in hours. This change adds time to the Date Due and Last Done fields. Because there are a number of Clinical Reminders Health Summary components, a Health Summary patch is required, it is: GMTS*2.7*113.

Related Documentation

Documentation	Documentation File name
Installation Guide	PXRM_2_0_47_IG.PDF
Manager's Manual	PXRM_2_0_MM.PDF

NOTE: In this document, you will see references to both PXRM*2*47 and PXRM*2.0*47. The difference is that PXRM*2*47 is the name of the patch and PXRM*2.0*47 is the name of the build.

Related Web Sites

Site	URL	Description
National Clinical Reminders site	http://vista.med.va.gov/reminders	Contains manuals, PowerPoint presentations, and other information about Clinical Reminders
National Clinical Reminders Committee	http://vaww.portal.va.gov/sites/ncrcpublic/default.aspx	This committee directs the development of new and revised national reminders
VistA Document Library	http://www.va.gov/vdl/	Contains manuals for Clinical Reminders and related applications.
Health Information Management (HIM) ICD-10 Implementation	https://vaww.vha.vaco.portal.va.gov/sites/HDI/HIM/vaco_HIM/SitePages/Home.aspx	Contains general information, training resources, and other tools for VA's transition to ICD-10.

Pre-Installation

Previously, the computed finding VA-REMINDER DEFINITION would return false if the Computed Finding Parameter was set to a reminder definition that did not exist. The most likely reason for the definition not to exist is because it was renamed and the Computed Finding Parameter was not updated accordingly. Returning false was somewhat misleading because the reminder was never actually evaluated. To prevent this, the computed finding was changed so if the reminder definition does not exist it sets a fatal error and sends an error message to the Clinical Reminders mail group.

Before installing, it would be a good idea to run the Finding Usage Report and get a list of definitions and terms that use VA-REMINDER DEFINITION as a finding. For each instance, make sure that the Computed Finding Parameter is set to a valid reminder definition. This will prevent getting fatal errors because of incorrectly configured Computed Finding Parameters.

1. Required Software

PXRM*2.0*47

Package/Patch	Namespace	Version	Comments
Clinical Reminders PXRM*2*26	PXRM	2	Fully patched
Kernel XU*8.0*657	XU	8.0	Fully patched
VA FileMan	DI	22.2	Fully patched

GMTS*2.7*113

Package/Patch	Namespace	Version	Comments
Health Summary GMTS*2.7*89 PXRM*2.0*47	GMTS	2.7	

Installation

This section describes how to install the multi-package build that includes builds , PXRM*2.0*47 and GMTS*2.7*113.

This patch can be loaded with users on the system, but it should be done during off-hours. Estimated installation time is less than 5 minutes.

The installation needs to be done by a person with DUZ(0) set to "@."

1. Retrieve the host file containing the multi-package build.

Use sftp to access the build (the name of the host file is CR_ICD-10_FOLLOWUP .KID) from one of the following locations (with the ASCII file type):

Hines	REDACTED	REDACTED
Salt Lake City	REDACTED	REDACTED

2. Install the patch first in a training or test account.

Installing in a non-production environment will give you time to get familiar with new functionality.

3. Backout preparation; these steps are taken in case the patch needs to be backed out.

- Backup files ^PXD(811.2), ^PXRMD(811.4), and ^PXD(811.9) using your site's policy for backing up data.

- If the steps are unknown, here is a way it can be done, using ^PXD(811.2) as an example:

    o Go to a command prompt.

    o At the prompt, enter D GOGEN^%ZSPECIAL.

    o At the device prompt, enter the directory and file name where the global backup is to be stored.

    o At the Parameters? Prompt, press <enter>.

    o At the Global prompt, enter ^PXD(811.2.

    o Verify that the file was created and exists in the directory specified.

Example

```
DEV5A4:DVFDEV>D GOGEN^%ZSPECIAL

Device: VA5$:[Local Directory]811_2_BACKUP.GBL
Parameters? ("WNS") =>
Warning:  Use a "V" format to avoid problems with control characters.
Global ^PXD(811.2,
Global ^
```

4. Load the distribution.

In programmer mode, type, D ^XUP, select the Kernel Installation & Distribution System menu (XPD INSTALLATION MENU), and then the option LOAD a Distribution. Enter the directory name where you placed the host file followed by CR_ICD-10_FOLLOWUP.KID at the Host File prompt.

Example

```
Select Installation Option: LOAD a Distribution
```

```
Enter a Host File: VA5$:[DOWNLOADS]CR_ICD-10_FOLLOWUP.KID
KIDS Distribution saved on Apr 24, 2017@08:21:25
Comment: CLINICAL REMINDERS ICD-10 FOLLOWUP
```

From the Installation menu, you may elect to use the following options:

5. Backup a Transport Global

Use the KIDS Installation option, **Backup a Transport Global [XPD BACKUP]**. This option creates a MailMan message that will backup all current routines on your VistA/M system that will be replaced by the builds in this transport global. (If you need to preserve components that are not routines, you must back them up separately.)

At the **Select INSTALL NAME:** prompt, enter **Clinical Reminders ICD-10 Followup 1.0**

Example:
```
Select Installation <TEST ACCOUNT> Option:  Backup a Transport Global
Select INSTALL NAME: CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0 7/11/16@14:17:39
     => PXRM*2.0*47, GMTS*2.7*113  ;Created on Jul 05, 2016@11:14:

This Distribution was loaded on Apr 24, 2017@13:31:45with header of

CLINICAL REMINDERS ICD-10 FOLLOWUP  ;Created on Apr 24, 2017@08:21:25
   It consisted of the following Install(s):
CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0    PXRM*2.0*47   GMTS*2.7*113Subject:
Backup of CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0 install on Apr
  Replace
No routines for CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0

Loading Routines for PXRM*2.0*47..
Routine PXRMBXTL is not on the disk......
Routine PXRMCSD is not on the disk..
Routine PXRMCSSC is not on the disk...
Routine PXRMCSU is not on the disk...................................
Routine PXRMPTTX is not on the disk........
Routine PXRMTAXS is not on the disk..
Routine PXRMTDUP is not on the disk..
Routine PXRMTECK is not on the disk..
Routine PXRMTEDT is not on the disk...........
Routine PXRMVAL is not on the disk..
Routine PXRMVALC is not on the disk..
Routine PXRMVALU is not on the disk.........
Loading Routines for GMTS*2.7*113.
Send mail to: PXRMPROGRAMMER, ONE
Select basket to send to: IN// PATCH BACKUP
And Send to:
```

6. Compare Transport Global to Current System

This option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.).

7. Verify Checksums in Transport Global

This option will allow you to ensure the integrity of the routines that are in the transport global. If there are any discrepancies, do not run the Install Package(s) option. Instead, run the Unload a Distribution option to remove the Transport Global from your system. Retrieve the file again from the anonymous directory (in case there was corruption in SFTPing) and Load the Distribution again. If the problem still exists, log a ticket and/or call the national Help Desk (REDACTED) to report the problem.

Example

```
CHOOSE 1-2: 2  Option: 2  Verify Checksums in Transport Global
Select INSTALL NAME:
CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0    4/24/17@13:31:
45
     => CLINICAL REMINDERS ICD-10 FOLLOWUP  ;Created on Apr 24,
2017@08:21:25This Distribution was loaded on Apr 24, 2017@13:31:45 with header
of
   CLINICAL REMINDERS ICD-10 FOLLOWUP  ;Created on Apr 24, 2017@08:21:25
   It consisted of the following Install(s):
CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0    PXRM*2.0*47   GMTS*2.7*113
Want each Routine Listed with Checksums: Yes//
DEVICE: HOME// ;;999  TELNET PORT
```

8. Install the build

From the Installation menu on the Kernel Installation and Distribution System (KIDS) menu, run the option Install Package(s). Select the build CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0 and proceed with the install. If you have problems with the installation, log a Remedy ticket and/or call the National Help Desk to report the problem.

```
Select Installation & Distribution System Option: Installation
Select Installation Option: INSTALL PACKAGE(S)
Select INSTALL NAME: CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0
```

Answer the following install questions as follows:

- Although typically the answer is "No," you can answer "Yes," to the question:

```
Want KIDS to Rebuild Menu Trees Upon Completion of Install?
```

Please remember that rebuilding menu trees will increase patch installation time.

- Answer "No" to the question:

```
Want KIDS to INHIBIT LOGONs during the install?
```

- Answer "No" to the question:

```
Want to DISABLE Scheduled Options, Menu Options, and Protocols?
```

Post-Install Instructions

Post-install: After a successful installation, the init routine PXRMP47I can be deleted.

Acronyms

The OIT Master Glossary is available at http://vaww.oed.wss.va.gov/process/Lists/glossary/default.aspx

National Acronym Directory:

http://vaww1.va.gov/Acronyms/

Term	Definition
ASU	Authorization/Subscription Utility
Clin2	National Customer Support team that supports Clinical Reminders
CPRS	Computerized Patient Record System
DBA	Database Administration
DG	Registration and Enrollment Package namespace
ESM	Enterprise Systems Management (ESM)
FIM	Functional Independence Measure
GMPL	Problem List namespace
GMTS	Health Summary namespace (also HSUM)
GUI	Graphic User Interface
HRMH/HRMHP	High Risk Mental Health Patient
IAB	Initial Assessment & Briefing
ICD-10-CM	International Classification of Diseases, 10th Revision Clinical Modification
ICD-9-CM	International Classification of Diseases, Ninth Revision, Clinical Modification
ICR	Internal Control Number
IOC	Initial Operating Capabilities
LSSD	Last Service Separation Date
MH	Mental Health
OHI	Office of Health Information

Term	Definition
OI	Office of Information
OIT/OI&T	Office of Information Technology
OMHS	Office of Mental Health Services
ORR	Operational Readiness Review
PCS	Patient Care Services
PD	Product Development
PIMS	Patient Information Management System
PMAS	Program Management Accountability System
PTM	Patch Tracker Message
PXRM	Clinical Reminder Package namespace
RSD	Requirements Specification Document
SD	Scheduling Package Namespace
SG	Scheduling, Registration, Admission/Discharge/Transfer namespace
SME	Subject Matter Expert
SNOMED CT	Systematic Nomenclature of Medicine of Clinical Terms
SQA	Software Quality Assurance
VA	Department of Veteran Affairs
VHA	Veterans Health Administration
VISN	Veterans Integrated Service Network
VistA	Veterans Health Information System and Technology Architecture

Appendix A: Installation Example

This is a capture of a Clinical Reminders ICD-10 Followup installation that provides details of the install.

Example: First-time Install

```
Select INSTALL NAME:    CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0      Loaded
from Distribution    4/25/17@09:21:38
    => CLINICAL REMINDERS ICD-10 FOLLOWUP  ;Created on Apr 24, 2017@08:21:25

This Distribution was loaded on Apr 25, 2017@09:21:38 with header of
   CLINICAL REMINDERS ICD-10 FOLLOWUP  ;Created on Apr 24, 2017@08:21:25
   It consisted of the following Install(s):
CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0    PXRM*2.0*47   GMTS*2.7*113
Checking Install for Package CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0

Install Questions for CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0


Checking Install for Package PXRM*2.0*47

Install Questions for PXRM*2.0*47

Incoming Files:


   802.1     NLM VALUE SET CODING SYSTEMS


   802.2     NLM VALUE SETS


   802.3     NLM QUALITY MEASURE GROUPS


   811.2     REMINDER TAXONOMY
Note:  You already have the 'REMINDER TAXONOMY' File.


   811.4     REMINDER COMPUTED FINDINGS  (including data)
Note:  You already have the 'REMINDER COMPUTED FINDINGS' File.
I will OVERWRITE your data with mine.


   811.9     REMINDER DEFINITION  (Partial Definition)
Note:  You already have the 'REMINDER DEFINITION' File.

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//

Checking Install for Package GMTS*2.7*113

Install Questions for GMTS*2.7*113
```

```
Want KIDS to INHIBIT LOGONs during the install? NO//
Want to DISABLE Scheduled Options, Menu Options, and Protocols? 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//   TELNET
---------------------------------------------------------------------------
---

 Install Started for CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0 :
               Apr 25, 2017@09:22:59

Build Distribution Date: Apr 24, 2017

 Installing Routines:
               Apr 25, 2017@09:22:59

 Install Started for PXRM*2.0*47 :
               Apr 25, 2017@09:22:59

Build Distribution Date: Apr 24, 2017

 Installing Routines:
               Apr 25, 2017@09:23

 Running Pre-Install Routine: PRE^PXRMP47I

DISABLE options.

DISABLE protocols.
   Deleting the DATA DICTIONARY...
   Deleting the INPUT TEMPLATES...
   Deleting the PRINT TEMPLATES.......
   Deleting the SORT TEMPLATES...
   Deleting the FORMS...
   Deleting the BLOCKS...

 Installing Data Dictionaries:
               Apr 25, 2017@09:23:08

 Installing Data:
               Apr 25, 2017@09:23:08

 Installing PACKAGE COMPONENTS:

 Installing PRINT TEMPLATE

 Installing FORM

 Installing PROTOCOL
  Located in the PXRM (CLINICAL REMINDERS) namespace.
  Located in the PXRM (CLINICAL REMINDERS) namespace.
  Located in the PXRM (CLINICAL REMINDERS) namespace.
  Located in the PXRM (CLINICAL REMINDERS) namespace.
```

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  Located in the PXRM (CLINICAL REMINDERS) namespace.
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  Located in the PXRM (CLINICAL REMINDERS) namespace.
  Located in the PXRM (CLINICAL REMINDERS) namespace.

 Installing LIST TEMPLATE

 Installing OPTION
                Apr 25, 2017@09:23:08

 Running Post-Install Routine: POST^PXRMP47I

Removing obsolete field data
 Working on taxonomy GP IM PNEUMOC PCV13 PREVNAR
 Working on taxonomy GP IM PNEUMOC PPSV23 PNEUMOVAX
 Working on taxonomy HF LIPID LDL 120-129
 Working on taxonomy HF LIPID LDL 71-99
 Working on taxonomy HF LIPID LDL >190
 Working on taxonomy PALLI CONS DYSPNEA MILD (E)
 Working on taxonomy PALLI CONS DYSPNEA SEVERE (E)
 Working on taxonomy PALLI CONS INPT 99251 (E)
 Working on taxonomy PALLI CONS INPT 99252 (E)
 Working on taxonomy PALLI CONS INPT 99253 (E)
 Working on taxonomy PALLI CONS INPT 99254 (E)
 Working on taxonomy PALLI CONS INPT 99255 (E)
 Working on taxonomy PALLI CONS OUTPT 99241 (E)
 Working on taxonomy PALLI CONS OUTPT 99242 (E)
 Working on taxonomy PALLI CONS OUTPT 99243 (E)
 Working on taxonomy PALLI CONS OUTPT 99244 (E)
 Working on taxonomy PALLI CONS OUTPT 99245 (E)
 Working on taxonomy PALLI CONS OUTPT ENCOUNTER GP
 Working on taxonomy PALLI CONS PAIN NONE (E)
 Working on taxonomy PALLI CONS PAIN SEVERE (E)
 Working on taxonomy PALLI CONS PT PREFER DOC NO (E)
 Working on taxonomy PALLI CONS PT PREFER DOC YES (E)
 Working on taxonomy VA-ABD AORTIC ANEURYSM
 Working on taxonomy VA-ALCOHOL ABUSE
 Working on taxonomy VA-BREAST TUMOR
 Working on taxonomy VA-CERVICAL CA/ABNORMAL PAP
 Working on taxonomy VA-DEPRESSION DIAGNOSIS
 Working on taxonomy VA-DEPRESSION DX OUTPT VISIT
 Working on taxonomy VA-DIABETES
 Working on taxonomy VA-DIABETES HEDIS
```

```
Working on taxonomy VA-DIABETES HEDIS PROB LIST
Working on taxonomy VA-DRUG ABUSE FOR HCV TESTING
Working on taxonomy VA-EBOLA RISK TRIAGE DIAGNOSIS CODE
Working on taxonomy VA-ECOE DIAGNOSIS CODES
Working on taxonomy VA-HEPATITIS C INFECTION
Working on taxonomy VA-HEPATITIS C SEROPOSITIVE
Working on taxonomy VA-HERPES ZOSTER (SHINGLES) IMMUNIZATION
Working on taxonomy VA-HIV INFECTION
Working on taxonomy VA-HYPERTENSION
Working on taxonomy VA-HYPERTENSION CODES
Working on taxonomy VA-HYSTERECTOMY
Working on taxonomy VA-IHD AND ASVD
Working on taxonomy VA-IM FLU HIGH DOSE
Working on taxonomy VA-IMAGING FOR AAA (NON-SPECIFIC)
Working on taxonomy VA-IMMUNOCOMPROMISED
Working on taxonomy VA-MAMMOGRAM/SCREEN
Working on taxonomy VA-MASTECTOMY
Working on taxonomy VA-MHV BILATERAL AMPUTEE
Working on taxonomy VA-MHV COLONOSCOPY
Working on taxonomy VA-MHV DIABETIC RETINAL DISEASE
Working on taxonomy VA-MHV RETINAL EXAMINATION
Working on taxonomy VA-MHV SIGMOIDOSCOPY
Working on taxonomy VA-PALLI CONS CANCER/HEMA COND
Working on taxonomy VA-PALLI CONS CARDIO COND OTHER THAN CA
Working on taxonomy VA-PALLI CONS CNS COND OTHER THAN CA
Working on taxonomy VA-PALLI CONS DERM CONDITION DX
Working on taxonomy VA-PALLI CONS GI OTHER THAN CA
Working on taxonomy VA-PALLI CONS INFECTIOUS COND
Working on taxonomy VA-PALLI CONS RENAL OTHER THAN CA
Working on taxonomy VA-PALLI CONS RHEUM/VASC/THROMB
Working on taxonomy VA-PNEUMOC DZ RISK - CHEMOTHERAPY
Working on taxonomy VA-PNEUMOC DZ RISK - HIGH
Working on taxonomy VA-PNEUMOC DZ RISK - HIGHEST/NOT IMMUNO COMP
Working on taxonomy VA-PNEUMOC DZ RISK - IMMUNOCOMPROMISED
Working on taxonomy VA-PNEUMOC PCV13 IMMUNIZATION
Working on taxonomy VA-PNEUMOC PPSV23 IMMUNIZATION
Working on taxonomy VA-PSYCHOTHERAPY CPT CODES
Working on taxonomy VA-PTSD DIAGNOSIS
Working on taxonomy VA-PTSD DX OUTPT PRIMARY
Working on taxonomy VA-PTSD DX OUTPT VISIT
Working on taxonomy VA-SCHIZOPHRENIA
Working on taxonomy VA-TB/POSITIVE PPD
Working on taxonomy VA-TD VACCINE ADSORBED GENERIC (RD)
Working on taxonomy VA-TD VACCINE PRESERV FREE ADSORBED (RD)
Working on taxonomy VA-TDAP VACCINE (RD)
Working on taxonomy VA-TERATOGENIC MEDICATIONS ORDER CHECK EXCL (TAXONOMIES)
Working on taxonomy VA-TERMINAL CANCER PATIENTS
Working on taxonomy VA-TOBACCO USE
Working on taxonomy VA-WH BILATERAL MASTECTOMY
Working on taxonomy VA-WH HYSTERECTOMY W/CERVIX REMOVED
Working on taxonomy VA-WH PAP SMEAR OBTAINED
Working on taxonomy VA-WH PAP SMEAR SCREEN CODES
Working on taxonomy VA-WH TUBAL LIGATION CODES (TAXONOMY)
Working on taxonomy VA-WH TUBAL REANASTOMOSIS (TAXONOMY)
Working on taxonomy ZZVA-ALCOHOLISM SCREENING
Working on taxonomy ZZVA-CERVICAL CANCER SCREEN
Working on taxonomy ZZVA-CHOLESTEROL
```

```
 Working on taxonomy ZZVA-COLORECTAL CA
 Working on taxonomy ZZVA-COLORECTAL CANCER SCREEN
 Working on taxonomy ZZVA-EXERCISE COUNSELING
 Working on taxonomy ZZVA-FLEXISIGMOIDOSCOPY
 Working on taxonomy ZZVA-FOBT
 Working on taxonomy ZZVA-HIGH RISK FOR FLU/PNEUMONIA
 Working on taxonomy ZZVA-HIGH RISK FOR INFLUENZA
 Working on taxonomy ZZVA-HIGH RISK FOR TB
 Working on taxonomy ZZVA-HYPERTENSION SCREEN
 Working on taxonomy ZZVA-IM FLU H1N1 (1 DOSE)
 Working on taxonomy ZZVA-INFLUENZA IMMUNIZATION
 Working on taxonomy ZZVA-ISCHEMIC HEART 412 DISEASE
 Working on taxonomy ZZVA-ISCHEMIC HEART DISEASE
 Working on taxonomy ZZVA-MHV IHD AND ATHERSCLEROSIS
 Working on taxonomy ZZVA-NUTRITION
 Working on taxonomy ZZVA-OBESITY
 Working on taxonomy ZZVA-PNEUMOCOCCAL VACCINE
 Working on taxonomy ZZVA-POLYTRAUMA AMPUTATION
 Working on taxonomy ZZVA-POLYTRAUMA AUDITORY
 Working on taxonomy ZZVA-POLYTRAUMA BRAIN INJURY
 Working on taxonomy ZZVA-POLYTRAUMA BURN
 Working on taxonomy ZZVA-POLYTRAUMA INPT REHAB
 Working on taxonomy ZZVA-POLYTRAUMA ORTHO
 Working on taxonomy ZZVA-POLYTRAUMA PTSD
 Working on taxonomy ZZVA-POLYTRAUMA SCI
 Working on taxonomy ZZVA-POLYTRAUMA VISION
 Working on taxonomy ZZVA-POLYTRAUMA WAR INJURY
 Working on taxonomy ZZVA-PROSTATE CA
 Working on taxonomy ZZVA-PSA
 Working on taxonomy ZZVA-SAFETY COUNSELING
 Working on taxonomy ZZVA-TETANUS DIPHTHERIA
 Working on taxonomy ZZVA-WEIGHT AND NUTRITION SCREEN
 Working on taxonomy ZZVA-WH IUD INSERTION (TAXONOMY)
 Working on taxonomy ZZVA-WH IUD REMOVAL (TAXONOMY)

Building the Selected Codes multiple indexes.
 Taxonomy: GP IM PNEUMOC PCV13 PREVNAR; IEN=100
 Taxonomy: GP IM PNEUMOC PPSV23 PNEUMOVAX; IEN=71
 Taxonomy: HF LIPID LDL 120-129; IEN=101
 Taxonomy: HF LIPID LDL 71-99; IEN=99
 Taxonomy: HF LIPID LDL >190; IEN=98
 Taxonomy: PALLI CONS DYSPNEA MILD (E); IEN=95
 Taxonomy: PALLI CONS DYSPNEA SEVERE (E); IEN=94
 Taxonomy: PALLI CONS INPT 99251 (E); IEN=91
 Taxonomy: PALLI CONS INPT 99252 (E); IEN=90
 Taxonomy: PALLI CONS INPT 99253 (E); IEN=84
 Taxonomy: PALLI CONS INPT 99254 (E); IEN=83
 Taxonomy: PALLI CONS INPT 99255 (E); IEN=82
 Taxonomy: PALLI CONS OUTPT 99241 (E); IEN=78
 Taxonomy: PALLI CONS OUTPT 99242 (E); IEN=77
 Taxonomy: PALLI CONS OUTPT 99243 (E); IEN=74
 Taxonomy: PALLI CONS OUTPT 99244 (E); IEN=73
 Taxonomy: PALLI CONS OUTPT 99245 (E); IEN=72
 Taxonomy: PALLI CONS OUTPT ENCOUNTER GP; IEN=79
 Taxonomy: PALLI CONS PAIN NONE (E); IEN=97
 Taxonomy: PALLI CONS PAIN SEVERE (E); IEN=96
 Taxonomy: PALLI CONS PT PREFER DOC NO (E); IEN=92
```

```
Taxonomy: PALLI CONS PT PREFER DOC YES (E); IEN=93
Taxonomy: VA-ABD AORTIC ANEURYSM; IEN=13
Taxonomy: VA-ALCOHOL ABUSE; IEN=17
Taxonomy: VA-BREAST TUMOR; IEN=18
Taxonomy: VA-CERVICAL CA/ABNORMAL PAP; IEN=5
Taxonomy: VA-DEPRESSION DIAGNOSIS; IEN=49
Taxonomy: VA-DEPRESSION DX OUTPT VISIT; IEN=160
Taxonomy: VA-DIABETES; IEN=28
Taxonomy: VA-DIABETES HEDIS; IEN=317
Taxonomy: VA-DIABETES HEDIS PROB LIST; IEN=316
Taxonomy: VA-DRUG ABUSE FOR HCV TESTING; IEN=55
Taxonomy: VA-EBOLA RISK TRIAGE DIAGNOSIS CODE; IEN=153
Taxonomy: VA-ECOE DIAGNOSIS CODES; IEN=61
Taxonomy: VA-HEPATITIS C INFECTION; IEN=2
Taxonomy: VA-HEPATITIS C SEROPOSITIVE; IEN=152
Taxonomy: VA-HERPES ZOSTER (SHINGLES) IMMUNIZATION; IEN=159
Taxonomy: VA-HIV INFECTION; IEN=57
Taxonomy: VA-HYPERTENSION; IEN=1
Taxonomy: VA-HYPERTENSION CODES; IEN=46
Taxonomy: VA-HYSTERECTOMY; IEN=6
Taxonomy: VA-IHD AND ASVD; IEN=315
Taxonomy: VA-IM FLU HIGH DOSE; IEN=243
Taxonomy: VA-IMAGING FOR AAA (NON-SPECIFIC); IEN=12
Taxonomy: VA-IMMUNOCOMPROMISED; IEN=156
Taxonomy: VA-MAMMOGRAM/SCREEN; IEN=16
Taxonomy: VA-MASTECTOMY; IEN=19
Taxonomy: VA-MHV BILATERAL AMPUTEE; IEN=87
Taxonomy: VA-MHV COLONOSCOPY; IEN=85
Taxonomy: VA-MHV DIABETIC RETINAL DISEASE; IEN=88
Taxonomy: VA-MHV RETINAL EXAMINATION; IEN=89
Taxonomy: VA-MHV SIGMOIDOSCOPY; IEN=86
Taxonomy: VA-PALLI CONS CANCER/HEMA COND; IEN=70
Taxonomy: VA-PALLI CONS CARDIO COND OTHER THAN CA; IEN=68
Taxonomy: VA-PALLI CONS CNS COND OTHER THAN CA; IEN=69
Taxonomy: VA-PALLI CONS DERM CONDITION DX; IEN=65
Taxonomy: VA-PALLI CONS GI OTHER THAN CA; IEN=67
Taxonomy: VA-PALLI CONS INFECTIOUS COND; IEN=63
Taxonomy: VA-PALLI CONS RENAL OTHER THAN CA; IEN=66
Taxonomy: VA-PALLI CONS RHEUM/VASC/THROMB; IEN=64
Taxonomy: VA-PNEUMOC DZ RISK - CHEMOTHERAPY; IEN=80
Taxonomy: VA-PNEUMOC DZ RISK - HIGH; IEN=3
Taxonomy: VA-PNEUMOC DZ RISK - HIGHEST/NOT IMMUNO COMP; IEN=344
Taxonomy: VA-PNEUMOC DZ RISK - IMMUNOCOMPROMISED; IEN=81
Taxonomy: VA-PNEUMOC PCV13 IMMUNIZATION; IEN=149
Taxonomy: VA-PNEUMOC PPSV23 IMMUNIZATION; IEN=103
Taxonomy: VA-PSYCHOTHERAPY CPT CODES; IEN=50
Taxonomy: VA-PTSD DIAGNOSIS; IEN=161
Taxonomy: VA-PTSD DX OUTPT PRIMARY; IEN=37
Taxonomy: VA-PTSD DX OUTPT VISIT; IEN=176
Taxonomy: VA-SCHIZOPHRENIA; IEN=52
Taxonomy: VA-TB/POSITIVE PPD; IEN=10
Taxonomy: VA-TD VACCINE ADSORBED GENERIC (RD); IEN=157
Taxonomy: VA-TD VACCINE PRESERV FREE ADSORBED (RD); IEN=60
Taxonomy: VA-TDAP VACCINE (RD); IEN=102
Taxonomy: VA-TERATOGENIC MEDICATIONS ORDER CHECK EXCL (TAXONOMIES); IEN=108
Taxonomy: VA-TERMINAL CANCER PATIENTS; IEN=56
Taxonomy: VA-TOBACCO USE; IEN=22
```

```
 Taxonomy: VA-WH BILATERAL MASTECTOMY; IEN=62
 Taxonomy: VA-WH HYSTERECTOMY W/CERVIX REMOVED; IEN=58
 Taxonomy: VA-WH PAP SMEAR OBTAINED; IEN=48
 Taxonomy: VA-WH PAP SMEAR SCREEN CODES; IEN=59
 Taxonomy: VA-WH TUBAL LIGATION CODES (TAXONOMY); IEN=75
 Taxonomy: VA-WH TUBAL REANASTOMOSIS (TAXONOMY); IEN=76
 Taxonomy: ZZVA-ALCOHOLISM SCREENING; IEN=34
 Taxonomy: ZZVA-CERVICAL CANCER SCREEN; IEN=30
 Taxonomy: ZZVA-CHOLESTEROL; IEN=24
 Taxonomy: ZZVA-COLORECTAL CA; IEN=4
 Taxonomy: ZZVA-COLORECTAL CANCER SCREEN; IEN=31
 Taxonomy: ZZVA-EXERCISE COUNSELING; IEN=32
 Taxonomy: ZZVA-FLEXISIGMOIDOSCOPY; IEN=15
 Taxonomy: ZZVA-FOBT; IEN=27
 Taxonomy: ZZVA-HIGH RISK FOR FLU/PNEUMONIA; IEN=9
 Taxonomy: ZZVA-HIGH RISK FOR INFLUENZA; IEN=7
 Taxonomy: ZZVA-HIGH RISK FOR TB; IEN=11
 Taxonomy: ZZVA-HYPERTENSION SCREEN; IEN=23
 Taxonomy: ZZVA-IM FLU H1N1 (1 DOSE); IEN=227
 Taxonomy: ZZVA-INFLUENZA IMMUNIZATION; IEN=33
 Taxonomy: ZZVA-ISCHEMIC HEART 412 DISEASE; IEN=44
 Taxonomy: ZZVA-ISCHEMIC HEART DISEASE; IEN=14
 Taxonomy: ZZVA-MHV IHD AND ATHERSCLEROSIS; IEN=40
 Taxonomy: ZZVA-NUTRITION; IEN=21
 Taxonomy: ZZVA-OBESITY; IEN=20
 Taxonomy: ZZVA-PNEUMOCOCCAL VACCINE; IEN=25
 Taxonomy: ZZVA-POLYTRAUMA AMPUTATION; IEN=54
 Taxonomy: ZZVA-POLYTRAUMA AUDITORY; IEN=53
 Taxonomy: ZZVA-POLYTRAUMA BRAIN INJURY; IEN=51
 Taxonomy: ZZVA-POLYTRAUMA BURN; IEN=47
 Taxonomy: ZZVA-POLYTRAUMA INPT REHAB; IEN=45
 Taxonomy: ZZVA-POLYTRAUMA ORTHO; IEN=43
 Taxonomy: ZZVA-POLYTRAUMA PTSD; IEN=42
 Taxonomy: ZZVA-POLYTRAUMA SCI; IEN=41
 Taxonomy: ZZVA-POLYTRAUMA VISION; IEN=39
 Taxonomy: ZZVA-POLYTRAUMA WAR INJURY; IEN=38
 Taxonomy: ZZVA-PROSTATE CA; IEN=8
 Taxonomy: ZZVA-PSA; IEN=26
 Taxonomy: ZZVA-SAFETY COUNSELING; IEN=35
 Taxonomy: ZZVA-TETANUS DIPHTHERIA; IEN=29
 Taxonomy: ZZVA-WEIGHT AND NUTRITION SCREEN; IEN=36
 Taxonomy: ZZVA-WH IUD INSERTION (TAXONOMY); IEN=109
 Taxonomy: ZZVA-WH IUD REMOVAL (TAXONOMY); IEN=110

Installing Value Set data.

Making sure all DO IN ADVANCE TIME FRAMEs are uppercase.

Making sure all reminder frequencies are uppercase.

Found lower case baseline frequency:
 IEN=128 IND=2 Frequency=0y
 Changing it to upper case.

ENABLE options.

ENABLE protocols.
```

```
 Updating Routine file...

 Updating KIDS files...

 PXRM*2.0*47 Installed.
               Apr 25, 2017@09:23:40

 Not a production UCI

 NO Install Message sent

 Install Started for GMTS*2.7*113 :
               Apr 25, 2017@09:23:40

Build Distribution Date: Apr 24, 2017

 Installing Routines:
               Apr 25, 2017@09:23:40

 Updating Routine file...

 Updating KIDS files...

 GMTS*2.7*113 Installed.
               Apr 25, 2017@09:23:40

 Not a production UCI

 NO Install Message sent

 Updating Routine file...

 Updating KIDS files...

 CLINICAL REMINDERS ICD-10 FOLLOWUP 1.0 Installed.
               Apr 25, 2017@09:23:40

 No link to PACKAGE file


Install Completed
```

Appendix B: Post-Install Checksums

Installation Checksums: PXRM Routines

```
CPRS285A4:CPRS30>D CHECK1^XTSUMBLD


New CheckSum CHECK1^XTSUMBLD:


This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:

1. Any comment line with a single semi-colon is presumed to be
   followed by comments and only the line tag will be included.

2. Line 2 will be excluded from the count.

3. The total value of the routine is determined (excluding
   exceptions noted above) by multiplying the ASCII value of each
   character by its position on the line and position of the line in
   the routine being checked.

     Select one of the following:


          P         Package
          B         Build


Build from: Build


This will check the routines from a BUILD file.
Select BUILD NAME: PXRM*2.0*47        CLINICAL REMINDERS
PXRM      value = 47307370
PXRMASL   value = 4451968
PXRMCDEF  value = 4852404
PXRMCOND  value = 44611363
PXRMCQIN  value = 24112852
PXRMCQLM  value = 20001822
PXRMCSTX  value = 2714904
PXRMDATE  value = 72754452
PXRMDBLD  value = 54628364
PXRMDEV   value = 53641052
PXRMDIEV  value = 75240155
PXRMDLL   value = 147254046
PXRMDLLB  value = 36248685
PXRMDRUG  value = 62235689
PXRMDTAX  value = 198889216
PXRMERRH  value = 21386013
PXRMETXR  value = 76063275
PXRMEXCC  value = 14643642
PXRMEXCO  value = 26994015
PXRMEXCS  value = 16682539
PXRMEXFI  value = 59766502
PXRMEXIC  value = 87332423
PXRMEXIU  value = 86717543
PXRMEXLM  value = 51322537
PXRMEXMH  value = 10558717
PXRMEXU0  value = 29114606
PXRMEXWB  value = 1606210
PXRMFF    value = 75070206
PXRMFF0   value = 19175056
```

```
PXRMFIND   value = 14402705
PXRMFMTO   value = 10636061
PXRMFNFT   value = 58123785
PXRMHVET   value = 1748161
PXRMICHK   value = 238423274
PXRMLDR    value = 18348692
PXRMLEX    value = 8264453
PXRMLEXL   value = 190120643
PXRMLOCF   value = 97441474
PXRMLOCL   value = 28870554
PXRMLOG    value = 66402903
PXRMMSG    value = 5151324
PXRMORCH   value = 53534150
PXRMOUTC   value = 38936387
PXRMOUTD   value = 15041011
PXRMOUTM   value = 29787683
PXRMOUTU   value = 18283584
PXRMP47I   value = 30350491
PXRMPDEM   value = 65842415
PXRMPDR    value = 52184470
PXRMPDRP   value = 100715785
PXRMPRF    value = 15497099
PXRMRCUR   value = 13247111
PXRMREDF   value = 84791298
PXRMREDT   value = 70476581
PXRMRPCA   value = 57506116
PXRMRUL1   value = 49947013
PXRMSXRM   value = 98450970
PXRMTAXD   value = 79799584
PXRMTAXL   value = 80891432
PXRMTERM   value = 55250159
PXRMTEXT   value = 44027439
PXRMTXCR   value = 23196731
PXRMTXDL   value = 1372560
PXRMTXIM   value = 196801557
PXRMTXIN   value = 62837955
PXRMTXLS   value = 150968479
PXRMTXSM   value = 56360268
PXRMUIDE   value = 17671178
PXRMUTIL   value = 164856611
PXRMVCPT   value = 52602127
PXRMVPOV   value = 51972823
PXRMVSCS   value = 6081007
PXRMVSIN   value = 48824341
PXRMVSLM   value = 26634140
PXRMVSTX   value = 61497746
PXRMXEVL   value = 1513078
PXRMXSE1   value = 30585167
done
```

Installation Checksums: GMTS Routines

```
CPRS285A4:CPRS30>D CHECK1^XTSUMBLD


New CheckSum CHECK1^XTSUMBLD:


This option determines the current checksum of selected routine(s).
The Checksum of the routine is determined as follows:

1. Any comment line with a single semi-colon is presumed to be
   followed by comments and only the line tag will be included.

2. Line 2 will be excluded from the count.

3. The total value of the routine is determined (excluding
   exceptions noted above) by multiplying the ASCII value of each
   character by its position on the line and position of the line in
   the routine being checked.

     Select one of the following:


          P          Package
          B          Build

Build from: Build

This will check the routines from a BUILD file.
Select BUILD NAME: GMTS*2.7*113          HEALTH SUMMARY
GMTSPXHR  value = 21877798
done
```

Appendix C: Install File Print Example

Use the KIDS Install File Print option to print out the results of the installation process. You can select the multi-package build or any of the individual builds included in the multi-package build.

```
Select OPTION NAME:    XPD PRINT INSTALL FILE     Install File Print
Install File Print

Select INSTALL NAME: PXRM*2.0*47        Install Completed     4/25/17@09:23:40
     => CLINICAL REMINDERS ICD-10 FOLLOWUP  ;Created on Apr 24, 2017@08:21:25
DEVICE: HOME// ;;999  TELNET

PACKAGE: PXRM*2.0*47     Apr 25, 2017 9:40 am                        PAGE 1
                                               COMPLETED          ELAPSED
-----------------------------------------------------------------------------
STATUS: Install Completed              DATE LOADED: APR 25, 2017@09:21:38
INSTALLED BY: TESTMASTER,USER
NATIONAL PACKAGE: CLINICAL REMINDERS

INSTALL STARTED: APR 25, 2017@09:22:59        09:23:40            0:00:41

ROUTINES:                                     09:23               0:00:01

PRE-INIT CHECK POINTS:
XPD PREINSTALL STARTED                        09:23:07            0:00:07
XPD PREINSTALL COMPLETED                      09:23:07

FILES:
NLM VALUE SET CODING SYSTEMS                  09:23:07
NLM VALUE SETS                                09:23:07
NLM QUALITY MEASURE GROUPS                    09:23:08            0:00:01
REMINDER TAXONOMY                             09:23:08
REMINDER COMPUTED FINDINGS                    09:23:08
REMINDER DEFINITION                           09:23:08

PRINT TEMPLATE                                09:23:08
FORM                                          09:23:08
PROTOCOL                                      09:23:08
LIST TEMPLATE                                 09:23:08
OPTION                                        09:23:08

POST-INIT CHECK POINTS:
XPD POSTINSTALL STARTED                       09:23:40            0:00:32
XPD POSTINSTALL COMPLETED                     09:23:40

INSTALL QUESTION PROMPT                                           ANSWER

XPO1   Want KIDS to Rebuild Menu Trees Upon Completion of Install    NO
MESSAGES:

 Install Started for PXRM*2.0*47 :
            Apr 25, 2017@09:22:59

Build Distribution Date: Apr 24, 2017

 Installing Routines:
            Apr 25, 2017@09:23

 Running Pre-Install Routine: PRE^PXRMP47I
```

```
DISABLE options.

DISABLE protocols.

 Installing Data Dictionaries:
             Apr 25, 2017@09:23:08

 Installing Data:
             Apr 25, 2017@09:23:08

 Installing PACKAGE COMPONENTS:

 Installing PRINT TEMPLATE

 Installing FORM

 Installing PROTOCOL

 Installing LIST TEMPLATE

 Installing OPTION
             Apr 25, 2017@09:23:08

 Running Post-Install Routine: POST^PXRMP47I

Removing obsolete field data
 Working on taxonomy GP IM PNEUMOC PCV13 PREVNAR
 Working on taxonomy GP IM PNEUMOC PPSV23 PNEUMOVAX
 Working on taxonomy HF LIPID LDL 120-129
```

Etc. See Installation example in [Appendix A](#)

Appendix D: Build File Print Example

Use the KIDS Build File Print option to print out the build components. You can select the multi-package build or any of the individual builds included in the multi-package build.

```
Select OPTION NAME:    XPD PRINT BUILD     Build File Print
Build File Print
Select BUILD NAME: PXRM*2.0*47        CLINICAL REMINDERS
DEVICE: HOME// ;;999  TELNET PORT
PACKAGE: PXRM*2.0*47     Apr 25, 2017 9:45 am                        PAGE 1
------------------------------------------------------------------------
TYPE: SINGLE PACKAGE                               TRACK NATIONALLY: YES
NATIONAL PACKAGE: CLINICAL REMINDERS            ALPHA/BETA TESTING: NO

DESCRIPTION:
Clinical Reminders ICD-10 follow-up build.


ENVIRONMENT CHECK:                              DELETE ENV ROUTINE:
 PRE-INIT ROUTINE: PRE^PXRMP47I             DELETE PRE-INIT ROUTINE: No
POST-INIT ROUTINE: POST^PXRMP47I          DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN: VSSAVE^PXRMP47I


                                         UP   SEND  DATA                USER
                                         DATE SEC.  COMES   SITE  RSLV  OVER
FILE #       FILE NAME                   DD   CODE  W/FILE  DATA  PTRS  RIDE
------------------------------------------------------------------------

802.1       NLM VALUE SET CODING SYSTEMS   YES   YES   NO

802.2       NLM VALUE SETS                 YES   YES   NO

802.3       NLM QUALITY MEASURE GROUPS     YES   YES   NO

811.2       REMINDER TAXONOMY              YES   YES   NO

811.4       REMINDER COMPUTED FINDINGS     NO    YES   YES     OVER  NO    NO
  DATA SCREEN: I $$CFINC^PXRMP47I(Y)

811.9       REMINDER DEFINITION            YES   YES   NO                  NO
Partial DD: subDD: 811.9256   fld: .01

PRINT TEMPLATE:                              ACTION:
   PXRM TAXONOMY DIALOG     FILE #811.2        DELETE AT SITE
   PXRM TAXONOMY INQUIRY    FILE #811.2        DELETE AT SITE
   PXRM TAXONOMY LIST    FILE #811.2           DELETE AT SITE
   PXRM TAXONOMY LIST HEADER   FILE #811.2     DELETE AT SITE

FORM:                                        ACTION:
   PXRM DIALOG TAXONOMY EDIT    FILE #811.2    SEND TO SITE
   PXRM TAXONOMY CHANGE LOG    FILE #811.2     SEND TO SITE
   PXRM TAXONOMY EDIT    FILE #811.2           SEND TO SITE

ROUTINE:                                      ACTION:
   PXRM                                        SEND TO SITE
   PXRMASL                                     SEND TO SITE
   PXRMBXTL                                    DELETE AT SITE
   PXRMCDEF                                    SEND TO SITE
   PXRMCOND                                    SEND TO SITE
   PXRMCQIN                                    SEND TO SITE
   PXRMCQLM                                    SEND TO SITE
```

```
PXRMCSD                                            DELETE AT SITE
PXRMCSSC                                           DELETE AT SITE
PXRMCSTX                                           SEND TO SITE
PXRMCSU                                            DELETE AT SITE
PXRMDATE                                           SEND TO SITE
PXRMDBLD                                           SEND TO SITE
PXRMDEV                                            SEND TO SITE
PXRMDIEV                                           SEND TO SITE
PXRMDLL                                            SEND TO SITE
PXRMDLLB                                           SEND TO SITE
PXRMDRUG                                           SEND TO SITE
PXRMDTAX                                           SEND TO SITE
PXRMERRH                                           SEND TO SITE
PXRMETXR                                           SEND TO SITE
PXRMEXCC                                           SEND TO SITE
PXRMEXCO                                           SEND TO SITE
PXRMEXCS                                           SEND TO SITE
PXRMEXFI                                           SEND TO SITE
PXRMEXIC                                           SEND TO SITE
PXRMEXIU                                           SEND TO SITE
PXRMEXLM                                           SEND TO SITE
PXRMEXMH                                           SEND TO SITE
PXRMEXU0                                           SEND TO SITE
PXRMEXWB                                           SEND TO SITE
PXRMFF                                             SEND TO SITE
PXRMFF0                                            SEND TO SITE
PXRMFIND                                           SEND TO SITE
PXRMFMTO                                           SEND TO SITE
PXRMFNFT                                           SEND TO SITE
PXRMHVET                                           SEND TO SITE
PXRMICHK                                           SEND TO SITE
PXRMLDR                                            SEND TO SITE
PXRMLEX                                            SEND TO SITE
PXRMLEXL                                           SEND TO SITE
PXRMLOCF                                           SEND TO SITE
PXRMLOCL                                           SEND TO SITE
PXRMLOG                                            SEND TO SITE
PXRMMSG                                            SEND TO SITE
PXRMORCH                                           SEND TO SITE
PXRMOUTC                                           SEND TO SITE
PXRMOUTM                                           SEND TO SITE
PXRMOUTU                                           SEND TO SITE
PXRMP47I                                           SEND TO SITE
PXRMPDEM                                           SEND TO SITE
PXRMPDR                                            SEND TO SITE
PXRMPDRP                                           SEND TO SITE
PXRMPRF                                            SEND TO SITE
PXRMPTTX                                           DELETE AT SITE
PXRMRCUR                                           SEND TO SITE
PXRMREDF                                           SEND TO SITE
PXRMREDT                                           SEND TO SITE
PXRMRPCA                                           SEND TO SITE
PXRMRUL1                                           SEND TO SITE
PXRMSXRM                                           SEND TO SITE
PXRMTAXD                                           SEND TO SITE
PXRMTAXL                                           SEND TO SITE
PXRMTAXS                                           DELETE AT SITE
PXRMTDUP                                           DELETE AT SITE
PXRMTECK                                           DELETE AT SITE
PXRMTEDT                                           DELETE AT SITE
PXRMTERM                                           SEND TO SITE
PXRMTEXT                                           SEND TO SITE
PXRMTXCR                                           SEND TO SITE
```

```
   PXRMTXDL                                          SEND TO SITE
   PXRMTXIM                                          SEND TO SITE
   PXRMTXIN                                          SEND TO SITE
   PXRMTXLS                                          SEND TO SITE
   PXRMTXSM                                          SEND TO SITE
   PXRMUIDE                                          SEND TO SITE
   PXRMUTIL                                          SEND TO SITE
   PXRMVAL                                           DELETE AT SITE
   PXRMVALC                                          DELETE AT SITE
   PXRMVALU                                          DELETE AT SITE
   PXRMVCPT                                          SEND TO SITE
   PXRMVPOV                                          SEND TO SITE
   PXRMVSCS                                          SEND TO SITE
   PXRMVSIN                                          SEND TO SITE
   PXRMVSLM                                          SEND TO SITE
   PXRMVSTX                                          SEND TO SITE
   PXRMXEVL                                          SEND TO SITE
   PXRMXSE1                                          SEND TO SITE

OPTION:                                            ACTION:
   PXRM DISABLE/ENABLE EVALUATION                    SEND TO SITE
   PXRM MANAGERS MENU                                USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS
   PXRM NLM CQM MENU                                 SEND TO SITE
   PXRM NLM VALUE SET MENU                           SEND TO SITE
   PXRM TAX SELECTED CODES REPAIR                    DELETE AT SITE
   PXRM TAXONOMY CODE SEARCH                         DELETE AT SITE
   PXRM TAXONOMY COPY                                DELETE AT SITE
   PXRM TAXONOMY EDIT                                DELETE AT SITE
   PXRM TAXONOMY EXPANSION                           DELETE AT SITE
   PXRM TAXONOMY EXPANSION ALL                       DELETE AT SITE
   PXRM TAXONOMY EXPANSION VERIFY                    DELETE AT SITE
   PXRM TAXONOMY INQUIRY                             DELETE AT SITE
   PXRM TAXONOMY LIST                                DELETE AT SITE
   PXRM TAXONOMY MANAGEMENT (OLD)                    DELETE AT SITE

PROTOCOL:                                          ACTION:
   PXRM CQM INQUIRE                                  SEND TO SITE
   PXRM CQM MENU                                     SEND TO SITE
   PXRM CQM SELECT ENTRY                             SEND TO SITE
   PXRM DIALOG ADD                                   DELETE AT SITE
   PXRM DIALOG EXIT                                  SEND TO SITE
   PXRM DIALOG HISTORY                               SEND TO SITE
   PXRM DIALOG LINK                                  SEND TO SITE
   PXRM LEXICON REMOVE FROM DIALOG                   SEND TO SITE
   PXRM LEXICON VIEW                                 DELETE AT SITE
   PXRM TAXONOMY ADD                                 SEND TO SITE
   PXRM TAXONOMY ALL SELECTED ADD                    SEND TO SITE
   PXRM TAXONOMY ALL SELECTED EXIT                   SEND TO SITE
   PXRM TAXONOMY ALL SELECTED MENU                   SEND TO SITE
   PXRM TAXONOMY ALL SELECTED RFD                    SEND TO SITE
   PXRM TAXONOMY ALL SELECTED RFT                    SEND TO SITE
   PXRM TAXONOMY ALL SELECTED SAVE                   SEND TO SITE
   PXRM TAXONOMY ALL SELECTED SELECT                 SEND TO SITE
   PXRM TAXONOMY ALL SELECTED UID                    SEND TO SITE
   PXRM TAXONOMY ALL SELECTED UID EDIT               SEND TO SITE
   PXRM TAXONOMY CHANGE LOG                          SEND TO SITE
   PXRM TAXONOMY CODE SEARCH                         SEND TO SITE
   PXRM TAXONOMY COPY                                SEND TO SITE
   PXRM TAXONOMY EDIT                                SEND TO SITE
   PXRM TAXONOMY IMPORT                              SEND TO SITE
   PXRM TAXONOMY INQUIRE                             SEND TO SITE
   PXRM TAXONOMY MENU                                SEND TO SITE
```

```
   PXRM TAXONOMY OLD INQUIRE                     DELETE AT SITE
   PXRM TAXONOMY UID EDIT                        SEND TO SITE
   PXRM TAXONOMY UID REPORT                      SEND TO SITE
   PXRM TAXONOMY UIDE EXIT                       SEND TO SITE
   PXRM TAXONOMY UIDE SAVE                       SEND TO SITE
   PXRM TAXONOMY UIDE SELECT ENTRY               SEND TO SITE
   PXRM TAXONOMY VALUE SET COMPARE               SEND TO SITE
   PXRM VS CODE SEARCH                           SEND TO SITE
   PXRM VS CREATE TAXONOMY                       SEND TO SITE
   PXRM VS INQUIRE                               SEND TO SITE
   PXRM VS MENU                                  SEND TO SITE
   PXRM VS SELECT ENTRY                          SEND TO SITE

LIST TEMPLATE:                             ACTION:
   PXRM CQM MENU                                 SEND TO SITE
   PXRM EX MAIN HELP                             DELETE AT SITE
   PXRM TAXONOMY ALL SELECTED                    SEND TO SITE
   PXRM TAXONOMY UID EDIT                        SEND TO SITE
   PXRM VS MENU                                  SEND TO SITE

INSTALL QUESTIONS:

 Default Rebuild Menu Trees Upon Completion of Install: NO
 Default INHIBIT LOGONs during the install: NO
 Default DISABLE Scheduled Options, Menu Options, and Protocols: NO

REQUIRED BUILDS:                           ACTION:
   PXRM*2.0*26                                   Don't install, leave global
   PX*1.0*201                                    Don't install, leave global
   XU*8.0*657                                    Don't install, leave global
   PXRM*2.0*53                                   Don't install, leave global
```