

# **Clinical Reminders**

ICD-10 Follow-up Installation Guide

PXRM\*2.0\*47 GMTS\*2.7\*113

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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 INOUIRY 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/ncrcp ublic/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/s ites/HDI/HIM/vaco HIM/SitePages/Ho me.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	
GMTS*2.7*89			
PXRM*2.0*47			

# 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	<b>REDACTED</b>	REDACTED
Salt Lake City	<b>REDACTED</b>	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.
  - 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.
  - 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
МН	Mental Health
ОНІ	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 Ouestions 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.
            REMINDER COMPUTED FINDINGS (including data)
   811.4
Note: You already have the 'REMINDER COMPUTED FINDINGS' File.
I will OVERWRITE your data with mine.
            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 Ouestions 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.
```

```
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:
          Ρ
                    Package
                    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
PXRMEXUO 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
        value = 8264453
PXRMLEX
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:

- 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 INSTAI Install File Print	LL FILE Install Fi	le Print
Select INSTALL NAME: PXRM*2.0*47 => CLINICAL REMINDERS ICD-10 FOLLO DEVICE: HOME// ;;999 TELNET		
PACKAGE: PXRM*2.0*47 Apr 25, 2017 9	COMPLETED	PAGE 1 ELAPSED
STATUS: Install Completed INSTALLED BY: TESTMASTER,USER NATIONAL PACKAGE: CLINICAL REMINDERS		5, 2017@09:21:38
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:	00.00.07	
NLM VALUE SET CODING SYSTEMS	09:23:07	
NLM VALUE SETS	09:23:07	0.00.01
NLM QUALITY MEASURE GROUPS	09:23:08	0:00:01
REMINDER TAXONOMY REMINDER COMPUTED FINDINGS	09:23:08 09:23:08	
REMINDER COMPOSED FINDINGS 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 MESSAGES:	Upon Completion of In	stall NO
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^PXRMI	P <b>4</b> 7I	

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:

PRE-INIT ROUTINE: PRE^PXRMP47I

POST-INIT ROUTINE: POST^PXRMP47I

DELETE PRE-INIT ROUTINE: No
DELETE POST-INIT ROUTINE: No
PRE-TRANSPORT RTN: VSSAVE^PXRMP47I
                                           UP SEND DATA
                                           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
802.2 NLM VALUE SETS
                                          YES YES
802.3 NLM QUALITY MEASURE GROUPS YES YES
811.2
          REMINDER TAXONOMY
                                          YES YES NO
          REMINDER COMPUTED FINDINGS NO YES YES OVER NO
                                                                            NO
 DATA SCREEN: I $$CFINC^PXRMP47I(Y)
          REMINDER DEFINITION
                                          YES YES
Partial DD: subDD: 811.9256 fld: .01
                                                      NO
                                                                             NO
PRINT TEMPLATE:
                                              ACTION:
  PXRM TAXONOMY DIALOG FILE #811.2
PXRM TAXONOMY INQUIRY FILE #811.2
PXRM TAXONOMY LIST FILE #811.2
                                                 DELETE AT SITE
                                                  DELETE AT SITE
                                                 DELETE AT SITE
  PXRM TAXONOMY LIST HEADER FILE #811.2
                                                 DELETE AT SITE
                                              ACTION:
  PXRM DIALOG TAXONOMY EDIT FILE #811.2 SEND TO SITE PXRM TAXONOMY CHANGE LOG FILE #811.2 SEND TO SITE
                                                 SEND TO SITE
   PXRM TAXONOMY EDIT FILE #811.2
ROUTINE:
                                               ACTION:
                                                   SEND TO SITE
  PXRM
   PXRMASL
                                                   SEND TO SITE
  PXRMBXTL
                                                   DELETE AT SITE
  PXRMCDEF
                                                   SEND TO SITE
  PXRMCOND
                                                   SEND TO SITE
                                                   SEND TO SITE
   PXRMCQIN
                                                   SEND TO SITE
   PXRMCOLM
```

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
PXRMEXUO	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
L 231/L/11/23/Q/1/	OPIND TO OTTE

```
SEND TO SITE
    PXRMTXDI.
    PXRMTXIM
                                                                                      SEND TO SITE
    PXRMTXIN
                                                                                      SEND TO SITE
                                                                                      SEND TO SITE
    PXRMTXLS
                                                                                       SEND TO SITE
    PXRMTXSM
    PXRMUIDE
                                                                                       SEND TO SITE
    PXRMUTIL
                                                                                       SEND TO SITE
                                                                                       DELETE AT SITE
    PXRMVAL
    PXRMVALC
                                                                                      DELETE AT SITE
    PXRMVALU
                                                                                      DELETE AT SITE
    PXRMVCPT
                                                                                      SEND TO SITE
                                                                                      SEND TO SITE
    PXRMVPOV
                                                                                      SEND TO SITE
    PXRMVSCS
    PXRMVSIN
                                                                                      SEND TO SITE
                                                                                      SEND TO SITE
    PXRMVSLM
                                                                                      SEND TO SITE
    PXRMVSTX
    PXRMXEVL
                                                                                      SEND TO SITE
   PXRMXSE1
                                                                                      SEND TO SITE
                                                                               ACTION:
OPTION:
                                                                               SEND TO SITE
   PXRM DISABLE/ENABLE EVALUATION
    PXRM MANAGERS MENU
                                                                                      USE AS LINK FOR MENU/ITEM/SUBS
CRIBERS
                                                                                     SEND TO SITE
    PXRM NLM COM MENU
  PXRM NLM VALUE SET MENU
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
    PXRM NLM VALUE SET MENU
                                                                                    SEND TO SITE
                                                                                   DELETE AT SITE
                                                                                   DELETE AT SITE
                                                                                    DELETE AT SITE
                                                                                    DELETE AT SITE
                                                                                    DELETE AT SITE
                                                                                   DELETE AT SITE
                                                                                   DELETE AT SITE
                                                                                    DELETE AT SITE
                                                                                    DELETE AT SITE
    PXRM TAXONOMY MANAGEMENT (OLD)
                                                                                     DELETE AT SITE
                                                                               ACTION:
PROTOCOL:
    PXRM CQM INQUIRE
                                                                                      SEND TO SITE
   PARM CQM MENU
PXRM CQM SELECT ENTRY
PXRM DIALOG ADD
PXRM DIALOG EXIT
PXRM DIALOG HISTORY
PXRM DIALOG LINK
                                                                                      SEND TO SITE
                                                                                     SEND TO SITE
                                                                                     DELETE AT SITE
                                                                                     SEND TO SITE
                                                                                    SEND TO SITE
  PXRM DIALOG HISTORY
PXRM DIALOG LINK
PXRM DIALOG LINK
SEND TO SITE
PXRM LEXICON REMOVE FROM DIALOG
PXRM LEXICON VIEW
PXRM TAXONOMY ADD
PXRM TAXONOMY ALL SELECTED ADD
PXRM TAXONOMY ALL SELECTED EXIT
PXRM TAXONOMY ALL SELECTED EXIT
PXRM TAXONOMY ALL SELECTED MENU
PXRM TAXONOMY ALL SELECTED RFD
PXRM TAXONOMY ALL SELECTED RFD
PXRM TAXONOMY ALL SELECTED RFT
PXRM TAXONOMY ALL SELECTED RFT
PXRM TAXONOMY ALL SELECTED SAVE
PXRM TAXONOMY ALL SELECTED SELECT
PXRM TAXONOMY ALL SELECTED UID
PXRM TAXONOMY ALL SELECTED UID
PXRM TAXONOMY ALL SELECTED UID SEND TO SITE
PXRM TAXONOMY ALL SELECTED UID SEND TO SITE
PXRM TAXONOMY ALL SELECTED UID SEND TO SITE
PXRM TAXONOMY CHANGE LOG
PXRM TAXONOMY CANCE SEADCH
                                                                                    DELETE AT SITE
   PXRM TAXONOMY CHANGE LOG
PXRM TAXONOMY CODE SEARCH
PXRM TAXONOMY COPY
                                                                                     SEND TO SITE
                                                                                     SEND TO SITE
    PXRM TAXONOMY EDIT
                                                                                      SEND TO SITE
    PXRM TAXONOMY EDIT
PXRM TAXONOMY IMPORT
PXRM TAXONOMY INQUIRE
                                                                                      SEND TO SITE
                                                                                     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
                                                 SEND TO SITE
  PXRM TAXONOMY UIDE SAVE
  PXRM TAXONOMY UIDE SELECT ENTRY
PXRM TAXONOMY VALUE SET COMPARE
                                                SEND TO SITE
                                                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
                                                 Don't install, leave global
  PXRM*2.0*53
```