



Clinical Reminders

**Version 2.0
PXRМ*2.0*4**

TECHNICAL MANUAL

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Health Systems Design and Development
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Revision History

Revision Date	Page(s)	Description	Project Manager	Author
June 2006	Page 10	Changes to files made in patch 4	Tim Landy	JoAnn Green
May 2006	Throughout	Patch 4 changes	Tim Landy	JoAnn Green

Introduction

Overview: Enhancements and Benefits of Clinical Reminders V. 2.0

Clinical Reminders V. 2.0 (PXR*2.0) adds four *new* IHD reminder definitions, two *modified* reminder definitions, modified reminder dialogs, reminder taxonomies, and reminder terms and health factors to support Phase II of the IHD project. It also redistributes three Mental Health reminder definitions, along with the reminder dialogs, reminder taxonomies, and reminder terms, and health factors to support Phase II of the MH project.

Phase II contains compliance reporting and rollup functionality for the reminders distributed in Phase I.

Also included in version 2:

- Functionality for Health Information Portability & Accountability Act (HIPAA) CSV (Code Set Versioning)
- Functionality for VA-GEC (Geriatric Extended Care)
- Corrections for problems reported in NOIS
- Improved reminders evaluation functionality
- Race and Ethnicity Computed Findings
- Hypertension reminders
- Iraq & Afghan Post-Deployment Screening reminders

Clinical Reminders Patch 4 Changes

See the Patch 4 Release Notes (PXRМ_2_4_RN.PDF) for an overview of the major changes in the Clinical Reminders (PXRМ) V. 2.0.4 software. The following is a summary of the changes:

- Removal of support for the old-style MRD findings
- Restoration and updates of the disclaimer in the Clinical Reminders Health Summary output
- New versions of the VA-HTN ASSESSMENT BP \geq 160/100 reminder definition and VA-MHV INFLUENZA reminders
- Six new computed findings
- Error trapping enhancements
- New function finding (DIFF_DATE)
- Changes to the frequency display for CANNOT BE DETERMINED (CNBD)
- New finding modifiers, INCLUDE VISIT DATA and USE START DATE
- USE COND IN FINDING SEACH changed to USE STATUS/COND IN SEARCH
- Major changes to the user interface for patient lists
- A new key, PXRМ MANAGER, for patient list options
- Many improvements to Reminder Reports, including expanded types of patient data that can be included in the Demographic Report
- Corrections and enhancements to GEC dialogs and reports, including a new option, Restore or Merge Referrals, in the GEC reports menu
- Name and description changes for Reminder Extract Management options

Purpose of This Guide

This Technical Manual is designed to help your site implement and maintain Clinical Reminders V. 2.0. It includes detailed information such as system requirements, file descriptions, and routine descriptions.

Our Target Audience

We have developed this guide for the following individuals, who are responsible for installing, supporting, maintaining, and testing this package:

- Information Resources Management (IRM)
- Clinical Application Coordinator (CAC) – called Application Package Coordinator (ADPAC) at some sites
- Enterprise VISTA Support (EVS)
- Software Quality Assurance (SQA)

Refer to the Web sites listed below when you want to receive more background and technical information about PXR V. 2.0, and to download this manual and related documentation.

Related Documentation and websites

Clinical Reminders Main Web page: <http://vista.med.va.gov/reminders/>

Documentation Retrieval Process

Your site can also retrieve the Clinical Reminders V. 2.0 documentation listed below from the VistA Documentation Library (VDL) or from the following FTP addresses. The preferred method is to “FTP” the files from download.vista.med.va.gov. This location automatically transmits files from the first available FTP Server to the appropriate directory on your system. (See the order listed below under the FTP Address column). **Note:** If you prefer, you can retrieve the software *directly* from one of the FTP Servers, listed below, under the FTP Address column.

FTP Addresses Available for Downloading PXR V. 2.0 Documentation

OI Field Office	FTP Address	Directory
Albany	ftp.fo-albany.med.va.gov	anonymous.software
Hines	ftp.fo-hines.med.va.gov	anonymous.software
Salt Lake City	ftp.fo-slc.med.va.gov	anonymous.software

Clinical Reminders V. 2.0 Documentation and Related File names

Documentation	Documentation File name
Installation Guide	PXR V. 2.0_IG.PDF
Technical Manual	PXR V. 2.0_TM.PDF
Clinician Guide	PXR V. 2.0_UM.PDF
Setup Guide	PXR V. 2.0_SG.PDF
Manager Manual	PXR V. 2.0_MM.PDF

Clinical Reminders V. 2.0 Patch 4 Documentation and Related File names

Documentation	Documentation File name
Release Notes	PXR V. 2.0_4_RN.PDF
Technical Manual	PXR V. 2.0_4_TM.PDF
Clinician Guide	PXR V. 2.0_4_UM.PDF
Manager Manual	PXR V. 2.0_4_MM.PDF

Implementation and Maintenance

Implementation and maintenance of Clinical Reminders occur several ways:

1. Integration with other applications:
 - CPRS
 - Health Summary
 - Patient Care Encounter (PCE)

Management of Clinical Reminders includes coordinating with these other entities. This linkage should remain transparent to users, but will require setup and coordination by the IRM office and Clinical Coordinators. See the technical and user manuals of those packages for implementation instructions.

2. Setting site parameters with options on the Manager Menu and the CPRS Coversheet option.
3. Allocating menus and options (see the Menus and Options section).
4. User customization through CPRS GUI Coversheet options.

Implementation and Maintenance

Patch 12, Index Global

The Clinical Reminders index global has been designed to provide an index of clinical data, which, in turn, supports rapid access to the data.

See the documentation for Patch 12 for information about installing and running the index global utility, as well as potential error messages and their resolution.

Journaling

The Office of Information recommends that journaling be disabled on the PXRMINDEX global while it is being built and until the historical index seeding is completed.

Once all the indexes are completed, journaling of the PXRMINDEX should be ENABLED.

Before installing PXRМ*2.0, make sure that the index global utility has completed its population of all the indexes included in PXRМ*1.5*12.

When PXRМ*1.5*12 is installed, it creates a new option, PXRМ INDEX MANAGEMENT, which is a menu containing PXRМ INDEX BUILD and PXRМ INDEX COUNT. Use the option PXRМ INDEX BUILD to start the indexing or to rebuild any part of the index.

The index-building utility populates the indexes by indexing the existing data. It works its way through the entire global, putting entries in the index for each piece of unique patient data it finds.

Although the index can be recreated from the original data at any time, the Office of Information recommends that journaling be enabled on the PXRMINDEX global after the historical index seeding is completed.

When the index utility finishes indexing a particular global, it sets the following three nodes:

```
^PXRMINDEX(FILE NUMBER,"GLOBAL NAME")=$$GET1^DID(FILE NUMBER,"","","GLOBAL NAME")
^PXRMINDEX(FILE NUMBER,"BUILT BY")=DUZ
^PXRMINDEX(FILE NUMBER,"DATE BUILT")=$$NOW^XLFDT
```

In addition to providing information about who built the index and when it got populated, these nodes can be used to determine when the index is complete and ready for use.

Implementation & Maintenance

Clinical Reminders Manager Menu

The Clinical Reminders Managers Menu contains these options for implementing and maintaining Clinical Reminders.

```
Clinical Reminders Management Menu [PXRM MANAGERS MEMU]
CF  Reminder Computed Finding Management ...[PXRM CF MANAGEMENT]
    CRL  Computed Finding List
    CFE  Add/Edit Computed Finding
RM  Reminder Definition Management ... [PXRM REMINDER MANAGEMENT]
    RL   List Reminder Definitions
    RI   Inquire about Reminder Definition
    RE   Add/Edit Reminder Definition
    RC   Copy Reminder Definition
    RA   Activate/Inactivate Reminders
    RH   Reminder Edit History
SM  Reminder Sponsor Management [PXRM SPONSOR MANAGEMENT]
    SL   List Reminder Sponsors
    SI   Reminder Sponsor Inquiry
    SE   Add/Edit Reminder Sponsor
TXM Reminder Taxonomy Management ... [PXRM TAXONOMY MANAGEMENT]
    TL   List Taxonomy Definitions
    TI   Inquire about Taxonomy Item
    TE   Add/Edit Taxonomy Item
    TC   Copy Taxonomy Item
    TX   Selected Taxonomy Expansion
TRM Reminder Term Management ... [PXRM TERM MANAGEMENT]
    TL   List Reminder Terms
    TI   Inquire about Reminder Term
    TE   Add/Edit Reminder Term
    TC   Copy Reminder Term
LM  Reminder Location List Management ... [PXRM LOCATION LIST MANAGEMENT]
    LL   List Location Lists
    LI   Location List Inquiry
    LE   Add/Edit Location List
RX  Reminder Exchange [PXRM REMINDER EXCHANGE]
RT  Reminder Test [PXRM REMINDER TEST]
OS  Other Supporting Menus ... [PXRM OTHER SUPPORTING MENUS]
    TM   PCE Table Maintenance ...
    PC   PCE Coordinator Menu ...
    HS   Health Summary Coordinator's Menu ...
    EF   Print Blank Encounter Forms ...
    QO   Enter/edit quick orders
INFO Reminder Information Only Menu ... [PXRM INFO ONLY]
    RL   List Reminder Definitions
    RI   Inquire about Reminder Definition
    TXL  List Taxonomy Definitions
    TXI  Inquire about Taxonomy Item
    TRL  List Reminder Terms
    TRI  Inquire about Reminder Term
    SL   List Reminder Sponsors
```

DM Reminder Dialog Management ... [PXRМ DIALOG MANAGEMENT]
 DP Dialog Parameters ...
 RS Reminder Resolution Statuses
 HR Health Factor Resolutions
 FP General Finding Type Parameters
 FI Finding Item Parameters
 TD Taxonomy Dialog Parameters
 DI Reminder Dialogs
 DR Dialog Reports
 OR Reminder Dialog Elements Orphan Report
 ER Empty Reminder Dialog Report
 IA Inactive Codes Mail Message

CP CPRS Reminder Configuration [PXRМ CPRS CONFIGURATION]
 CA Add/Edit Reminder Categories
 CL CPRS Lookup Categories
 CS CPRS Cover Sheet Reminder List
 MH Mental Health Dialogs Active
 PN Progress Note Headers
 RA Reminder GUI Resolution Active
 DL Default Outside Location
 PT Position Reminder Text at Cursor
 NP New Reminder Parameters
 GEC GEC Status Check
 WH WH Print Now Active

RP Reminder Reports ... [PXRМ REMINDER REPORTS]
 D Reminders Due Report
 R Reminders Due Report (User)
 U User Report Templates
 T Extract EPI Totals
 L Extract EPI List by Finding and SSN
 Q Extract QUERI Totals
 V Review Date Report
 G GEC Referral Report

MST Reminders MST Synchronization Management ... [PXRМ MST MANAGEMENT]
 SYN Reminders MST Synchronization
 REP Reminders MST Synchronization Report

PL Reminder Patient List Menu ... [PXRМ PATIENT LIST MENU]
 LRM List Rule Management
 PLM Patient List Management

PAR Reminder Parameters ... [PXRМ REMINDER PARAMETERS]
 ESD Edit Site Disclaimer
 EWS Edit Web Sites

XM Reminder Extract Management [PXRМ EXTRACT MENU]
 MA Reminder Extract Management
 EP Extract Definition Management
 EF Extract Counting Rule Management
 EG Extract Counting Group Management
 LR List Rule Management

GEC GEC Referral Report [GEC REFERRAL REPORT]

Routine Information

Namespace: *PXRM*

XUPRROU (List Routines) prints a list of any or all of the PXRM routines. This option is found on the XUPR-ROUTINE-TOOLS menu on the XUPROG (Programmer Options) menu, which is a sub-menu of the EVE (Systems Manager Menu) option. See the list of checksums in Appendix B.

```
Select Systems Manager Menu Option: programmer Options
Select Programmer Options Option: routine Tools
Select Routine Tools Option: list Routines
Routine Print
Want to start each routine on a new page: No// [ENTER]
routine(s) ? > PXRM*
```

The first line of each routine contains a brief description of the general function of the routine. Use the Kernel option XU FIRST LINE PRINT (First Line Routine Print) to print a list of just the first line of each xxx subset routine.

```
Select Systems Manager Menu Option: programmer Options
Select Programmer Options Option: routine Tools
Select Routine Tools Option: First Line Routine Print
PRINTS FIRST LINES
routine(s) ? >PXRM*
```

Files and Globals List

Clinical Reminders V. 2.0 installs the following files. Journaling is recommended.

The highlighted files are new with V2.0. Several changes to file and option names were made in Patch 4 (PXRMD*2*4).

The namespace for the Clinical Reminders package is PXRMD and the primary global is ^PXRMD.

Global	Name
^PXRMD(800	CLINICAL REMINDER PARAMETERS
^PXRMD(801.41	REMINDER DIALOG
^PXRMD(801.42	REMINDER GUI PROCESS
^PXRMD(801.43	REMINDER FINDING ITEM PARAMETER
^PXRMD(801.45	REMINDER FINDING TYPE PARAMETER
^PXRMD(801.5	REMINDER DIALOG PATIENT ASSOCIATION
^PXRMD(801.55	REMINDER GEC DIALOG ASSOCIATION HISTORY
^PXRMD(801.9	REMINDER RESOLUTION STATUS
^PXRMD(801.95	HEALTH FACTOR RESOLUTION
^PXRMD(802.4	REMINDER FUNCTION FINDING
^PXRMD(810.1	REMINDER REPORT TEMPLATE
^PXRMD(810.2	REMINDER EXTRACT DEFINITION
^PXRMD(810.3	REMINDER EXTRACT SUMMARY
^PXRMD(810.4	REMINDER LIST RULE
^PXRMD(810.5	REMINDER PATIENT LIST
^PXRMD(810.6	REMINDER EXTRACT ERRORS
^PXRMD(810.7	REMINDER EXTRACT COUNTING RULE
^PXRMD(810.8	REMINDER COUNTING GROUP
^PXRMD(810.9	REMINDER LOCATION LIST
^PXD(811.2	REMINDER TAXONOMY
^PXD(811.3	EXPANDED TAXONOMIES
^PXRMD(811.4	REMINDER COMPUTED FINDINGS
^PXRMD(811.5	REMINDER TERM
^PXRMD(811.6	REMINDER SPONSOR
^PXRMD(811.7	REMINDER CATEGORY
^PXD(811.8	REMINDER EXCHANGE
^PXD(811.9	REMINDER DEFINITION

Note: You can learn more about these files by generating a list with file attributes using VA FileMan.

File Descriptions

File #	File Name	File Description
800	CLINICAL REMINDER PARAMETERS	This file is used to define local parameters for maximum # of index errors, reminder management mail groups, health summary clinical maintenance disclaimers, SSN (full or truncated), MST synchronization, and websites. The file is exported with one entry that contains parameters used by Clinical Reminders.
801.41	REMINDER DIALOG	This file is used to define all of the components that work together to define a reminder dialog. Reminder dialog definitions are used by the CPRS GUI for reminder resolution.
801.42	REMINDER GUI PROCESS	This file summarizes GUI functionality that has been created for particular dialog processing on the GUI side. The GUI functionality can be associated with an entry in the Reminder Dialog file.
801.43	REMINDER FINDING ITEM PARAMETER	This file is used to predefine a preferred dialog element or dialog group to represent a reminder finding item. Auto-generation of a reminder dialog from the reminder definition uses the dialog in this file in preference to using the Finding Type Parameter's prefix and suffix to create a sentence. The finding items are restricted to finding types that can be used to resolve the reminder from the CPRS GUI. This file is for local use only. It does not contain any nationally distributed entries. Local entries in this file are not exchanged with other sites via the reminder exchange tool.
801.45	REMINDER FINDING TYPE PARAMETER	This file is used by the process that generates reminder dialogs for a reminder. During this process, for each reminder finding item in a reminder definition, one or more dialog elements are created depending on the Finding Type parameters in this file. The file content is distributed with the package but may be edited by sites to reflect how the site uses PCE data. The site can alter the pre-defined prefix and suffix text used to create sentences. The site can also disable creation of sentences for specific types of resolution statuses (e.g., Disable creation of education refused for an education topic because the site prefers to use Health Factors to represent refusals). The entries distributed in this file may not be deleted and new entries may not be added locally.

File Descriptions

File #	File Name	File Description
801.5	REMINDER DIALOG PATIENT ASSOCIATION	<i>New</i> This file contains a small amount of static data. Entries are entered and removed as Reminder Dialogs are processed by the CPRS GUI. Its main purpose is to keep track of and supply an Encounter Date/Time to the GUI interface so that the date/time can be later added to fields in the V HEALTH FACTOR file.
801.55	REMINDER GEC DIALOG	<i>New</i> This file contains a permanent history of activity that occurred during the use of the Reminder Geriatric Extended Care Dialogs. Information is added when a GEC Dialog is used and information is added about the patient
801.9	REMINDER RESOLUTION STATUS	This file defines the resolution statuses that may be related to a finding. National resolution statuses are distributed in this file, but sites may create local resolution statuses. If local resolutions are defined, they must be mapped to a national resolution status. The national resolution statuses are used by the process that creates dialog sentences for finding items. The distributed national resolution statuses may not be deleted.
801.95	HEALTH FACTOR RESOLUTION	This file defines the resolution statuses that should be related to a particular health factor. The resolution status can be derived for most patient findings (visit file helps determine done and historical). In order to know the appropriate resolution statuses for a health factor, they must be defined in this file. This file is for local use. No health factor resolution statuses are distributed in this file.
802.4	REMINDER FUNCTION FINDING	Functional findings operate on data from standard findings and return computed data. They can be used in patient cohort logic and resolution logic.
810.1	REMINDER REPORT TEMPLATE	This file is used by the reminder reports options only. For each type of report (e.g. Reminders Due) selection parameters used in a report may be saved as a template when the report is being run. When running reports, the user may opt to retrieve parameters from an existing template as the basis of a new report. Templates may be modified, renamed, copied or deleted from the reminder report options. The parameters for the reminder reports consist of a patient sample (e.g. PCMM team) from which a patient list is built and also a list of reminders to be evaluated for each selected patient. The field names in the template file correspond to the local variable and array names used in the print routines.

File Descriptions

File #	File Name	File Description
810.2	REMINDER EXTRACT DEFINITION	<p><i>Changed</i> National extract definitions were sent out with Clinical Reminders V.2.0 to support site roll-up of reporting totals to the Austin Automation Center (AAC). The generic extract functionality supports corporate level management analysis by providing reports that:</p> <ul style="list-style-type: none"> ▪ summarize patient reminder compliance totals (not applicable, applicable, due, not due) ▪ summarize finding total counts that reflect the most recent findings resulting from reminder evaluation ▪ summarize finding total counts that reflect site activities during the reporting month. ▪ list unique applicable patients included in the finding count (Patient List is not sent to Austin) <p>An extract definition may be manually run or set up to automatically run monthly or quarterly. The extract can be defined to only produce compliance totals, or to also include finding totals.</p>
810.3	REMINDER EXTRACT SUMMARY	<p><i>Changed</i> This file stores compliance totals found for a specific extract. The extract entries are read-only and may be selected by number or extract name. The extract summary entries are currently created from two types of processing: 1) Generic EXTRACT tool manual runs and automated runs 2) LREPI ENHANCE MANUAL RUN and LREPI NIGHTLY TASK on day 15 of each month</p> <p>Extracts and transmissions for a selected prior period may be initiated manually from Extract Summary options. Existing extracts may also be re-transmitted, if required.</p>
810.4	REMINDER LIST RULE	<p><i>Changed</i> This file is used to define what extract criteria should be used to build reminder patient lists. Extract criteria is defined as "list rules" in this file. The file is used by the Reminder Patient List option and Reminder Extract Management option to create patient lists.</p> <p>There are four types of record in the file:</p> <p>Patient List Rules - define an existing patient list</p> <p>Finding Rules - define reminder terms</p> <p>Reminder Rule - defines a reminder definition that builds a patient list based on the patient cohort logic using the ending date as the evaluation date.</p> <p>Rule Sets- defines a multiple of sequentially defined list rules (a rule set can not be included in the multiple).</p>

File Descriptions

File #	File Name	File Description
810.5	REMINDER PATIENT LIST	Patient lists in this file are created from the Reminder Due reporting option, Reminder Patient List option or from Reminder Extract runs. Reminder patient lists are retained for 5 years in this file before being purged. Individual patient lists can have the automatic purge turned off.
810.7	REMINDER EXTRACT COUNTING RULE	<i>Changed</i> This file is used during extract processing when an extract definition's TYPE OF TOTALS field is defined with COMPLIANCE AND FINDING TOTALS. When the extract type is for COMPLIANCE TOTALS only, there will not be an extract counting rule defined in the REMINDER EXTRACT DEFINITION file (#810.2). When the extract type includes FINDING TOTALS, then the extract definition needs to reference a counting rule for each reminder processed by the extract.
810.8	REMINDER COUNTING GROUP	<i>Changed</i> Counting groups are used for extract processing when the extract type is COMPLIANCE AND FINDING TOTALS. Each counting group defines reminder terms and type of counts to be totaled during an extract run. Counting groups are referenced and combined into one Extract Counting Rule in the REMINDER EXTRACT COUNTING RULE file (#810.7). Nationally distributed groups are prefixed 'VA-' and cannot be modified by a site.
810.9	REMINDER LOCATION LIST	This file contains lists of stop codes and hospital locations for use as reminder findings. The stop codes and hospital locations are those associated with a Visit file entry.
811.2	REMINDER TAXONOMY	This file stores the Clinical Reminder taxonomies. A taxonomy is a way to give a name to a set of codes. These codes can be ICD Diagnosis, ICD Operation/ Procedure or CPT. This file contains a combination of nationally distributed and local entries. Nationally distributed entries have their name prefixed with VA-. Local entry names cannot start with VA-.
811.3	EXPANDED TAXONOMIES	This file contains expanded taxonomies. It is used as a data cache so the expansion does not need to be continuously done. The expansion is rebuilt whenever a taxonomy is edited or one of the source files has changed since the expansion was last done. The source files are ICD0, ICD9, and ICPT. Entries in this file should never be set by hand.

File Descriptions

File #	File Name	File Description
811.4	REMINDER COMPUTED FINDINGS	<p>When none of the standard finding types will work, a computed finding can be created. There are two steps in creating a computed finding: First a MUMPS routine must be written. Information about how to do this can be found in the Clinical Reminders Manager Manual. The second step is to make an entry in this file, which contains a list of reminder computed findings.</p> <p>This file contains a combination of nationally distributed and local entries. Nationally distributed entries have their name prefixed with VA-. Local entry names cannot start with VA-.</p>
811.5	REMINDER TERM	<p>This file defines terms that may be used within reminder definitions. Reminder terms are useful for national reminders involving findings that are based on local file definitions (e.g., laboratory test, drug file, radiology). National reminder terms have limited editing capabilities which allow sites to map their local finding items to a term. Sites may create local reminder terms, providing an easy way to group a variety of findings and treat them the same way in a reminder. When a reminder with terms is evaluated, the finding items mapped to the term are used to find the patient data, but the patient data is reported based on the term the data is mapped to. The most recent true finding will be used to represent the term.</p> <p>This file contains a combination of national, local, and VISN level terms. Any local terms are assigned an internal entry number prefixed with your site number. Nationally distributed entries will have a Term Type of "National".</p>
811.6	REMINDER SPONSOR	<p>This file contains the names of groups or organizations that are sponsors of reminder components such as definitions, terms, and dialogs. Entries cannot be edited using FileMan; you must use the Reminder Sponsor Edit option.</p>

File Descriptions

File #	File Name	File Description
811.7	REMINDER CATEGORY	<p>This file contains reminder categories. Reminder categories are created at each site and are not released with the reminder package.</p> <p>A reminder category is a list of reminders (or other reminder categories) and is used to group reminders for display in the CPRS GUI. Reminder categories are allocated to individual users, locations, service, or system using the option PXRMR CPRS LOOKUP CATEGORIES.</p>
811.8	REMINDER EXCHANGE	<p>The Reminder Exchange File is used to store packed reminder definitions.</p> <p>Entries in this file should never be edited.</p>
811.9	REMINDER DEFINITION	<p>This file contains Clinical Reminder definitions. For a detailed description of the contents of this file, see the Clinical Reminders Manager Manual. Additional information may be found at the Clinical Reminders web site: http://vista.med.va.gov/reminders/</p> <p>This file contains a combination of nationally distributed and local entries. Any local entries are assigned an internal entry number prefixed with your site number. Nationally distributed entries have their name prefixed with VA-. Local entry names cannot start with VA-.</p>

File Changes in PXR*2.0*4

Reminder Extract and Patient List Changes

The original reminder extract report functionality went out in PXR*2.0. Since then we have received feedback that the terminology used for file and field names and descriptions is confusing the users and needs changes in order for the facilities to understand. The changes identified below were made to improve understanding and usability of the extract functionality.

Summary of changes:

810.2 REMINDER EXTRACT DEFINITION (formerly Reminder Extract Parameters)

- Changed file name to REMINDER EXTRACT DEFINITION (Parameter terminology was confusing)
- Improved file definition text. Removed focus on QUERI in the description.
- New fields
 - 810.21,.04 INCLUDE DECEASED PATIENTS
 - 810.21,.05 INCLUDE TEST PATIENTS
- Changed field names to be more meaningful and field descriptions to be consistent with terminology that will be taught at VEHU
 - NAME (#.01) description to remove parameter terminology
 - EXTRACT TYPE (#.02) changed to TYPE OF TOTALS
 - DESCRIPTION (#.03) add description/help text
 - NEXT REPORTING PERIOD/DATE (#4) changed to NEXT REPORTING PERIOD/YEAR to be consistent with field 2.
 - EXTRACT RULES (#10) changed to description.
 - EXTRACT SEQUENCE (#10,.01) change description
 - LIST RULE (#10, .02) changed to LIST RULE SET and change description, help text and screen explanation
 - PATIENT LIST NAME changed to EXTRACT PATIENT LIST NAME and change description
 - REMINDER/FINDING RULE (10,10) changed to REMINDERS/COUNTING RULES
 - REMINDER/FINDING SEQUENCE (10,10,.01) changed to REMINDER SEQUENCE and change description
 - EXTRACT FINDING RULE changed to COUNTING RULE and change description
 - CLASS change description

Templates were also changed to use new naming conventions.

810.3 REMINDER EXTRACT SUMMARY

- Changed file description to summarize generic extract summary entries, in addition to the LREPI entries
- Changed field name from REPORT EXTRACT PARAMETER (#1) to EXTRACT DEFINITION
- REPORT EXTRACT TYPE (#2) changed to TYPE OF TOTALS and change description

- REPORTING PERIOD (#3) - changed description
- EXTRACT FINDINGS (#10)- changed description
- FINDING TOTALS (#20) changed to LREPI FINDING TOTALS and change description
- COMPLIANCE TOTALS (#30) - added description
- FINDING TOTALS (#30,10)- added description

New cross-reference:

CROSS-REFERENCED BY: HL7 MESSAGE ID(AHLID)

New fields

810.331,6	UNIQUE APPLICABLE PATIENT LIST
810.3,50	AUTOMATICALLY PURGE
810.3,100	CLASS

810.4 REMINDER LIST RULE

- Changed File Description
- Changed BEGINNING DATE/TIME (#2) to LIST RULE BEGINNING DATE/TIME and changed definition.
- Changed ENDING DATE/TIME (#3) to LIST RULE ENDING DATE/TIME and change definition.
- Changed PATIENT LIST (#4) to EXISTING PATIENT LIST
- Changed EXTRACT PATIENT LIST (#7) to EXTRACT PATIENT LIST NAME
- Removed START SEQUENCE (#.04)
- Removed START LIST (#.05)
- Removed PERMANENT LIST (#.06)
- Changed SEQUENCE (#30) to LIST RULE SET
- Changed BEGINNING DATE/TIME (#2) to SEQUENCE BEGINNING DATE/TIME and changed definition.
- Changed ENDING DATE/TIME (#3) to SEQUENCE ENDING DATE/TIME and change definition.

810.5 REMINDER PATIENT LIST

- Changed file description
- NAME (#.01) - changed description
- Changed field name from REPORT/EXTRACT PARAMETER (#.05) to EXTRACT DEFINITION and changed description
- AUTOMATICALLY PURGE - changed description

New fields

810.5,.08	TYPE
810.5,.09	CREATED BY REMINDER DUE REPORT
810.5,.1	INCLUDE PCMM INSTITUTION
810.53,.03	PCMM INSTITUTION NAME
810.53,2	DUE REMINDER LIST
810.532,.01	REMINDER

810.532,1 REMINDER STATUS
 810.532,2 DUE DATE
 810.532,3 LAST DONE DATE
 810.5,35 DATA TYPE LIST
 810.535,.01 DATA TYPE
 810.5,45 REMINDER LIST
 810.545,.01 REMINDER
 810.5,50 AUTOMATICALLY PURGE
 810.5,200 CREATION DOCUMENTATION

Changed fields:

810.5,.05 REPORT/EXTRACT PARAMETER
 Changed to:
 810.5,.05 EXTRACT DEFINITION

810.53,.02 PRIMARY STATION
 Changed to:
 810.53,.02 PCMM INSTITUTION

810.54,1 STATUS
 Changed to
 810.54,1 ACCESS

810.7 REMINDER EXTRACT COUNTING RULE

- Changed file name from REMINDER EXTRACT FINDING RULE to REMINDER COUNTING RULE
- Changed description to reflect terminology changes (the term finding rule was used to represent two different types of data)
- NAME - changed description
- DESCRIPTION- changed description
- EXTRACT FINDING GROUPS (#10) changed to EXTRACT COUNTING GROUPS and change description
- SEQUENCE NUMBER (#10,.01) - changed description
- FINDING GROUP (#10,1) changed to COUNTING GROUP and changed description
- CLASS (#100) - changed description
- Changed template names

810.8 REMINDER FINDING GROUP

- Changed name to REMINDER COUNTING GROUP
- NAME (#.01) - changed description
- COUNT TYPE (#2) - changed description
- TERM (#10,1) - changed description
- CLASS (#100) - changed description

Other File Changes

File 801.41 REMINDER DIALOG:

801.41,9 GROUP ENTRY (addition of a set code and description)

File 811.52 REMINDER TERM

Changed field:

USE COND IN FINDING SEARCH

Changed to

USE STATUS/COND IN SEARCH.

File 811.9 REMINDER DEFINITION

New Fields:

811.902,27 USE START DATE

811.902,28 INCLUDE VISIT DATA

Changed field:

USE COND IN FINDING SEARCH

Changed to

USE STATUS/COND IN SEARCH.

Exported Menus and Options

This table shows top-level menus; sub-menus are described in the Description column.

Option	Option Name	Syn	Description
Reminder Computed Finding Management	PXRM CF MANAGEMENT	CF	This option provides tools for viewing or editing reminder computed findings.
Reminder Definition Management	PXRM REMINDER MANAGEMENT	RM	This menu contains options for creating, copying, and editing reminder definitions, as well as the options for maintaining the parameters used by CPRS for reminder processing.
Reminder Sponsor Management	PXRM SPONSOR MANAGEMENT	SM	A Reminder Sponsor is the organization or group that sponsors a Reminder Definition, such as the Office of Quality and Performance. Options on this menu let you view, define, or edit Reminder Sponsors.
Reminder Taxonomy Management	PXRM TAXONOMY MANAGEMENT	TX M	The REMINDER TAXONOMY file is used to define a range of coded values from ICD Diagnosis codes, ICD Operation/Procedures codes, and CPT codes that can be viewed as being part of a clinical category (taxonomy). Each entry has a low value and a high value. The software will search for matches on all the codes between the low and high values inclusive. If there is a match then the taxonomy finding will be true for the patient. This menu contains options for copying, editing taxonomies, as well as listing and inquiring about specific taxonomies.
Reminder Location List Management	PXRM LOCATION LIST MANAGEMENT		Location Lists are a new kind of reminder finding, that allow you to use a list of patients for a stop code or hospital location in a reminder definition. The stop codes and hospital locations are those associated with a Visit file entry.

Exported Menus and Options

Option	Option Name	Syn	Description
Reminder Term Management	PXRM TERM MANAGEMENT	TR	This menu allows you to edit, map, and view reminder terms.
Reminder Exchange	PXRM REMINDER EXCHANGE	RX	This option allows sites to exchange reminder definitions, dialogs, and other reminder components via MailMan messages and host files.
Reminder Test	PXRM REMINDER TEST	RT	This utility helps you test and troubleshoot your reminders when you create them or when you have problems.
Other Supporting Menus	PXRM OTHER SUPPORTING MENUS		This option contains menus from related packages such as PCE and Health Summary.
Reminder Information Only Menu	PXRM INFO ONLY	INFO	This menu provides information-only options for users who need information about reminders but do not need the ability to make changes.
Reminder Dialog Management	PXRM DIALOG MANAGEMENT	DM	This menu allows maintenance of the parameters used by CPRS for reminder dialog processing.
CPRS Reminder Configuration	PXRM CPRS CONFIGURATION	CP	This menu allows maintenance of the reminder parameters used by CPRS for reminder processing.
Reminder Reports	PXRM REMINDER REPORTS	RP	This is a menu of Clinical Reminder reports that clinicians can use for summary and detailed level information about patients' due and satisfied reminders. This option also contains reports that clinical coordinators can use to assign menus to specific users.
Reminder Patient List Menu	PXRM PATIENT LIST MENU		This menu contains options to manage list rules and patient lists that are used primarily for reminder extracts that transmit data to the Austin Automation Center IHD and MH QUERI databases. These patient lists can also be used for local purposes.
Reminders MST Synchronization Management	PXRM MST MANAGEMENT	MST	This option provides the Clinical Reminders MST management options. The EPI extract finding list and total options are specific to the Hepatitis C Extract project. The extracted data is based on the following reminders: VA-HEP C RISK ASSESSMENT, VA-NATIONAL EPI LAB EXTRACT, and VA-NATIONAL EPI RX EXTRACT.

Exported Menus and Options

Option	Option Name	Syn	Description
Reminder Parameters	PXRM REMINDER PARAMETERS	PAR	This menu contains the options, Edit Site Disclaimer and Edit Web Sites, which allow you to modify the parameters for these items.
Reminder Extract Management	PXRM EXTRACT MENU	EXT	This option manages the extract summary reports of compliance generated by the monthly extract runs. These extract summary reports detail the information transmitted to the central repository.
GEC Referral Report	PXRM GEC REFERRAL REPORT	GEC	This is the option that is used to generate GEC Reports. GEC (Geriatrics Extended Care) is used for referral of geriatric patients to receive further care.

Exported Menus and Options

```
Clinical Reminders Management Menu [PXRM MANAGERS MENU]
  CF  Reminder Computed Finding Management ... [PXRM CF MANAGEMENT]
      CRL  Computed Finding List
      CFE  Computed Finding Edit
  RM  Reminder Definition Management ... [PXRM REMINDER MANAGEMENT]
      RL  List Reminder Definitions
      RI  Inquire about Reminder Definition
      RE  Add/Edit Reminder Definition
      RC  Copy Reminder Definition
      RA  Activate/Inactivate Reminders
      RH  Reminder Edit History
  SM  Reminder Sponsor Management [PXRM SPONSOR MANAGEMENT]
      SL  List Reminder Sponsors
      SI  Reminder Sponsor Inquiry
      SE  Edit Reminder Sponsor
  TXM Reminder Taxonomy Management ... [PXRM TAXONOMY MANAGEMENT]
      TXL List Taxonomy Definitions
      TXI Inquire about Taxonomy Item
      TE  Edit Taxonomy Item
      TC  Copy Taxonomy Item
      TX  Selected Taxonomy Expansion
  TRM Reminder Term Management ... [PXRM TERM MANAGEMENT]
      TL  List Reminder Terms
      TI  Inquire about Reminder Term
      TE  Reminder Term Edit
      TC  Copy Reminder Term
  LM  Reminder Location List Management ... [PXRM LOCATION LIST
MANAGEMENT]
      LL  List Location Lists
      LI  Location List Inquiry
      LE  Edit Location List
  RX  Reminder Exchange [PXRM REMINDER EXCHANGE]
  RT  Reminder Test [PXRM REMINDER TEST]
  OS  Other Supporting Menus ... [PXRM OTHER SUPPORTING MENUS]
      TM  PCE Table Maintenance ...
      PC  PCE Coordinator Menu ...
      HS  Health Summary Coordinator's Menu ...
      EF  Print Blank Encounter Forms ...
      QO  Enter/edit quick orders
  INFO Reminder Information Only Menu ... [PXRM INFO ONLY]
      RL  List Reminder Definitions
      RI  Inquire about Reminder Definition
      TL  List Taxonomy Definitions
      TI  Inquire about Taxonomy Item
      TRM List Reminder Terms
      TRI Inquire about Reminder Term
      SL  List Reminder Sponsors
```

Clinical Reminders Management Menu, cont'd

DM	Reminder Dialog Management ... [PXRМ DIALOG MANAGEMENT]
DP	Dialog Parameters ...
RS	Reminder Resolution Statuses
HR	Health Factor Resolutions
FP	General Finding Type Parameters
FI	Finding Item Parameters
TD	Taxonomy Dialog Parameters
DI	Reminder Dialogs
DR	Dialog Reports
OR	Reminder Dialog Elements Orphan Report
ER	Empty Reminder Dialog Report
IA	Inactive Codes Mail Message
CP	CPRS Reminder Configuration [PXRМ CPRS CONFIGURATION]
CA	Add/Edit Reminder Categories
CL	CPRS Lookup Categories
CS	CPRS Cover Sheet Reminder List
MH	Mental Health Dialogs Active
PN	Progress Note Headers
RA	Reminder GUI Resolution Active
DL	Default Outside Location
PT	Position Reminder Text at Cursor
NP	New Reminder Parameters
GEC	GEC Status Check Active
WH	WH Print Now Active
RP	Reminder Reports ... [PXRМ REMINDER REPORTS]
D	Reminders Due Report
R	Reminders Due Report (User)
U	User Report Templates
T	Extract EPI Totals
L	Extract EPI List by Finding and SSN
Q	Extract QUERI Totals
V	Review Date Report
G	GEC Referral Report
MST	Reminders MST Synchronization Management ... [PXRМ MST MANAGEMENT]
SYN	Reminders MST Synchronization
REP	Reminders MST Synchronization Report
PL	Reminder Patient List Menu ... [PXRМ PATIENT LIST MENU]
LRM	List Rule Management
PLM	Patient List Management
PAR	Reminder Parameters ... [PXRМ REMINDER PARAMETERS]
ESD	Edit Site Disclaimer
EWS	Edit Web Sites
XM	Reminder Extract Menu [PXRМ EXTRACT MENU]
MA	Reminder Extract Management
EP	Extract Definition Management
EF	Extract Counting Rule Management
EG	Extract Counting Group Management
LR	List Rule Management
GEC	GEC Referral Report [GEC REFERRAL REPORT]

Archiving and Purging

Purging and archiving capabilities are not currently available in Clinical Reminders.

External Relations

Required Packages

Clinical Reminders V. 2.0*4 requires that the following software is installed and fully patched.

Minimum Required Packages and Versions

Package	Namespace	Minimum version
Clinical Reminders	PXRM	2.0*5
CPT	ICPT	6
HL7	HL	1.6
ICD	ICD	20
Kernel	XU	8.0
Lexicon	LEX	2.0
MailMan	XM	8.0
Order Entry/Results Reporting	OR	3.0
Text Integration Utilities	TIU	1.0
VA FileMan	DI	22.0

External Relations

Remote Procedure Calls (RPCs)

An RPC is a procedure called from the client (the user's workstation) communicating to the server (the M database). Clinical Reminders contains Reminder Dialogs that are used within CPRS, from the Notes tab, thus requiring RPCs to facilitate this communication.

A complete listing of RPCs is available under the DBA menu on Forum.

The Database Administrator (DBA) maintains a list of RPCs.

- 1 PXRМ EDUCATION SUBTOPICS
- 2 PXRМ EDUCATION SUMMARY
- 3 PXRМ EDUCATION TOPIC
- 4 PXRМ MENTAL HEALTH
- 5 PXRМ MENTAL HEALTH RESULTS
- 6 PXRМ MENTAL HEALTH SAVE
- 7 PXRМ PROGRESS NOTE HEADER
- 8 PXRМ REMINDER CATEGORIES
- 9 PXRМ REMINDER CATEGORY
- 10 PXRМ REMINDER DETAIL
- 11 PXRМ REMINDER DIALOG
- 12 PXRМ REMINDER DIALOG (TIU)
- 13 PXRМ REMINDER DIALOG PROMPTS
- 14 PXRМ REMINDER EVALUATION
- 15 PXRМ REMINDER INQUIRY
- 16 PXRМ REMINDER RPC
- 17 PXRМ REMINDER WEB
- 18 PXRМ REMINDERS (UNEVALUATED)
- 19 PXRМ REMINDERS AND CATEGORIES

External Relations

Database Integration Agreements

Complete integration agreements are under the DBA menu on Forum.

Non-destructive, read-only component routines have been written to present VISTA ancillary package data.

The package interacts with, and extracts data from many other VISTA software packages. Permission to use data from the other packages is obtained by completing a written integration agreement with each of the other packages.

The Database Administrator (DBA) maintains a list of Integration Agreements (IAs) or mutual agreements between software developers allowing the use of internal entry points or other software-specific features that are not available to the general programming public.

To obtain the current list of IAs, , to which Clinical Reminders is a custodian, do the following:

```
Select Integration Agreements Menu Option: 8 <Enter> Custodial Package
Menu
    1 ACTIVE by Custodial Package
    2 Print ALL by Custodial Package
    3 Supported References Print All
Select Custodial Package Menu Option: 1 <Enter> ACTIVE by Custodial
Package
Select PACKAGE NAME: PXRM
DEVICE: HOME// <Enter> UCX DEVICE Right Margin: 80// <Enter>
```


Internal Relations

All options are independently invocable.

Package-Wide Variables

CLINICAL REMINDERS

- 1 STANDARD SECTION: 3A Namespacing
 DATE GRANTED: SEP 8,2003
 A request to change sections 2.3.1.10.1 and 2.3.1.10.2 of the SAC so that the requirement for variable name spacing is replaced by a requirement for proper variable scoping has been put before the SACC. Pending approval of that change Clinical Reminders would like to request an exemption from those two sections; instead adhering to using proper scoping.

The reasons why these two sections should be changed have already been given to the SACC, however for convenience we will reiterate some of them here:

Because of the way MUMPS makes the symbol table globally available the only way name spacing of variables offers true protection is if all variables are name spaced. Most programmers would agree that name spacing of all variables would be very cumbersome and laborious. These two sections provide a false sense of security, which in turn can lead to bad programming.

With the eight-character limit for variable names, the name spacing requirement can make it very difficult to give variables meaningful names. For example, if your package name space is four characters you only have four unique characters for variable names.

Lack of meaningful names makes programs harder to understand and subsequently harder to maintain.

Before the new command existed name spacing was a mechanism that helped eliminate some collision in variable names. With the advent of the new command proper variable scoping is easily accomplished and eliminates variable name collision.

Clinical Reminders has gone to great a deal of effort to write safe code that uses proper scoping and to choose meaningful variable names. Clinical Reminders is requesting this exemption so its code can retain these positive attributes.

The Standards and Conventions Committee (SACC) has reviewed these independently. The SACC has voted in favor of the team's request, 11-2-0 (one absent), and recommends approval of their request. The SACC will take immediate action to investigate further the possible need to adapt and/or update or expand our current standard definitions. We will work with the Foundations Team and SEPG to ensure that there are amendable standards that cover all software releases.

- 2 DATE GRANTED: AUG 11,2003
 Frank Traxler, Programmer, the Standards and Conventions Committee (SACC) has reviewed these independently and discussed them openly on email with GUI SAC historians. The SACC has voted in favor of the Projects' requests, 10-2-1, and recommends approval of their request. The current M SAC must be updated to reflect verbiage that

will assist the user in following the process to current utilities that are available. As is, M SAC states "5.4.6.3.1 - A CRC-32 number shall be displayed in the About box using the GetFileCRC32 method in the Xlfileinfo unit. An example of a CRC can be found in the CPRS About box (see 1.4.7 Sample About box)." The SACC has searched for this GetFileCRC32 method and Xlfileinfo unit and cannot find them anywhere as referenced specifically. These utilities are available from outside source and are being used within source code. The packages are not exempt from the process, just from the specific utility and file until the GUI SAC is rewritten. Definitions: GetFileCRC32 - Calculates a CRC32 value on a given filename. CRC is a "digital fingerprint" of a file, you can use CRC32 to calculate 32-bit checksums.

CRC is displayed in the GUI when you open CPRS and choose "Help About:"

Here's the actual code:

fAbout.pas gets the CRC in the following call I've highlighted:
 =====

```

procedure TfrmAbout.FormCreate(Sender: TObject); begin
  inherited;
  lblCompanyName.Caption      := 'Developed by the ' +
FileVersionValue(Application.ExeName, FILE_VER_COMPANYNAME);
  lblFileDescription.Caption  := 'Compiled ' +
FileVersionValue(Application.ExeName, FILE_VER_FILEDESCRIPTION);
  //date
  lblFileVersion.Caption     :=
FileVersionValue(Application.ExeName, FILE_VER_FILEVERSION);
  lblInternalName.Caption    :=
FileVersionValue(Application.ExeName, FILE_VER_INTERNALNAME);
  lblLegalCopyright.Text     :=
FileVersionValue(Application.ExeName, FILE_VER_LEGALCOPYRIGHT);
  lblOriginalFileName.Caption :=
FileVersionValue(Application.ExeName, FILE_VER_ORIGINALFILENAME);
  //patch
  lblProductName.Caption     :=
FileVersionValue(Application.ExeName, FILE_VER_PRODUCTNAME);
  lblComments.Caption        :=
FileVersionValue(Application.ExeName, FILE_VER_COMMENTS); //
version comment
  lblCRC.Caption             := 'CRC: ' +
IntToHex(CRCForFile(Application.ExeName), 8); end;
  
```

ORFn contains that call:
 =====

```

function CRCForFile(AFileName: string): DWORD; const
  BUF_SIZE = 16383; type
  TBuffer = array[0..BUF_SIZE] of Byte; var
  Buffer: Pointer;
  AHandle, BytesRead: Integer; begin
  Result:=$FFFFFFFF;
  GetMem(Buffer, BUF_SIZE);
  AHandle := FileOpen(AFileName, fmShareDenyWrite);
  repeat
    BytesRead := FileRead(AHandle, Buffer^, BUF_SIZE);
    Result := UpdateCrc32(Result, TBuffer(Buffer^), BytesRead);
  until BytesRead <> BUF_SIZE;
  FileClose(AHandle);
  
```

```
FreeMem(Buffer);  
Result := not Result; end;
```

Generating Online Documentation

KIDS Build and Install Print Options

Print a list of package components

Use the KIDS Build File Print option if you would like a complete listing of package components (e.g., routines and options) exported with this software. See the example in Appendix C.

```
>D ^XUP
Setting up programmer environment
Terminal Type set to: C-VT100

Select OPTION NAME: XPD MAIN      Kernel Installation & Distribution System menu

      Edits and Distribution ...
      Utilities ...
      Installation ...

Select Kernel Installation & Distribution System Option: Utilities

      Build File Print
      Install File Print
      Convert Loaded Package for Redistribution
      Display Patches for a Package
      Purge Build or Install Files
      Rollup Patches into a Build
      Update Routine File
      Verify a Build
      Verify Package Integrity

Select Utilities Option: Build File Print

Select BUILD NAME: CLINICAL REMINDERS 2.0
```

Print Results of the Installation Process

Use the KIDS Install File Print option if you'd like to print out the results of the installation process.

```
Select Utilities Option: Install File Print
Select INSTALL NAME: CLINICAL REMINDERS 2.0

DEVICE: HOME// ;;999 ANYWHERE
```

Generating Online Documentation

Other Kernel Print Options

Besides using the Kernel Installation & Distribution (KIDS) options to get lists of routines, files, etc., you can also use other Kernel options to print online technical information.

Routines

The namespace for the Clinical Reminders package is PXRМ. Use the Kernel option, List Routines [XUPRROU], to print a list of any or all of the Clinical Reminder routines. This option is found on the Routine Tools [XUPR-ROUTINE-TOOLS] menu on the Programmer Options [XUPROG] menu, which is a sub-menu of the Systems Manager Menu [EVE] option.

Example:

```
Select Systems Manager Menu Option: programmer Options
Select Programmer Options Option: routine Tools
Select Routine Tools Option: list Routines
Routine Print
Want to start each routine on a new page: No// <RET>
routine(s) ? > PXRМ*
```

The first line of each routine contains a brief description of the general function of the routine. Use the Kernel option, First Line Routine Print [XU FIRST LINE PRINT], to print a list of just the first line of each Health Summary subset routine.

Example:

```
Select Systems Manager Menu Option: programmer Options
Select Programmer Options Option: routine Tools
Select Routine Tools Option: First Line Routine Print
PRINTS FIRST LINES
routine(s) ? > PXRМ*
```

Generating Online Documentation

Globals

The globals used in the package are PXRМ* and PXD*:

Use the Kernel option, List Global [XUPRGL], to print a list of any of these globals. This option is found on the Programmer Options menu [XUPROG], which is a sub-menu of the Systems Manager Menu [EVE] option.

Example:

```
Select Systems Manager Menu Option: programmer Options
Select Programmer Options Option: LIST Global
Global ^PXRМ*
```

Inquire To Option File

The Kernel Inquire option [XUINQUIRE] provides the following information about a specified option(s):

- Option name.
- Menu text.
- Option description.
- Type of option.
- Lock (if any).

In addition, all items on the menu are listed for each menu option.

XINDEX

XINDEX is a routine that produces a report called the VA Cross-Referencer. This report is a technical and cross-reference listing of one routine or a group of routines. XINDEX provides a summary of errors and warnings for routines that do not comply with VA programming standards and conventions, a list of local and global variables and what routines they are referenced in, and a list of internal and external routine calls.

XINDEX is invoked from programmer mode: D ^XINDEX.

When selecting routines, select XXX* .

Generating Online Documentation

Data Dictionaries/ Files

The number-spaces for Clinical Reminders files are 800. 801, 811-. Use the VA FileMan DATA DICTIONARY UTILITIES, option #8 (DILIST, List File Attributes), to print a list of these files. Depending on the FileMan template used to print the list, this option will print out all or part of the data dictionary for the PXRМ files.

List File Attributes

The FileMan List File Attributes option [DILIST] lets you generate documentation about files and file structure. If you choose the “Standard” format, you can see the following Data Dictionary information for a specified file(s):

- File name and description.
- Identifiers.
- Cross-references.
- Files pointed to by the file specified.
- Files that point to the file specified.
- Input templates.
- Print templates.
- Sort templates.

Example:

```
>D P^DI
VA FileMan 21.0
Select OPTION: DATA DICTIONARY UTILITIES
Select DATA DICTIONARY UTILITY OPTION: LIST FILE ATTRIBUTES
  START WITH WHAT FILE: 800
                                     (1 entry)
      GO TO WHAT FILE: 821

Select LISTING FORMAT: STANDARD// [Enter]
DEVICE: PRINTER
```

In addition, the following applicable data is supplied for each field in the file: field name, number, title, global location, description, help prompt, cross-reference(s), input transform, date last edited, and notes.

The “Global Map” format of this option generates an output that lists all cross-references for the file selected, global location of each field in the file, input templates, print templates, and sort templates.

How to Generate Online Documentation

?, ??, and ??? Online Help

- ? Enter one question mark to see helpful information about the components of the health summary type used in the health summary and the options available.
- ?? Enter two question marks to see a list of available health summary components.
- ??? Enter three question marks for detailed help, if available.

CPRS Online Help

In CPRS, help relating to Clinical Reminders is available from the Help menu.

Internet

Clinical Reminders information is also available from the Clinical Reminders website <http://vista.med.va.gov/reminders/> and from the *VistA* Documentation Library (VDL)

Glossary

Acronyms

AAC	Austin Automation Center
AIMS	Abnormal Involuntary Movement Scale
API	Application Programmer Interface.
CAC	Clinical Application Coordinator
CPRS	Computerized Patient Record System.
DBIA	Database Integration Agreement.
EPRP	External Peer Review Program
GUI	Graphical User Interface.
HSR&D	Health Services Research and Development
HL7	Health Level 7
IHD	Ischemic Heart Disease
MDD	Major Depressive Disorder
OQP	Office of Quality and Performance
QUERI	Quality Enhancement Research Initiative
SAS	Simple Authentication and Security
SRS	Software Requirements Specification
VHA	Veterans Health Administration.
VISN	Veterans Integrated Service Networks.
VISTA	Veterans Health Information System and Technology Architecture.

Glossary

Definitions

AAC SAS Files	AAC SAS files contain data that is equivalent to data stored in the Reminder Extract Summary entry in the Reminder Extract Summary file. AAC manages SAS files for use by specifically defined users.
Applicable	The number of patients whose findings met the patient cohort reminder evaluation.
Due	The number of patients whose reminder evaluation status is due.
Extract Parameter	Parameters that define how to identify the patient cohort. A national extract entry is defined for each extract process. This entry defines an extract name, how often to automatically run the named extract process, the rules used to identify target patients, what reminders should be run against what patient list, what type of finding counts to accumulate, and where to transmit results.
Extract Summary	An extract summary containing the results of an extract process is created by this process in the Extract Summary File. This Extract Summary entry will help coordinators track the extract process through successful transmission processing by AAC.
Extract Run	A periodic extract job based on the Extract Parameter definition. The extract job creates an entry in the Reminder Extract Summary file. The extract job automatically starts a transmission job to transmit the extract summary data to a queue at the AAC. The successful completion of the Extract Run schedules the next periodic Extract Run.
Finding Count Rules	A Finding Count Rule defines the group of findings to accumulate, the type of finding total, and whether to use the TOTAL or APPLICABLE patient cohorts to calculate finding counts.

Glossary

Finding Group	Group of Reminder Terms within the Extract Parameter File used for counting purposes.
Finding Totals	Totals derived using Finding Count Rules.
HL7 Transmissions	HL7 transmission packages contain HL7 messages that are processed between the transmitting system and AAC.
List Rules	A List Rule is a set of rules that define which findings shall be used to determine whether a patient should be added or removed from a patient list.
National Database	All sites running Mental Health QUERI software transmit their data to a new compliance totals database at the AAC.
Not Applicable	The number of patients whose findings did not meet the patient cohort reminder evaluation.
Not Due	The number of patients whose reminder evaluation status is not due.
Reminder Definitions	Reminder Definitions comprise the predefined set of finding items used to identify patient cohorts and reminder resolutions. Reminders are used for patient care and/or report extracts.
Reminder Dialog	Reminder Dialogs comprise a predefined set of text and findings that together provide information to the CPRS GUI, which collects and updates appropriate findings while building a progress note.
Reminder Patient List	A list of patients that is created from a set of List Rules and/or as a result of report processing. Each Patient List is assigned a name and is defined in the Reminder Patient List File. Reminder Patient Lists may be used as an incremental step to completing national extract processing or for local reporting needs. Patient Lists created from the Reminders Due reporting process are based on patients that met the patient cohort, reminder resolution, or specific finding extract parameters. These patient lists are used only at local facilities.

Glossary

Reminder Terms	Predefined finding items that are used to map local findings to national findings, providing a method to standardize these findings for national use.
Reminder Totals	Totals that are accumulated from the reminder evaluation process based on the APPLICABLE, NOT APPLICABLE, DUE, AND NOT DUE statuses.
Report Reminders	Reminders may be defined specifically for national reporting. Report Reminders do not have a related Reminder Dialog in CPRS and are not used by clinicians for patient care. However, clinical reminders that are used in CPRS may also be used for national reminder reporting. All reminders targeted for national reporting are defined in Extract Parameters.
Reporting Period Extract	The extracts may be for monthly, quarterly, or yearly processing. The extracts are formatted and transmitted to the national database via HL7 messaging using a report format.
Total	The total number of patients in a patient list (denominator) based on the criteria defined in the Reminder List Rule file.
Transmission Run	The Transmission Run is started automatically by the Extract Run, but may also be manually scheduled. The extract process starts the Transmission Run just before completing the Extract Run. The Transmission Run transmits extract summary data to an AAC queue via HL7 transmissions. This data updates the Reminder Extract Summary entry for the reporting period.

APPENDIX A: Security Guide

Security for Clinical Reminders is managed by menu/option assignment and file access. There are no security keys.

Reports produced by this package are highly confidential and should be treated with the same security precautions as a patient's medical record.

Menu Access

The Clinical Reminders package contains the following menus/options. Assign these menus as follows.

Menu/Option	Option Name	Assignment
Reminder Computed Finding Management	PXRM CF MANAGEMENT	CACs, Reminders managers
Reminder Definition Management	PXRM REMINDER MANAGEMENT	CACs, Reminders managers
Reminder Sponsor Management	PXRM SPONSOR MANAGEMENT	CACs, Reminders managers
Reminder Taxonomy Management	PXRM TAXONOMY MANAGEMENT	CACs, Reminders managers
Reminder Location List Management	PXRM LOCATION LIST MANAGEMENT	CACs, Reminders managers
Reminder Term Management	PXRM TERM MANAGEMENT	CACs, Reminders managers
Reminder Exchange	PXRM REMINDER EXCHANGE	CACs, Reminders managers
Reminder Test	PXRM REMINDER TEST	CACs, Reminders managers
Other Supporting Menus	PXRM OTHER SUPPORTING MENUS	CACs, Reminders managers
Reminder Information Only Menu	PXRM INFO ONLY	Assign to users (e.g., clinicians) who need information about reminders but do not need the ability to make changes.
Reminder Dialog Management	PXRM DIALOG MANAGEMENT	CACs, Reminders managers
CPRS Reminder Configuration	PXRM CPRS CONFIGURATION	CACs, Reminders managers

APPENDIX A: Security Guide

Option	Option Name	Assignment
Reminder Reports	PXRM REMINDER REPORTS	This is a menu of Clinical Reminder reports that clinicians can use for summary and detailed level information about patients' due and satisfied reminders. This option also contains reports that clinical coordinators can use to assign menus to specific users.
Reminder Patient List Menu	PXRM PATIENT LIST MENU	CACs, Reminders managers
Reminders MST Synchronization Management	PXRM MST MANAGEMENT	CACs, Reminders managers
Reminder Parameters	PXRM REMINDER PARAMETERS	CACs, Reminders managers
Reminder Extract Management	PXRM EXTRACT MENU	CACs, Reminders managers
GEC Referral Report	PXRM GEC REFERRAL REPORT	This is the option that is used to generate GEC Reports. GEC (Geriatrics Extended Care) is used for referral of geriatric patients to receive further care

APPENDIX A: Security Guide

File Security

The table below indicates the security that the Clinical Reminders software package establishes for its files.

Number	Name	DD	RD	WR	DEL	LAYGO	AUDIT
800	CLINICAL REMINDER PARAMETERS	@		@	@	@	@
801.41	REMINDER DIALOG	@		@	@	@	@
801.42	REMINDER GUI PROCESS	@		@	@	@	@
801.43	REMINDER FINDING ITEM PARAMETER	@		@	@	@	@
801.45	REMINDER FINDING TYPE PARAMETER	@		@	@	@	@
801.5	REMINDER DIALOG PATIENT ASSOCIATION	@	@	@	@	@	@
801.9	REMINDER RESOLUTION STATUS	@		@	@	@	@
801.95	HEALTH FACTOR RESOLUTION	@		@	@	@	@
802.4	REMINDER FUNCTION FINDING	@	@	@	@	@	@
810.1	REMINDER REPORT TEMPLATE	@		@	@	@	@
810.2	REMINDER EXTRACT PARAMETERS	@		@	@	@	@
810.3	REMINDER EXTRACT SUMMARY	@		@	@	@	@
810.4	REMINDER LIST RULE	@		@	@	@	@
810.5	REMINDER PATIENT LIST	@		@	@	@	@
810.7	REMINDER EXTRACT FINDING RULE	@		@	@	@	@
810.8	REMINDER FINDING GROUP	@		@	@	@	@
810.9	REMINDER LOCATION LIST	@		@	@	@	@
811.2	REMINDER TAXONOMY	@		@	@	@	@
811.3	EXPANDED TAXONOMIES	@		@	@	@	@
811.4	REMINDER COMPUTED FINDINGS	@		@	@	@	@
811.5	REMINDER TERM	@		@	@	@	@
811.6	REMINDER SPONSOR	@		@	@	@	@
811.7	REMINDER CATEGORY	@		@	@	@	@
811.8	REMINDER EXCHANGE	@		@	@	@	@
811.9	REMINDER DEFINITION	@		@	@	@	@

Appendix B: Clinical Reminders Routine Checksums

Routine =====	Before Patch =====	After Patch =====	Patch List =====
PXRM	6375097	6400148	4
PXRM7API	195274	1278326	4
PXRMAGE	2447072	2752766	4
PXRMCDEF	NEW	1128649	4
PXRMCDUE	5783887	5815247	4
PXRMCWH	10440673	10598285	1,4
PXRMDATA	2123207	2434990	4
PXRMDATE	5857392	6485644	4
PXRMDCPY	5854320	6068514	4
PXRMDEDI	5922475	5961802	4
PXRMDEDT	10680551	10787783	4
PXRMDDEV	3756337	6770491	4
PXRMDGEN	2510380	2471848	4
PXRMDGPT	8782505	8965425	4
PXRMDIN	2383933	2867447	4
PXRMDISC	379913	659939	4
PXRMDLG4	12726172	13171009	4
PXRMDLG5	7386175	7819159	4
PXRMDLGZ	6667579	6670561	4
PXRMDNVA	2377993	2813752	4
PXRMDOUT	2713708	3297752	4
PXRMDRCL	2655583	2684879	4
PXRMDRGR	7729652	8601378	4
PXRMDRUG	9970397	10050228	4
PXRMEFED	2463971	2520205	4
PXRMEFM	2698381	2799973	4
PXRMEGED	2539258	2609990	4
PXRMEGM	3604144	3640225	4
PXRMEHLP	4920163	5013609	4
PXRMENOD	1438338	977704	4
PXRMEPED	2467735	2488617	4
PXRMEPM	4948272	5025077	4
PXRMERRH	6602244	7388391	4
PXR METH	10714348	10997606	4
PXR METH1	3000440	4724184	4
PXR METHL	1688984	1687520	4
PXR METM	4770976	4778764	4
PXR METT	6759103	9123109	4
PXR METX	11205377	9271082	4
PXR METXR	10523065	11733578	4

PXRMETXU	NEW	2054382	4
PXRMEUT	3438065	8471951	4
PXRMEUT1	NEW	5855000	4
PXRMEXIU	11076209	11478111	4
PXRMEXLC	8487408	9282948	4
PXRMEXLD	12548541	12028233	4
PXRMEXU0	871371	2155230	4
PXRMFF	4952473	4612863	4
PXRMFF0	1248365	1626790	4
PXRMFFAT	NEW	244932	4
PXRMFFDB	5845694	6826569	4
PXRMFNFT	NEW	7039481	4
PXRMG2E1	8438785	5201932	2,4
PXRMG2E2	6303644	6305169	2,4
PXRMG2E4	5463170	5760329	2,4
PXRMG2M1	4128779	4076382	2,4
PXRMG2R1	9225619	9492213	2,4
PXRMGECJ	NEW	17356137	4
PXRMGECK	5177963	5182809	4
PXRMGECL	NEW	2733331	4
PXRMGECM	14917944	15336964	4
PXRMGECP	9413963	10065589	2,4
PXRMGECQ	22435387	23708680	4
PXRMGECR	20969526	21924625	4
PXRMGECS	11864521	12026132	4
PXRMGECT	6627943	8137886	4
PXRMGECU	13501127	14075066	4
PXRMGECV	12218339	7299853	4
PXRMGECZ	8578158	8678473	4
PXRMINDC	10402045	10439574	4
PXRMINDD	NEW	11714679	4
PXRMINDL	5778040	6807184	4
PXRMINDX	7264752	8253417	4
PXRMINQ	3801622	3803005	4
PXRMINTR	6539664	6810498	4
PXRMLAB	2663223	2727476	4
PXRMLCD	NEW	1322059	4
PXRMLCR	5807798	9508537	4
PXRMLHLP	8477139	7081315	4
PXRMLLED	1834632	1008511	4
PXRMLOCF	8197477	10959164	4
PXRMLOCL	3995943	5257090	4
PXRMLOG	9485328	9317083	4
PXRMLOGX	7320969	7276654	4
PXRMLPHS	2642626	1623584	4
PXRMLPOE	3890683	3986750	4
PXRMLPP	6183526	7030874	4

PXRMLPU	10568398	8225337	4
PXRMLRED	5175636	6816165	4
PXRMLRHL	4463027	2630778	4
PXRMLRM	5526353	6061822	4
PXRMMH	5594324	5621879	4
PXRMMHV	NEW	1483055	4
PXRMMST	10870143	10940305	4
PXRMOBJ	7485121	7396461	4
PXRMORDR	2851499	3327420	4
PXRMOUTC	8594597	9014746	4
PXRMOUTD	4185802	4519928	4
PXRMOUTM	8263598	9107169	4
PXRMP4EC	NEW	2695941	4
PXRMP4I	NEW	9210263	4
PXRMP4I1	NEW	18877712	4
PXRMP4IW	NEW	17299655	4
PXRMPARS	954442	945666	4
PXRMP CIN	229797	269531	4
PXRMPDEM	3377107	5063304	5,4
PXRMPDR	NEW	8939441	4
PXRMPDRP	NEW	11871695	4
PXRMPDRS	NEW	12480473	4
PXRMP LST	8325642	8354229	4
PXRMPROB	8662159	9027817	4
PXRMP TD1	2258782	2256294	4
PXRMP TD2	1989940	2005293	4
PXRMP TDF	11603033	11883939	4
PXRMP TL	6938461	7125978	4
PXRMP TTR	4866009	5063161	4
PXRMRAD	2614681	2626867	4
PXRMR CPT	5011168	5179224	4
PXRMR DI	NEW	4105300	4
PXRMR EDF	9647403	9927933	4
PXRMR EDT	4258462	5118135	4
PXRMR EV	3410409	3829164	4
PXRMR ST	NEW	1346275	4
PXRMR UL1	1983139	3471818	4
PXRMR ULE	11756944	12327240	4
PXRMR SPED	1683955	1654527	4
PXRMR STA1	11565022	13729690	4
PXRMR STA2	9356528	8109686	4
PXRMR STAT	1273172	1820529	4
PXRMR TAX	11404541	11537143	4
PXRMR TAXS	333726	358878	4
PXRMR TEDT	905297	995025	4
PXRMR TERM	14366039	15252255	4
PXRMR TIU	1741741	2618060	4

PXRMTMED	2459652	3081854	1, 4
PXRMUTIL	4444915	4451506	4
PXRMVALC	19671846	19058499	4
PXRMVCPT	6510942	6708714	4
PXRMVLST	8246696	8104214	4
PXRMVPOV	6703484	6738936	4
PXRMVSIT	2284586	3188596	4
PXRMXBSY	1858349	1749860	4
PXRMXD	12999365	12857184	4
PXRMXDT1	NEW	11559031	4
PXRMXDUT	6596238	8732290	4
PXRMXEVL	NEW	1309135	4
PXRMXGPR	12768077	17663739	4
PXRMXGUT	984542	1106078	4
PXRMXPR	12405702	11458283	4
PXRMXPR1	NEW	5472054	4
PXRMXQUE	2000527	4475117	4
PXRMXSC	1947304	2468232	4
PXRMXSD	6093026	6154428	4
PXRMXSE1	NEW	10087462	4
PXRMXSL1	NEW	16098384	4
PXRMXSL2	NEW	11079623	4
PXRMXSU	9125094	9421935	4
PXRMXT	5510079	5442329	4
PXRMXTA	12006942	10320330	4
PXRMXTD	3650723	3653740	4
PXRMXTE	NEW	4784583	4
PXRMXTU	5489069	5450645	4
PXRMXX1	8898269	8652287	4

Appendix C: Build File Print

PACKAGE: PXRMP*2.0*4 Oct 17, 2006 12:41 pm PAGE 1

 TYPE: SINGLE PACKAGE
 TRACK NATIONALLY: YES
 NATIONAL PACKAGE: CLINICAL REMINDERS
 DESCRIPTION:
 Removal of old-style MRD and bug fixes.

ENVIRONMENT CHECK : PXRMP4EC DELETE ENV ROUTINE: No
 PRE-INIT ROUTINE : PRE^PXRMP4I DELETE PRE-INIT ROUTINE: No
 POST-INIT ROUTINE : POST^PXRMP4I DELETE POST-INIT ROUTINE: No
 PRE-TRANSPORT RTN :

FILE #	NAME	UP DATE DD	SEND SEC. CODE	DATA COMES W/FILE	SITE DATA	RSLV PTS	USER OVER RIDE
800	CLINICAL REMINDER PARAMETERS	YES	YES	NO			
801.41	REMINDER DIALOG	YES	YES	NO			
801.5	REMINDER DIALOG PATIENT ASSOCIATION	YES	YES	YES	NO		
801.55	REMINDER GEC DIALOG ASSOCIATION HISTORY	YES	YES	YES	NO		
802.4	REMINDER FUNCTION FINDING FUNCTIONS DATA SCREEN: I Y>0		YES	YES	YES	OVER	YES NO
810.1	REMINDER REPORT TEMPLATE	YES	YES	NO			
810.2	REMINDER EXTRACT DEFINITION	YES	YES	NO			
810.3	REMINDER EXTRACT SUMMARY	YES	YES	NO			
810.4	REMINDER LIST RULE	YES	YES	NO			
810.5	REMINDER PATIENT LIST	YES	YES	NO			
810.7	REMINDER EXTRACT COUNTING RULE	YES	YES	NO			
810.8	REMINDER COUNTING GROUP	YES	YES	NO			
810.9	REMINDER LOCATION LIST DATA SCREEN: I Y=20	YES	YES	YES	OVER	NO	NO
811.4	REMINDER COMPUTED FINDINGS DATA SCREEN: I \$\$CFTINC^PXRMP4I(Y)	YES	YES	YES	OVER	NO	NO
811.5	REMINDER TERM DATA SCREEN: I Y=610	YES	YES	YES	OVER	NO	NO
811.8	REMINDER EXCHANGE DATA SCREEN: I \$\$EXFINC^PXRMP4I(Y)	NO	YES	YES	OVER	NO	NO

811.9 REMINDER DEFINITION YES YES NO

PRINT TEMPLATE:

PXRM EXTRACT COUNTING	FILE #810.7	SEND TO SITE
PXRM EXTRACT COUNTING GROUP	FILE #810.8	SEND TO SITE
PXRM EXTRACT DEFINITION	FILE #810.2	SEND TO SITE
PXRM EXTRACT FINDING	FILE #810.7	DELETE AT SITE
PXRM EXTRACT FINDING GROUP	FILE #810.8	DELETE AT SITE
PXRM EXTRACT PARAMETER	FILE #810.2	DELETE AT SITE
PXRM LOCATION LIST INQUIRY	FILE #810.9	SEND TO SITE
PXRM LOCATION LIST LIST	FILE #810.9	SEND TO SITE
PXRM PATIENT LIST RULE	FILE #810.4	SEND TO SITE
PXRM REMINDER RULE	FILE #810.4	SEND TO SITE
PXRM RULE SET	FILE #810.4	SEND TO SITE
PXRM SPONSOR INQUIRY	FILE #811.6	SEND TO SITE

INPUT TEMPLATE:

PXRM EDIT PATIENT LIST RULE	FILE #810.4	SEND TO SITE
PXRM EDIT REMINDER RULE	FILE #810.4	SEND TO SITE
PXRM EDIT RULE SET	FILE #810.4	SEND TO SITE
PXRM EXTRACT COUNTING	FILE #810.7	SEND TO SITE
PXRM EXTRACT COUNTING GROUP	FILE #810.8	SEND TO SITE
PXRM EXTRACT DEFINITION	FILE #810.2	SEND TO SITE
PXRM EXTRACT FINDING GROUP	FILE #810.8	DELETE AT SITE
PXRM EXTRACT FINDINGS	FILE #810.7	DELETE AT SITE
PXRM EXTRACT PARAMETERS	FILE #810.2	DELETE AT SITE

MAIL GROUP:

GEC2 NATIONAL ROLLUP	SEND TO SITE
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ROUTINE:

PXRM	SEND TO SITE
PXRM7API	SEND TO SITE
PXRMAGE	SEND TO SITE
PXRMCDEF	SEND TO SITE
PXRMC DUE	SEND TO SITE
PXRMCWH	SEND TO SITE
PXRMDATA	SEND TO SITE
PXRMDATE	SEND TO SITE
PXRMDCPY	SEND TO SITE
PXRMDEDI	SEND TO SITE
PXRMD EDT	SEND TO SITE
PXRMD EV	SEND TO SITE
PXRMD GEN	SEND TO SITE
PXRMD GPT	SEND TO SITE
PXRMD IN	SEND TO SITE
PXRMD ISC	SEND TO SITE
PXRMD LG4	SEND TO SITE
PXRMD LG5	SEND TO SITE
PXRMD LGZ	SEND TO SITE
PXRMD NVA	SEND TO SITE
PXRMD OUT	SEND TO SITE
PXRMD RCL	SEND TO SITE
PXRMD RGR	SEND TO SITE
PXRMD RUG	SEND TO SITE
PXRME FED	SEND TO SITE
PXRME FM	SEND TO SITE
PXRME GED	SEND TO SITE
PXRME GM	SEND TO SITE
PXRME HLP	SEND TO SITE
PXRME NOD	SEND TO SITE
PXRME PED	SEND TO SITE

PXRMEPM	SEND TO SITE
PXRMERRH	SEND TO SITE
PXRMETH	SEND TO SITE
PXRMETH1	SEND TO SITE
PXRMETHL	SEND TO SITE
PXRMETM	SEND TO SITE
PXRMETT	SEND TO SITE
PXRMETX	SEND TO SITE
PXRMETXR	SEND TO SITE
PXRMETXU	SEND TO SITE
PXRMEUT	SEND TO SITE
PXRMEUT1	SEND TO SITE
PXRMEXIU	SEND TO SITE
PXRMEXLC	SEND TO SITE
PXRMEXLD	SEND TO SITE
PXRMEXU0	SEND TO SITE
PXRMPFF	SEND TO SITE
PXRMPFF0	SEND TO SITE
PXRMPFFAT	SEND TO SITE
PXRMPFFDB	SEND TO SITE
PXRMPFNFT	SEND TO SITE
PXRMG2E1	SEND TO SITE
PXRMG2E2	SEND TO SITE
PXRMG2E4	SEND TO SITE
PXRMG2M1	SEND TO SITE
PXRMG2R1	SEND TO SITE
PXRMGECJ	SEND TO SITE
PXRMGECK	SEND TO SITE
PXRMGECL	SEND TO SITE
PXRMGECM	SEND TO SITE
PXRMGECP	SEND TO SITE
PXRMGECQ	SEND TO SITE
PXRMGECR	SEND TO SITE
PXRMGEC S	SEND TO SITE
PXRMGECT	SEND TO SITE
PXRMGECU	SEND TO SITE
PXRMGECV	SEND TO SITE
PXRMGECZ	SEND TO SITE
PXRMINDC	SEND TO SITE
PXRMINDD	SEND TO SITE
PXRMINDL	SEND TO SITE
PXRMINDX	SEND TO SITE
PXRMINQ	SEND TO SITE
PXRMINTR	SEND TO SITE
PXRMLAB	SEND TO SITE
PXRMLCD	SEND TO SITE
PXRMLCR	SEND TO SITE
PXRMLHLP	SEND TO SITE
PXRMLLED	SEND TO SITE
PXRMLOCF	SEND TO SITE
PXRMLOCL	SEND TO SITE
PXRMLOG	SEND TO SITE
PXRMLOGF	DELETE AT SITE
PXRMLOGX	SEND TO SITE
PXRMLPHS	SEND TO SITE
PXRMLPM	DELETE AT SITE
PXRMLPOE	SEND TO SITE
PXRMLPP	SEND TO SITE
PXRMLPU	SEND TO SITE
PXRMLRED	SEND TO SITE
PXRMLRHL	SEND TO SITE
PXRMLRM	SEND TO SITE
PXRMMH	SEND TO SITE

PXRMMHV	SEND TO SITE
PXRMMST	SEND TO SITE
PXRMOBJ	SEND TO SITE
PXRMORDR	SEND TO SITE
PXRMOUTC	SEND TO SITE
PXRMOUTD	SEND TO SITE
PXRMOUTM	SEND TO SITE
PXRMP18E	DELETE AT SITE
PXRMP18I	DELETE AT SITE
PXRMP4I1	SEND TO SITE
PXRMP4IW	SEND TO SITE
PXRMPARS	SEND TO SITE
PXRMP CIN	SEND TO SITE
PXRMPD	DELETE AT SITE
PXRMPD1	DELETE AT SITE
PXRMPDEM	SEND TO SITE
PXRMPDR	SEND TO SITE
PXRMPDRP	SEND TO SITE
PXRMPDRS	SEND TO SITE
PXRMP LST	SEND TO SITE
PXRMPROB	SEND TO SITE
PXRMP TD1	SEND TO SITE
PXRMP TD2	SEND TO SITE
PXRMP TDF	SEND TO SITE
PXRMP TL	SEND TO SITE
PXRMP TTR	SEND TO SITE
PXRMRAD	SEND TO SITE
PXRMR CPT	SEND TO SITE
PXRMRDI	SEND TO SITE
PXRMR EDF	SEND TO SITE
PXRMR EDT	SEND TO SITE
PXRMR EV	SEND TO SITE
PXRMR ST	SEND TO SITE
PXRMR UL1	SEND TO SITE
PXRMRULE	SEND TO SITE
PXRMRSPED	SEND TO SITE
PXRMR STA1	SEND TO SITE
PXRMR STA2	SEND TO SITE
PXRMR STAT	SEND TO SITE
PXRMTAX	SEND TO SITE
PXRMTAXS	SEND TO SITE
PXRMTEDT	SEND TO SITE
PXRMTERM	SEND TO SITE
PXRMTIU	SEND TO SITE
PXRMTMED	SEND TO SITE
PXRMTIL	SEND TO SITE
PXRMV ALC	SEND TO SITE
PXRMV CPT	SEND TO SITE
PXRMV LST	SEND TO SITE
PXRMVPOV	SEND TO SITE
PXRMV SIT	SEND TO SITE
PXRMXBSY	SEND TO SITE
PXRMXD	SEND TO SITE
PXRMXDET	DELETE AT SITE
PXRMXDT1	SEND TO SITE
PXRMXDUT	SEND TO SITE
PXRMXEVL	SEND TO SITE
PXRMXGPR	SEND TO SITE
PXRMXGUT	SEND TO SITE
PXRMXPR	SEND TO SITE
PXRMXPR1	SEND TO SITE
PXRMXQUE	SEND TO SITE
PXRMXSC	SEND TO SITE

PXRMXSD	SEND TO SITE
PXRMXSE	DELETE AT SITE
PXRMXSE1	SEND TO SITE
PXRMXSEL	DELETE AT SITE
PXRMXSEO	DELETE AT SITE
PXRMXSL1	SEND TO SITE
PXRMXSL2	SEND TO SITE
PXRMXSU	SEND TO SITE
PXRMXT	SEND TO SITE
PXRMXTA	SEND TO SITE
PXRMXTD	SEND TO SITE
PXRMXTE	SEND TO SITE
PXRMXTU	SEND TO SITE
PXRMXX1	SEND TO SITE

OPTION:

PXRM COMPUTED FINDING EDIT	SEND TO SITE
PXRM EXTRACT COUNTING GROUPS	SEND TO SITE
PXRM EXTRACT COUNTING RULES	SEND TO SITE
PXRM EXTRACT DEFINITION	SEND TO SITE
PXRM EXTRACT MANAGEMENT	SEND TO SITE
PXRM EXTRACT MENU	SEND TO SITE
PXRM EXTRACT PATIENT LIST	SEND TO SITE
PXRM GEC DEBUG REPORTS	SEND TO SITE
PXRM GEC DEGUG REPORTS	DELETE AT SITE
PXRM GEC2 QUARTERLY ROLLUP	SEND TO SITE
PXRM LIST RULE MANAGEMENT	SEND TO SITE
PXRM LOCATION LIST EDIT	SEND TO SITE
PXRM LOCATION LIST INQUIRY	SEND TO SITE
PXRM REMINDER REPORTS	USE AS LINK FOR MENU ITEMS
PXRM REMINDERS DUE	SEND TO SITE
PXRM REMINDERS DUE NEW	DELETE AT SITE
PXRM REVIEW DATES	SEND TO SITE
PXRM SPONSOR EDIT	SEND TO SITE
PXRM TAXONOMY EDIT	SEND TO SITE
PXRM TERM EDIT	SEND TO SITE

SECURITY KEY:

PXRM MANAGER	SEND TO SITE
--------------	--------------

PROTOCOL:

PXRM EXTRACT COUNTING GROUP CREATE	SEND TO SITE
PXRM EXTRACT COUNTING GROUP DISPLAY MENU	SEND TO SITE
PXRM EXTRACT COUNTING GROUP DISPLAY/EDIT	SEND TO SITE
PXRM EXTRACT COUNTING GROUP EDIT	SEND TO SITE
PXRM EXTRACT COUNTING GROUP EXIT	SEND TO SITE
PXRM EXTRACT COUNTING GROUP MENU	SEND TO SITE
PXRM EXTRACT COUNTING GROUP SELECT ENTRY	SEND TO SITE
PXRM EXTRACT COUNTING GROUPS	SEND TO SITE
PXRM EXTRACT COUNTING RULE CREATE	SEND TO SITE
PXRM EXTRACT COUNTING RULE DISPLAY MENU	SEND TO SITE
PXRM EXTRACT COUNTING RULE DISPLAY/EDIT	SEND TO SITE
PXRM EXTRACT COUNTING RULE EDIT	SEND TO SITE
PXRM EXTRACT COUNTING RULE EXIT	SEND TO SITE
PXRM EXTRACT COUNTING RULE MENU	SEND TO SITE
PXRM EXTRACT COUNTING RULE SELECT ENTRY	SEND TO SITE
PXRM EXTRACT DEFINITION CREATE	SEND TO SITE
PXRM EXTRACT DEFINITION DISPLAY MENU	SEND TO SITE
PXRM EXTRACT DEFINITION DISPLAY/EDIT	SEND TO SITE
PXRM EXTRACT DEFINITION EDIT	SEND TO SITE
PXRM EXTRACT DEFINITION EXIT	SEND TO SITE
PXRM EXTRACT DEFINITION MANAGEMENT	SEND TO SITE
PXRM EXTRACT DEFINITION MENU	SEND TO SITE

PXRM EXTRACT DEFINITION SELECT ENTRY	SEND TO SITE
PXRM EXTRACT MANAGEMENT EXIT	SEND TO SITE
PXRM EXTRACT MANAGEMENT MENU	SEND TO SITE
PXRM EXTRACT PATIENT LIST	SEND TO SITE
PXRM EXTRACT SUMMARY EXIT	SEND TO SITE
PXRM EXTRACT SUMMARY FINDING TOTALS	SEND TO SITE
PXRM EXTRACT SUMMARY MENU	SEND TO SITE
PXRM EXTRACT SUMMARY PAT TOTALS	DELETE AT SITE
PXRM EXTRACT VIEW/SCHEDULE	SEND TO SITE
PXRM LIST RULE CHANGE VIEW	SEND TO SITE
PXRM LIST RULE CREATE	SEND TO SITE
PXRM LIST RULE DISPLAY/EDIT	SEND TO SITE
PXRM LIST RULE EXIT	SEND TO SITE
PXRM LIST RULE MENU	SEND TO SITE
PXRM PATIENT LIST AUTH USER	SEND TO SITE
PXRM PATIENT LIST CHANGE VIEW	SEND TO SITE
PXRM PATIENT LIST CREATE	SEND TO SITE
PXRM PATIENT LIST CREATION DOC	SEND TO SITE
PXRM PATIENT LIST DELETE	SEND TO SITE
PXRM PATIENT LIST DEMOGRAPHIC	SEND TO SITE
PXRM PATIENT LIST DISPLAY	SEND TO SITE
PXRM PATIENT LIST EDIT	SEND TO SITE
PXRM PATIENT LIST EXIT	SEND TO SITE
PXRM PATIENT LIST HEALTH SUMMARY (ALL)	SEND TO SITE
PXRM PATIENT LIST HEALTH SUMMARY (INDIVIDUAL)	SEND TO SITE
PXRM PATIENT LIST MENU	USE AS LINK FOR MENU ITEMS
PXRM PATIENT LIST OE/RR	SEND TO SITE
PXRM PATIENT LIST PATIENTS MENU	USE AS LINK FOR MENU ITEMS
PXRM PATIENT LIST RULES	SEND TO SITE
PXRM PATIENT LIST USER	SEND TO SITE
PXRM PATIENT LIST USER COPY	SEND TO SITE
PXRM PATIENT LIST USER CREATE	SEND TO SITE
PXRM PATIENT LIST VIEW	SEND TO SITE
PXRM RECEIVE HL7	DELETE AT SITE
PXRM RULE SET TEST	SEND TO SITE
PXRM7 RECO SERVER	SEND TO SITE
PXRM7 RECO SUBSCRIBER	SEND TO SITE
LIST TEMPLATE:	
PXRM EXTRACT COUNT RULE EDIT	SEND TO SITE
PXRM EXTRACT COUNTING GROUPS	SEND TO SITE
PXRM EXTRACT COUNTING GRP EDIT	SEND TO SITE
PXRM EXTRACT COUNTING RULES	SEND TO SITE
PXRM EXTRACT DEF DISPLAY	SEND TO SITE
PXRM EXTRACT DEFINITION EDIT	SEND TO SITE
PXRM EXTRACT DEFINITIONS	SEND TO SITE
PXRM EXTRACT HELP	SEND TO SITE
PXRM EXTRACT HISTORY	SEND TO SITE
PXRM EXTRACT MANAGEMENT	SEND TO SITE
PXRM EXTRACT SUMMARY	SEND TO SITE
PXRM EXTRACT TRANSMISSIONS	SEND TO SITE
PXRM LIST RULE MANAGEMENT	SEND TO SITE
PXRM PATIENT LIST	DELETE AT SITE
PXRM PATIENT LIST CREATION DOC	SEND TO SITE
PXRM PATIENT LIST PATIENTS	SEND TO SITE
PXRM PATIENT LIST USER	SEND TO SITE
PXRM RULE SET TEST	SEND TO SITE
REQUIRED BUILDS:	ACTION:
PXRM*2.0*5	Don't install, leave global