

Enterprise Health Management Platform (eHMP)

**Version 1.2.14 Release Notes
(Release of eHMP UI v1.2.5)**



Department of Veterans Affairs

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Version 1.2

Revision History

Date	Version	Description	Author
08/27/2016	1.2	Updated field number references.	ASM Research
08/25/2016	1.1	Reclassified as 1.2.14	ASM Research
08/17/2016	1.0	Updated to document eHMP v1.2.13.	ASM Research

Deliverable (Product) Version History

VDD Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.14	eHMP UI 1.2.5	1-Aug-16	1.2.5.77365	HMP 2.0*1 T4	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.13	HMP*2.0*1	25-Jul-16	1.2.4.70681	HMP 2.0*1 T4	HMP*2.0 (HMP_2-0_20160223-02.KID) PSB*3.0*94 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.12	PSB*3.0*94	10-May-16	1.2.4.70681	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PSB*3.0*94 T6 (PSB3_0P94T6.KID) PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.11	eHMP UI 1.2.4	06-Apr-16	1.2.4.70681	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)
1.2.10	eHMP UI 1.2.3	17-Mar-16	1.2.3.64914	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID)

VDD Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.9	HMP*2.0 PRB 2.9	04-Mar-16	1.2.2.49391	HMP*2.0 v6.1.7 (HMP_2-0_20160223-02.KID)	PRB 2.9 (HMP_PREREQ_BUNDLE_2-0_V2-9.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.8	HMP*2.0	17-Feb-16	1.2.2.49391	HMP*2.0 v6.1.6 (HMP_2-0_20160217-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.7	HMP*2.0	11-Feb-16	1.2.2.49391	HMP*2.0 v6.1.5 (HMP_2-0_20160201-02.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.6	HMP*2.0	27-Jan-16	1.2.2.49391	HMP*2.0 v6.1.4 (HMP_2-0_20160122-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID)
1.2.5	PRB 2.8	09-Jan-16	1.2.2.49391	HMP*2.0 v6.1.3 (HMP_2-0_20151030-01.KID)	PRB 2.8 (HMP_PREREQ_BUNDLE_2-0_V2-8.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.4	HMP*2.0	30-Dec-15	1.2.2.49391	HMP*2.0 v6.1.3 (HMP_2-0_20151030-01.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID)

VDD Revision	Release Description	Date	eHMP User Interface (UI)	Health Management Platform (HMP) Patch	Pre-Requisite Patches
1.2.3	eHMP UI 1.2.2	17-Nov-15	1.2.2.49391	HMP*2.0 v6.1.2.J (HMP_2-0_20150910-04.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID)
1.2.2	eHMP UI 1.2.1 HMP*2.0 PRB 2.4	14-Oct-15	1.2.1.47792	HMP*2.0 v6.1.2.J (HMP_2-0_20150910-04.KID)	PRB 2.4 (HMP_PREREQ_BUNDLE_2-0_V2-4.KID) (GMRC*3.0*80 MD*1.0*38 PSB*3.0*79 OR*3.0*390 TIU*1.0*106 TIU*1.0*298 USR*1.0*37)
1.2.1	HMP*2.0	22-Aug-15	N/A	HMP*2.0 v6.1	N/A

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1. Introduction

The Enterprise Health Management Platform (eHMP) project is a multi-year effort to evolve a modern, service-oriented platform which provides a web-based user interface (UI), clinical data services, and assembles patient clinical data from federated Veterans Health Information Systems and Technology Architecture (VistA) repositories, Department of Defense (DoD), and private partner data sources, reflective of each location providing care to the patient. This federated data is aggregated into an enterprise patient record. eHMP service components will span all application layers, including presentation, business and core services, and data access.

Release 1.1 was the first step in the plan to eventually replace the Computerized Patient Record System (CPRS) as the Department of Veterans Affairs (VA's) primary point of care application, and was the initial platform product supporting a web-based UI.

Release 1.2 introduces critical viewer edition enhancements to provide new capabilities to the VA beyond what is available today via CPRS, Joint Legacy Viewer (JLV), and VistAWeb. The system provides enhanced presentations of clinical data that range from trend views that provide a quick snapshot of easily understandable data, to detailed views that provide the user with a full range of options for examining longitudinal patient medical records. Users are able to configure these views into a limitless number of custom workspaces in order to support a variety of clinical workflows. There are multiple pre-configured workspaces available to the user, which are filtered for specific conditions. The workspaces provide the appropriate clinical information for a selected condition (e.g., COPD, Diabetes). Further enhancements included adding the Military History applet, improved text search across the entire patient record, and more extensive online help utilizing an expanded User Guide.

1.1. Purpose

These release notes pull together the approved Change Requests (CRs), feature and/or user story updates, and closed and known defects associated with a release.

This version of the release notes covers the release of eHMP Version 1.2.14 that incorporates the release of eHMP UI 1.2.5.

1.2. Scope

These release notes associated with eHMP Release Version 1.2.14 are the first notes for this release.

2. Release Method

Release execution is dependent upon the type of code released. These consolidated release notes will cover both VistA (Kernel Installation and Distribution System (KIDS)) and eHMP User Interface (web-based) releases, as both comprise the totality of eHMP as an application. Releases will occur first in Pre-production/Test accounts and then in Production.

The rollout strategy for both types of code depends upon the complexity of the release. Complex releases will be executed as a controlled release by wave, while more routine releases will be executed simultaneously nation-wide, following the standard national patch release process.

VistA releases will occur via FORUM and eHMP User Interface releases will be executed by the Release Team installing eHMP code into the Austin Information Technology Center (AITC) accounts. Following successful deployment to AITC, the Release Team will install the same version into the Philadelphia Information Technology Center (PITC) Production account for a warm-based failover contingency.

3. Installation Requirements

3.1. Prerequisites for Installation

Sites up to date with nationally released patches installed. There are no other preconditions to install the PREREQUISITE BUNDLE. The bundle is, of course, the prerequisite to installing the HMP patch and PSB*3.0*94. The recommended sequence for installation is the prerequisite bundle, HMP patch, PSB*3.0*94.

3.2. Needed DLLs

Not applicable to eHMP.

3.3. M Triggers

Appendix 1 lists a description of triggers/events that impact eHMP.

3.4. Files

Appendix 2 provides a list of new/modified VA FileMan files that are exported with eHMP KIDS patches.

3.5. Approved Integration Control Registrations

Appendix 3 provides the eHMP Integration Control Registrations (ICRs).

3.6. New Parameters

Appendix 4 provides a list of new parameters for eHMP VistA, exported using the Kernel Parameters File. There are no new parameters for the eHMP UI.

3.7. Operational Data Sync and Patient Data Sync

In the current eHMP system, all operational data from the primary VistA site must be complete before any patient sync can occur. The approach for handling operational data in VX-Sync, however, must eliminate blocking where possible, avoid bottlenecks, and contribute to the overall scalability of the system.

Implementation Strategy for VX-Sync

Operational Data Subscription Handler - The purpose of the Operational Data Subscription Handler is simply to initiate the operational data sync. It will accept an operational subscription job which contains a list of sites to subscribe for operational data. For each site in the given list, it will send out the appropriate RPC call so that the site will begin staging and sending operational data.

Integration of metastamps - Metastamps will be applied to operational data up to the "source" layer so that the system can keep track of the progress of the initial operational data sync per site. An operational data metastamp is used simply to ensure that all the operational data from a site is received during the initial sync with that site. Operational data does not have a last edit time to be used for the meta-stamp. Therefore, the operational data meta-stamp will be produced using the request time instead, similar to secondary site data.

Operational data pathway (Store Operational Data Handler and additions to Vista Site Data Poller) - Data sent by the Vista systems will be received by the Vista Site Data Pollers. The Data Pollers will receive both operational and patient data from the primary sources; however, it is not appropriate for operational data to be sent to the Record Enrichment Handler. Therefore, the Vista-Record-Processor determines which type of data it receives and subsequently send that data on the appropriate pathway. If the handler receives operational data, it will send it to a Store Operational Data Handler. The Store Operational Data Handler, of course, will send the operational data to JDS to be stored in the appropriate section of JDS.

Determining when a site is ready to sync patients - The Sync Rules Engine includes rules to make sure that a primary site is not synchronized until its operational data has been successfully loaded.

4. Known Issues

4.1. Known Patient Safety Issues

There are no registered patient safety issues addressed in this version of eHMP.

4.2. Other Known Issues

At the time of this writing, all known issues are listed in Table 4-1.

Table 4-1 Other Known Issues

Other Known Issues			
ID	Name	Opened Date	Severity
DE2369	Missing freshness update for demographic information	09/15/2015	2-High
DE2956	Conditions-Horizontal scroll thumb missing in conditions details form	10/27/2015	5-Cosmetic
DE2957	Numeric Lab Results: Dates in graphs overlap in detail view	02/16/2016	3-Medium
DE3057	Visit date showing up as 'Invalid Date' on patient select page	11/10/2015	4-Low
DE3222	502 errors as pertaining to user message Server Error: The server encountered a temporary error and could not complete your request during RC13 Testing/Gating in VA IT 12/8/2015	12/10/2015	3-Medium
DE3315	Badge "counter" doesn't match # records in Labs Details view	12/17/2015	3-Medium
DE3395	Test Audit - PSI 10.A User Stories	01/06/2016	4-Low
DE3400	Test Audit - PSI 10.A User Stories	01/06/2016	4-Low
DE3409	MAXSTRING at STRING+7^HMPD in Portland Production	01/06/2016	3-Medium
DE3430	GDT: Sparkline is visible but no records found (BAD test Data)	01/07/2016	3-Medium
DE3463	Test Audit - PSI 10.B User Stories	01/12/2016	4-Low
DE3600	Test Audit - PSI 10.C Defects	01/26/2016	4-Low
DE3602	Test Audit - PSI 10.C Defects	01/26/2016	4-Low
DE3742	Search has a synonym of g for the search term glucose	02/09/2016	4-Low

Other Known Issues			
ID	Name	Opened Date	Severity
DE3820	Remove line tag NAME in routine HMPDJ04E	02/18/2016	4-Low
DE3824	Pre-Prod_Workspace 'Author' Field is Not Displaying Correctly	02/19/2016	4-Low
DE3851	RDK: Change artifact from zip to tar	02/22/2016	4-Low
DE3883	R1.2/R2.0: Narrative Text modified in Vista on Patient Flags not appearing in eHMP-UI	02/24/2016	2-High
DE3944	Procedures (Surgery/SR) and their result documents do not trigger a freshness update	02/29/2016	2-High
DE3996	HMP_2-0_Data Dictionary approval for HMP Subscription File (#800000)	03/03/2016	3-Medium
DE4024	Allergy and Orders applet summary detail view not working	03/07/2016	4-Low
DE4053	IV Medication Status does not accurately reflect status within the A&R and Meds Review Applets	03/10/2016	2-High
DE4073	SDD Review: KIDS 6-1-7	03/11/2016	3-Medium
DE4130	Depression/Hypertension/Pre-Procedure CBWs - Numeric Lab Results applet: "Count" listed twice in filter container	03/16/2016	5-Cosmetic
DE4167	Pre-defined filters in CBWs: Numeric Lab Results applet in the Hypertension CBW displaying incorrect records	03/22/2016	3-Medium
DE4170	Workspace Editor: "Select A View" pop-up gets partially obscured by other applets	03/22/2016	4-Low
DE4173	Reports- Note text in reports is missing from the report in eHMP	03/29/2016	1-Critical
DE4198	ICR 2048 Remediation - HMP should use the VPR 1.5+ improvements to use ENCEVENT^P XKENC	03/24/2016	3-Medium
DE4210	VA-309 - MUMPS Error at sign in	03/25/2016	3-Medium
DE4214	HMPUPD and HMP PUT DEMOGRAPHICS are unused and need to be removed	03/25/2016	4-Low
DE4264	ICR 2686 - OE/RR direct reference to XTV(8989.5	03/31/2016	4-Low
DE4314	Narrative Lab Results (all views): incorrect tooltips	04/05/2016	5-Cosmetic
DE4382	ICR 6395 - HMP READ ACCESS TO PS(55	04/11/2016	4-Low
DE4384	ICR 6277 - HMP ACCESS TO the MH Questions file (#601.72)	04/11/2016	4-Low
DE4412	VA-336 - The partial workspace error is back	04/13/2016	2-High

Other Known Issues			
ID	Name	Opened Date	Severity
DE4474	GETKEYS^HMPCRPC1 does not handle broken key pointers or delegated keys	04/19/2016	3-Medium
DE4486	Test Audit - PSI 11.A User Stories	04/19/2016	4-Low
DE4487	Procedures (Clinical Procedures) and their result documents do not trigger a freshness update	04/20/2016	1-Critical
DE4488	ICR 6369 - Accessing the MEDICATION ROUTES File (#51.2) using direct global reads	04/20/2016	4-Low
DE4496	Patient loop exits prematurely during Operational Data Synch if DFN is less than zero. (pt-select domain)	04/20/2016	2-High
DE4547	Site hash algorithm produces collisions on production sites	04/25/2016	2-High
DE4611	checkHealth does not included commas between list elements	04/28/2016	3-Medium
DE4630	GDT: After selecting dates, cannot select enter to exit date fields	06/02/2016	4-Low
DE4777	Undefined Error in DC Production	05/11/2016	4-Low
DE4827	1.2 - Cosmetic: UDW : Scrollbar is not Moving all the way right in UDW	05/17/2016	3-Medium
DE4833	deprecate HMP LOCAL GETCORRESPONDINGIDS	05/17/2016	3-Medium
DE4864	VA-354 - Patient Selection - An error has occurred	05/18/2016	1-Critical
DE5033	Replace calls to the CODEC^ICDCODE API to use CODEC^ICDEX API	05/27/2016	3-Medium
DE5080	undefined error during ODS in orderable items domain	06/01/2016	4-Low
DE5111	Undefined error retrieving child orders GET+8^ORQ12	06/03/2016	4-Low
DE5131	VA-379 - Strange Facility names in the eHMP Data Sources	06/06/2016	3-Medium
DE5139	undefined error in ORWPCE PCE4NOTE remote procedure (production)	06/06/2016	2-High
DE5153	VA-391 - Meds Review - An error has occurred	06/07/2016	1-Critical
DE5160	VA- 383/384 - Meds Review fields that are missing data/"No Data" label	06/07/2016	2-High
DE5163	VA-387 - Inpatient meds showing in error	06/07/2016	2-High
DE5189	SLA violation - resource server failed to retain 76 TPS	06/09/2016	1-Critical
DE5319	1.2 Cosmetic: Kodak: Scroll bar is displaying in "Audiology" quick look and unable to scroll to view	06/16/2016	5-Cosmetic

Other Known Issues			
ID	Name	Opened Date	Severity
	the facility which is being cut off		
DE5353	Text Search suggestions throwing 500 error	06/17/2016	3-Medium
DE5360	VA-421 'F281 Inpatient Immunizations Applet - Not able to ADD filter'	07/14/2016	4-Low
DE5364	Locations resource using own version of pt-select	06/17/2016	3-Medium
DE5368	Discontinuing Active meds displays the medication twice within the A&R applet (1.2 DIT)	06/17/2016	3-Medium
DE5369	Sync Adverse Reaction Assessment data to JDS	06/17/2016	3-Medium
DE5375	Vitals (Trend/Expanded/Maximized views): Only most recent BMI calculation is displayed when multiple height and/or weight entries are entered in the same day	06/20/2016	4-Low
DE5376	1.2 - Cosmetic: ETS_Patient Flag is Missing Scroll Bar	06/20/2016	3-Medium
DE5408	VA-382 - Meds Review data integrity issue (RDK/UI defect)	06/22/2016	1-Critical
DE5409	VA-382 - Meds Review data integrity issue (New Test Data Defect)	06/22/2016	3-Medium
DE5440	Military applet is missing the help icon in both environments 1.2 DIT and Combo	06/24/2016	3-Medium
DE5443	VA-431 Problems applet, detailed view does not have a field for ICD 10	06/24/2016	4-Low
DE5445	Search Records: Getting different search suggestions based on a Capital letter	06/24/2016	3-Medium
DE5451	GDF (Timeline Summary) is not displaying the last Date/Events in the timeline when loaded with (ALL-Range)Data	06/24/2016	5-Cosmetic
DE5465	1.2 - Cosmetic: Demographics and Primary Care header: arrow pointing in wrong direction	06/27/2016	4-Low
DE5528	Pre-defined filters in CBWs: predefined filters are missing from Hypertension, Depression and other predefined screens	07/06/2016	3-Medium
DE5549	Numeric Lab Result applet (Trend view) Dots disappearing after refreshing applet	07/07/2016	4-Low
DE5603	RDK log configuration - multiple issues	07/11/2016	3-Medium
DE5612	Performance (Numeric Lab Results/Orders applets): refresh triggered during infinite scrolling	07/11/2016	3-Medium
DE5632	Vitals Applet: Trend View data does not match after switching to expanded view and back to trend view	07/11/2016	3-Medium

Other Known Issues			
ID	Name	Opened Date	Severity
DE5667	ETS_eHMP Data Sources Modal displays last update as 411 years ago	07/13/2016	3-Medium
DE5674	VA-471 - Lab Error Upon Refresh Goes From Critical to Abnormal	07/13/2016	1-Critical
DE5701	VA-443 Patient Selection Bar Disappears (error with Vitals)	07/14/2016	3-Medium
DE5716	ETS: Quick Look tool- tip window displays if there is no dot within the orange diamond	07/14/2016	3-Medium
DE5717	Med Review filter doesn't persist in a CBW after maximizing	07/14/2016	4-Low
DE5718	No double arrows on the horizontal bar for CBWs	07/14/2016	4-Low
DE5719	VA-480 More Strange orders in the meds applets	07/14/2016	3-Medium
DE5720	No scroll bar on flags on a patients record	07/14/2016	4-Low
DE5724	Diabetes Mellitus renders slow in VA Performance environment	07/15/2016	3-Medium
DE5725	Meds Review renders slow in VA Performance environment	07/15/2016	3-Medium
DE5749	Update rdk log location in rakefile	07/18/2016	3-Medium
DE5776	VA-481 - Workspace Editor Naming Convention	07/19/2016	4-Low
DE5780	Test Patient 9E7A; 230 does not complete - It appears that no response is received from JMeadows. 1.2	07/19/2016	2-High
DE5793	ADT+20^HMPEHL7 Error during patient registration	07/19/2016	2-High
DE5806	HMP*2.0*2 DD Review	07/20/2016	3-Medium
DE5813	Production - Performance Lag loading applets	07/20/2016	2-High
DE5815	Production - 500 error displays within applets	07/20/2016	2-High
DE5819	HMP*2.0*2 T5 Issues	07/20/2016	2-High
DE5820	TypeError: "Unable to get property 'destroy' of undefined or null reference" Unable to load certain Patients	07/20/2016	4-Low
DE5854	Possible memory leak or garbage collection issue detected during endurance stress test against single RDK VM	07/21/2016	2-High
DE5875	Data sources on Footer are disappearing after data in applets is loaded	07/21/2016	3-Medium

Other Known Issues			
ID	Name	Opened Date	Severity
DE5880	SNOMED CT external site unreachable in VA environments	07/22/2016	3-Medium
DE5881	PEP Error Messages (1.2)	07/22/2016	3-Medium
DE5882	Patient Search Logs Missing Demographics As An Error	07/22/2016	3-Medium
DE5883	Numeric Lab Results: Lab Results are overlapping	07/22/2016	3-Medium
DE5884	Osyc is hardcoded to Vxsync Beanstalk instance	07/22/2016	4-Low
DE5885	Consult order form should not allow user to select 'blank' for Location For Consultation	07/22/2016	3-Medium
DE5886	R1.2 Documents Applet not displaying expected document types	07/22/2016	1-Critical

5. Included New Functionality and Defect Fixes

5.1. Included User Stories

User stories introduced in eHMP Release 1.2.14 are listed in Table 5-1.

Table 5-1 Incorporated User Stories

ID	Name	Opened Date	Test Method/Test Case Identifier
F674	JDS Restructuring to support Shard by Patient	08/04/2015	TC3776, TC3911, TC4071, TC4157, TC4341, TC4342, TC4397
US14229	Auto Add Primary Sites to HDR Black List	03/16/2016	TC4599, TC4601
US14494	Sync Reimplementation	04/05/2016	TC4782, TC4783
US14630	Implement new JDS Service to support VX-Sync Sync Status Optimizations	04/08/2016	TC4350, TC4352
US14652	Performance Enhancements: Enable RDK Persistent Connections	04/11/2016	TC4584
US14805	Canceling unneeded network calls from the front end	04/18/2016	N/A
US14992	Update Online Help Links with latest V1.2 Help Content	04/28/2016	N/A
US15101	Add filter to JDS/vpr/all/index/pid/pid endpoint	05/03/2016	TC4568, TC4569, TC4570, TC4571
US15127	Add additional fields to combined syncStatus	05/05/2016	TC4572, TC4573
US15617	Work with RDK team to determine best way to clean out old sessions from JDS and Implement	06/01/2016	TC3151, TC5132
US15748	RDK to ASU utilization optimization	06/07/2016	N/A
US15843	F1045: Backport Patient Select Screen Formatting Changes from r2.0 into r1.2	06/15/2016	TC5152

5.2. Fixed Defects

Defects specifically resolved in Version 1.2.14 are listed in Table 5-2.

Table 5-2 Fixed Defects

ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
DE1862	Unvalidated data accepted directly from search UI	08/04/2015	3-Medium	TC4269
DE2383	Medication name is too big for Active Meds applet	09/16/2015	1-Critical	TC2880
DE3153	Wrong message is being printed for Crisis notes	11/30/2015	3-Medium	N/A
DE3184	Chief, MIS user class cannot view the text of unsigned addenda	12/07/2015	4-Low	N/A
DE3378	IOC Production - Record search does not return any results upon initial patient sync	01/04/2016	3-Medium	N/A
DE3511	Vitals Applet parses pain values incorrectly	01/15/2016	4-Low	TC5499
DE3536	eHMP UI: Active & Recent Meds Not Displaying Overlapping Active Orders	01/20/2016	1-Critical	TC4675
DE3562	Active and Recent Meds applet displaying some invalid dates	01/21/2016	2-High	TC4676
DE3568	1.2 eHMP UI: Active & Recent Meds Detail Form Data Overlapping	01/24/2016	4-Low	TC4345
DE3624	Search record data picker does not auto-close	01/27/2016	4-Low	TC4856
DE3647	Vitals and Stacked Graphs Applet: BMI details form modal - date order issue	01/29/2016	3-Medium	TC4605
DE3748	UI/Resource Server in R1.2 needs to send VX-Sync PID and not ICN	02/10/2016	2-High	TC3640, TC4299, TC4300, TC4301
DE3764	Unable to Remove Meds Review from Existing Workspace (MEDICATION_REVIEW_V2)	02/11/2016	4-Low	N/A
DE3800	CBWs and UDWs: visibility issue with applets at bottom of workspace	02/16/2016	3-Medium	TC3854 TC4077
DE3858	Clinical Reminders: When sorting by "Due Date", the dates are not sorting properly	02/23/2016	3-Medium	TC4904

ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
DE3915	The help icon is missing from the reports applet	02/25/2016	4-Low	TC5280
DE3921	Medication Review applet: when maximized, user-entered search term is removed when clicking filter icon	02/26/2016	5-Cosmetic	TC4677
DE3953	R1.2 ONLY - Multiple Patient Record Flags and only top one collapses when bar is clicked on	03/01/2016	4-Low	TC4939
DE3990	VA-301 Refill error on Med applet	03/03/2016	3-Medium	N/A
DE4004	1.2 ONLY eHMP UI: Meds Review Graph Reference Range Misaligned for Red Line	03/04/2016	3-Medium	TC4839
DE4008	1.2 eHMP UI: Clinical Reminders Rapidly Clicking On Items Sometimes Makes eHMP Unusable	03/04/2016	4-Low	TC4678
DE4011	Postings (Patient Flags): "Next Review Date" populated in CPRS, but not in eHMP	03/04/2016	2-High	TC5067
DE4080	Narrative Lab Results applet: incorrect default sort order	03/13/2016	3-Medium	TC5039
DE4054	Pre Prod_User Name is Displaying Incorrectly (Only Displaying First Name)	03/10/2016	3-Medium	TC4786
DE4109	Applet pushing other applets off-screen when expanded	03/15/2016	3-Medium	TC4607
DE4131	1.2 eHMP UI: Immunizations Duplicate Tiles After Clearing the Filters	03/16/2016	3-Medium	TC4486
DE4147	Vitals applet (Summary/Expanded/Maximized Views): InfoButton directs users to incorrect info	03/18/2016	3-Medium	TC5353
DE4150	Pre-Prod lag is causing Clinical Reminders Detail View to appear on Patient Selection Screen	03/18/2016	2-High	TC4355
DE4172	Timeline Workspace - performance issues	03/22/2016	3-Medium	N/A
DE4174	1.2 Help icon focus indicator and highlight overlapped by the search button	03/22/2016	5-Cosmetic	TC4661
DE4187	Applet moves when there is a selection anywhere in the applet	03/23/2016	3-Medium	TC4493
DE4216	VA-308- Session loss after successful logon	03/25/2016	2-High	TC4219
DE4252	Performance issue: patient with numerous records in "Documents" applet	03/30/2016	3-Medium	TC4893
DE4260	VA - 314 - Patient selection screen shifted to the left	03/30/2016	4-Low	TC4425

ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
DE4296	Tile sorting rows not draggable	04/04/2016	3-Medium	TC4483
DE4297	Add indexing to pJDS 'pidmeta' data store and change RDK code to use a range instead of filter parameter	04/04/2016	3-Medium	TC4047
DE4320	Filters: Numeric Lab Results Applet(trend view), not filtering by the word after a "-" dash	04/05/2016	2-High	TC4485
DE4329	VistaJS.authenticate logs a circular reference for invalid A/V codes	04/06/2016	4-Low	N/A
DE4352	VA-320 – Stacked Graphs take a really long time to load	04/07/2016	2-High	N/A
DE4377	VA-324 - Postings are not accurate for items (blank postings)	04/08/2016	4-Low	TC4679
DE4391	VA-323 - Meds review - word wrap the additives	04/11/2016	4-Low	TC4351
DE4394	VA-326 Active/Recent Meds - refills incorrect in trend view	04/11/2016	2-High	TC4618
DE4395	VA-327 -Meds review - refills wrong in the collapsed view	04/11/2016	2-High	TC4624
DE4413	VA-332 Medication Details view needs the facility name	04/13/2016	3-Medium	TC5123
DE4423	Missing JobStatus job type causes RDK crash	04/14/2016	2-High	N/A
DE4424	VA-337 - Medication details view - display an appropriate message for missing start date	04/14/2016	4-Low	TC5301
DE4425	VA-340 - Medication Details view-Use the same "No Data" label that is in the Order Number field in other fields with missing or null data	04/14/2016	5-Cosmetic	TC4894
DE4457	VA-322- Search for new allergies is not returning results (possible synch timing) OBE	04/18/2016	1-Critical	N/A
DE4473	ETS_Domain Data Status Bar does not Match Expanded eHMP Data Sources Status	04/19/2016	2-High	TC4384
DE4497	(1.2) vista-record-poller missing calls to send errors to JDS error storage	04/20/2016	4-Low	TC4383
DE4524	Numeric Lab Results: Flag icon does not consistently appear for records	04/22/2016	2-High	TC4492
DE4550	Internal IPs Disclosed in Public RDK API endpoint	04/25/2016	2-High	TC5196
DE4585	Add date comparison operators to JDS filters	04/27/2016	3-Medium	TC4604, TC4608

ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
DE4587	Military History Applet: Infobutton should not be available in quickmenu for a record	04/27/2016	4-Low	TC4695
DE4601	Deleting a pJDS data item that is indexed doesn't remove the indexed data	04/28/2016	3-Medium	TC4494, TC4495
DE4626	Using Known Vulnerable Components - Upgrade RDK handlebars and node-uuid	04/29/2016	3-Medium	N/A
DE4639	Procedure Reports and Documents - Missing Details (UI work/related to DE1977): 1.2 only	05/02/2016	2-High	TC4768, TC5106
DE4648	Unable to retrieve data stored with JPID;{JPID}	05/02/2016	2-High	TC4538, TC4539
DE4651	CCOW_eHMP Link Icon Disappears When Switching Patients via CPRS	05/02/2016	3-Medium	N/A
DE4683	VX-Sync Healthcheck Configuration uses "path" instead of "url"	05/04/2016	3-Medium	N/A
DE4687	RDK: Intermittent Stack Graph pick list failure	05/04/2016	4-Low	TC4506
DE4689	Problems Applet Not Un-Filtering when clearing the Search filter after Navigating to a different applet and returning	05/04/2016	3-Medium	TC5101
DE4705	1.2 Patient Demographic section, email address is not wrapping in email box	05/04/2016	5-Cosmetic	TC4663
DE4747	Blood Pressure Stacked Graph can't be removed	05/09/2016	3-Medium	N/A
DE4753	1.2 Online User Guide: link to PDF version is missing	05/09/2016	4-Low	TC4662
DE4755	Move Patient Selection endpoint from vx-sync to rdk	05/10/2016	2-High	TC4497, TC4577, TC4579
DE4768	GDS indexes don't survive Cache restarts	05/11/2016	3-Medium	TC4558, TC4559
DE4775	Documents applet: user can't open PDF documents. (blocked by authorization enhancements)(DE4774)	05/11/2016	2-High	TC5463
DE4796	User Log-In - performance	05/12/2016	3-Medium	TC4728
DE4818	Error storing to Solr - "multiple values encountered for non-multiValued field drug_class"	05/16/2016	2-High	N/A
DE4821	Remote postings (CWAD) are not displaying in 1.2 DIT	05/16/2016	2-High	N/A

ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
DE4830	Patient conflict when 2 primary pids are synced using doLoad endpoint simultaneously	05/17/2016	3-Medium	TC5231
DE4834	Security Manual Testing - HTTP Security Headers - Clickjacking & Others	05/17/2016	2-High	TC5341
DE4838	Un-synced patients in 1.2 DIT should display "syncing"	05/17/2016	3-Medium	TC4906, TC4907
DE4840	Information put into military history app disappears	05/17/2016	2-High	TC4756
DE4847	1.2 DIT: SSN masking issues	05/18/2016	3-Medium	TC4727
DE4890	Reset Sync causes pJDS data store indexes to disappear	05/20/2016	3-Medium	TC4740, TC4741
DE4896	Unable to Access Quick Menu in Allergies/Immunizations applet	05/22/2016	3-Medium	TC5122
DE4921	VX-Sync Log Files Are Duplicated	05/23/2016	3-Medium	TC5041, TC5221
DE4922	Facility Name should display on all Medication orders	05/23/2016	3-Medium	TC4958
DE4966	Operation data Re-sync Tool does not work on r1.2	05/24/2016	3-Medium	TC4914
DE4984	eHMP builds depend on HMP PATIENT SELECT	05/25/2016	1-Critical	TC4769
DE4994	Cannot open detail modal for Vitals applet from summary view. (r1.2)	05/25/2016	3-Medium	TC5099
DE5010	Numeric Lab Results details (Lab Test) not displaying toolbar menu	05/26/2016	3-Medium	TC4943
DE5011	Production_San Diego_Error Message is Misspelled	05/26/2016	5-Cosmetic	TC4777
DE5046	Meds Review applet, filter is not persisting	05/27/2016	3-Medium	TC5125
DE5075	Jobs incorrectly publishing to default tube 1.2	06/01/2016	2-High	TC4912
DE5103	VA-369 Lab site/specimen result	06/03/2016	1-Critical	N/A
DE5114	Full Name Patient Search Should Use Limit	06/03/2016	1-Critical	TC4962
DE5119	Prod_Military History is not Saving at Some Production Sites	06/06/2016	2-High	N/A
DE5120	VA-371- Multiple Errors for version 1.2.4.70681	06/06/2016	1-Critical	N/A
DE5149	pJDS indexes don't index when VX-Sync is deployed	06/07/2016	3-Medium	TC4910, TC4911
DE5150	Exclude all the integration test files from RDK while generating the eHMP production artifact	06/07/2016	2-High	N/A

ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
DE5182	Production incorrectly sending ODS sync request to sites on deploy	06/08/2016	1-Critical	TC4979
DE5187	VA-414 - Access control using VistA option HMP UI Context is not working	06/06/2016	1-Critical	TC5145
DE5188	Disable JDS Journal deletion cron job in production like environments	06/09/2016	1-Critical	N/A
DE5211	Access/Verify codes accessible via chrome dev tools	06/09/2016	1-Critical	TC5070
DE5278	app cache solution in 1.2 was not implemented in the right place	06/13/2016	2-High	N/A
DE5287	Procedure Document UID does not correspond to actual Document	06/14/2016	2-High	N/A
DE5292	User login credentials being logged into RDK log files at normal logLevel	06/14/2016	2-High	N/A
DE5299	Documents applet in expanded view shows as summary view expanded	06/14/2016	3-Medium	N/A
DE5316	Creating an Infusion Order prevents Active & Recent Applet Meds from loading in 1.2 DIT	06/15/2016	2-High	N/A
DE5325	Military History applet (1.2 DIT and 2.0 DIT): Summary/Expanded View incorrect when changing the applet view within a UDW	06/16/2016	4-Low	TC5144
DE5346	Meds Infusion (1.2 DIT) - Additives/Solutions are displaying incorrectly within the UI	06/16/2016	2-High	N/A
DE5353	Text Search suggestions throwing 500 error	06/17/2016	3-Medium	N/A
DE5362	VA-426 Failure to rejoin CCOW through eHMP	06/17/2016	2-High	TC5442
DE5365	VA-427 Rejoin Context button for CCOW missing intermittently from Patient Demographic Screen	06/17/2016	2-High	TC5443
DE5366	VA-428 Leave Context button for CCOW missing intermittently in eHMP	06/17/2016	2-High	TC5444
DE5390	VA-425 - F304 Vista Health Summaries - Unable to run report	06/20/2016	2-High	N/A
DE5435	VA-430- Allergies without a severity are displaying like they are severe	06/23/2016	1-Critical	TC5342
DE5460	Patient loading and syncing status no longer appears for CCOW	06/27/2016	2-High	TC5441
DE5532	RDK 1.2 Crashes With Missing cleanJDSPatientAttributes Function	07/06/2016	1-Critical	TC5351

5.3. Fixed VA Defects

VA reported defects specifically resolved in Version 1.2.14 are listed in Table 5-3.

Table 5-3 Fixed VA Defects

Fixed VA Defects					
VA ID	ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
VA-308	DE4216	VA-308- Session loss after successful logon	03/25/2016	2-High	TC4219
VA-314	DE4260	VA-314 - Patient selection screen shifted to the left	03/30/2016	4-Low	TC4425
VA-320	DE4352	VA-320 – Stacked Graphs take a really long time to load (eHMP UI)	04/07/2016	2-High	N/A
VA-323	DE4391	VA-323 - Meds review - word wrap the additives	04/11/2016	4-Low	TC4351
VA-326	DE4394	VA-326 Active/Recent Meds - refills incorrect in trend view	04/11/2016	2-High	TC4618
VA-327	DE4395	VA-327 -Meds review - refills wrong in the collapsed view	04/11/2016	2-High	TC4624
VA-340	DE4425	VA-340 - Medication Details view-Use the same "No Data" label that is in the Order Number field in other fields with missing or null data	04/14/2016	5-Cosmetic	TC4894
VA-369	DE5103	VA-369 Lab site/specimen result	06/03/2016	1-Critical	N/A
VA-370	DE5128	VA-370 - Missing data in eHMP	06/06/2016	1-Critical	N/A
VA-371	DE5120	VA-371- Multiple Errors for version 1.2.4.70681	06/06/2016	1-Critical	N/A
VA-414	DE5187	VA-414 - Access control using VistA option HMP UI Context is not working	06/09/2016	1-Critical	TC5145
VA-425	DE5390	VA-425 - F304 Vista Health Summaries - Unable to run report	06/20/2016	2-High	N/A
VA-426	DE5362	VA-426 Failure to rejoin CCOW through eHMP	06/17/2016	2-High	TC5442
VA-427	DE5365	VA-427 Rejoin Context button for CCOW missing intermittently from Patient Demographic Screen	06/17/2016	2-High	TC5443
VA-428	DE5366	VA-428 Leave Context button for CCOW missing intermittently in eHMP	06/17/2016	2-High	TC5444

Fixed VA Defects					
VA ID	ID	Name	Opened Date	Severity	Test Method/Test Case Identifier
VA-430	DE5435	VA-430- Allergies without a severity are displaying like they are severe	06/23/2016	1-Critical	TC5342

A. Appendix 1 – M Triggers

Table A-1 details the M Triggers.

Table A-1 M Triggers

M Triggers	
PROTOCOL LIST	MAR 3,2016 07:11 PAGE 1

<p>NUMBER: nnnn ITEM TEXT: HMP HL7 ADT-A04 Client CREATOR: PROGRAMMER,ONE DESCRIPTION: This client protocol is used to process HL7 ADT/A04 messages published by the VAFC ADT-A04 SERVER protocol.</p> <p>The client causes a HMP 'freshness' event for each new patient registration that occurs. This is especially important for new patients, as it is the only MAS event mechanism available that can be used to discover new patient entries.</p> <p>Note: The ROUTING LOGIC does not send any HL7 messages. As mentioned above, It adds a HMP (Health Management Platform) 'freshness' event.</p>	<p>NAME: HMP ADT-A04 CLIENT TYPE: subscriber RECEIVING APPLICATION: HMP HL7 RESPONSE MESSAGE TYPE: ADT ROUTING LOGIC: D ADT^HMPEHL7(\$G(HLFS),HLNEXT,\$G(HLNODE),HLQUIT)</p>
<p>NUMBER: nnnn ITEM TEXT: HMP HL7 ADT-A08 Client CREATOR: PROGRAMMER,ONE DESCRIPTION: This client protocol is used to process HL7 ADT/A08 messages published by the VAFC ADT-A08 SERVER protocol.</p> <p>The client filters A08 events. It adds to the HMP 'freshness' queue only if the A08 was the result of the patient's sensitivity being modified via the DG SECURITY EDIT/EDIT option. All other A08 events are ignored and should not add to the 'freshness' queue.</p> <p>Note: The ROUTING LOGIC does not send any HL7 messages. As mentioned above, It adds a HMP (Health Management Platform) 'freshness' event.</p>	<p>NAME: HMP ADT-A08 CLIENT TYPE: subscriber RECEIVING APPLICATION: HMP HL7 RESPONSE MESSAGE TYPE: ADT ROUTING LOGIC: D ADT^HMPEHL7(\$G(HLFS),HLNEXT,\$G(HLNODE),HLQUIT)</p>
<p>NUMBER: nnnn ITEM TEXT: Appointment events for HMP TYPE: action DESCRIPTION: This protocol will track appointments for HMP.</p>	<p>NAME: HMP APPT EVENTS CREATOR: PROGRAMMER,ONE ENTRY ACTION: D SDAM^HMPEVNT(SDATA)</p>
<p>NUMBER: nnnn ITEM TEXT: DG updates for HMP CREATOR: PROGRAMMER,ONE DESCRIPTION: This protocol will track Patient file changes for HMP.</p>	<p>NAME: HMP DG UPDATES TYPE: action</p>
<p>NUMBER: nnnn TYPE: action PACKAGE: HEALTH MANAGEMENT PLATFORM DESCRIPTION: Used to trigger a JDS update when the DGPF ASSIGN FLAG action protocol is used. A patient must have been selected and the DFN value is in DGDfn.</p>	<p>NAME: HMP DGPF ASSIGN FLAG CREATOR: PROGRAMMER,ONE</p>

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ENTRY ACTION: I \$G(DGDFN),\$L(\$T(POST^HMPEVNT)) D POST^HMPEVNT(DGDFN,"patient",DGDFN)

NUMBER: nnnn NAME: HMP GMPL EVENT
ITEM TEXT: Problem List events for HMP
TYPE: action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track new and updated problems for HMP.
IDENTIFIER: HMP GMPL EVENT ENTRY ACTION: D GMPL^HMPEVNT(DFN,GMPIFN)
TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP GMRA EVENTS
ITEM TEXT: Allergy Events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track Allergy data updates for HMP.
ENTRY ACTION: D GMRA^HMPEVNT("") TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP INPT EVENTS
ITEM TEXT: Inpatient Movement events for HMP
TYPE: action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track patient admissions and discharges for HMP.
ENTRY ACTION: D DGPM^HMPEVNT(DGPMA,DGPMDA,DGPMP,DGPMT)
TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP MDC EVENT
ITEM TEXT: CLiO events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track new and updated observations for HMP.
ENTRY ACTION: D MDC^HMPEVNT(.MDCOBS) TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP NA EVENTS
ITEM TEXT: XQOR HL7 events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol monitors order events for HMP. It is placed on the OR EVSEND * protocols to check for order numbers assigned to new orders placed from the ancillary packages.
ENTRY ACTION: D NA^HMPEVNT(.XQORMSG) TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP PCE EVENTS
ITEM TEXT: PCE events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track PCE visit data for HMP.
ENTRY ACTION: D PCE^HMPEVNT TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP PCMM TEAM
ITEM TEXT: PCMM Team events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
ENTRY ACTION: D PCMMT^HMPEVNT(SCPTTMAF,SCPTTMB4)
TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP PCMM TEAM POSITION
ITEM TEXT: PCMM Team Position events for HMP
TYPE: action CREATOR: PROGRAMMER,ONE
ENTRY ACTION: D PCMMTP^HMPEVNT(SCPTTPAF,SCPTTPB4)
TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP PSB EVENTS
ITEM TEXT: BCMA events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol will track medication administrations for HMP.
ENTRY ACTION: D PSB^HMPEVNT(.PSBIEN) TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMP XQOR EVENTS
ITEM TEXT: XQOR HL7 events for HMP TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol monitors order events for HMP. It is placed on the * EVSEND OR protocols to check for updates being sent from ancillary

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packages to Order Entry; it monitors when orders are completed.

ENTRY ACTION: D XQOR^HMPEVNT(.XQORMSG)
TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE CHANGE DOMAIN
ITEM TEXT: Change Domain TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to indicate only freshness events for a particular domain, like med, task, visit, etc., or all domains should be listed in freshness viewer.
ENTRY ACTION: D CD^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE CHANGE MAX LISTED
ITEM TEXT: Change Max Limit TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to select the maximum events to display in the freshness queue viewer. (10 - 1000)
ENTRY ACTION: D CM^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE CHANGE SERVER
ITEM TEXT: Change Server TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to change which server's freshness queue events to display in the viewer.
ITEM: HMPM EVT QUE FRESHNESS REPORT
ENTRY ACTION: D CS^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE DISPLAY DETAILS
ITEM TEXT: Display Details TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Display details related to an event listed in the freshness queue viewer.
ENTRY ACTION: D DETAIL^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE FILTER
ITEM TEXT: Filter Events TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to indicate only freshness events with a state of 'processed' or 'waiting to be processed' or all events should be listed in freshness viewer.
ENTRY ACTION: D FILTER^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE FRESHNESS REPORT
ITEM TEXT: Freshness Report TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: View overview freshness queue information for all HMP servers.
ENTRY ACTION: D FSHRPT^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE MGR MENU
ITEM TEXT: VPR Freshness Queue Viewer
TYPE: menu CREATOR: PROGRAMMER,ONE
DESCRIPTION: Main protocol menu used by the VPRM EVT QUE MGR ListMan template.
COLUMN WIDTH: 26 MNEMONIC WIDTH: 4

ITEM: HMPM EVT QUE FRESHNESS REPORT
ITEM: HMPM EVT QUE CHANGE DOMAIN
ITEM: HMPM EVT QUE REFRESH
ITEM: HMPM EVT QUE DISPLAY DETAILS
ITEM: HMPM EVT QUE FILTER
ITEM: HMPM EVT QUE SHOW TEMP GLOBALS
ITEM: HMPM EVT QUE SELECT PATIENT
ITEM: HMPM EVT QUE CHANGE MAX LISTED
ITEM: HMPM EVT QUE CHANGE SERVER
ENTRY ACTION: S XQORM("B")="Update"
SCREEN: I 1 X:\$D(^ORD(101,+SP(^ORD(101,DA(1),10,DA,0),"^",1),24))^(24)
HEADER: D SHOW^VALM MENU PROMPT: Select Action:
TIMESTAMP: 63971,54512

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NUMBER: nnnn NAME: HMPM EVT QUE REFRESH
ITEM TEXT: Update TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Refresh/update the current list of freshness queue events using
the current criteria/filters specified.
ENTRY ACTION: D REFRESH^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE SELECT PATIENT
ITEM TEXT: Select Patient TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to specify that only the freshness events for the
selected patient should be used in the freshness queue event viewer.
ENTRY ACTION: D SELPT^HMPEQLM TIMESTAMP: 63971,54512

NUMBER: nnnn NAME: HMPM EVT QUE SHOW TEMP GLOBALS
ITEM TEXT: Temp Global Usage TYPE: action
CREATOR: PROGRAMMER,ONE
DESCRIPTION: Show VPR temporary global usage report.

The report displays summary information related to VPR processing use of ^XTMP
and ^TMP globals.

ENTRY ACTION: D SHOWHMPN^HMPEQLM TIMESTAMP: 63971,54512

P

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NAME: DG FIELD MONITOR ITEM TEXT: DG Field Monitor
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: REGISTRATION
DESCRIPTION: This protocol is an event point which monitors the editing of
fields in DG* application files. At the time of this event point, the
following variables will be present in the environment:

Variable	Description
DGDA	DA array as exists during Fileman editing
DGFILE	File or subfile number where changed field resides
DGFIELD	Number of changed field
DGTYPE	Type of cross reference action (ADD, DELETE or UPDATE)
DGDTH	Date/time of change in \$Horolog format
DGUSER	DUZ of user that made the change
DGOPT	Current menu option in "option_name^menu_text" format
DGX	X array as documented for Fileman new style x-refs
DGX1	X1 array as documented for Fileman new style x-refs
DGX2	X2 array as documented for Fileman new style x-refs

This protocol is triggered by "listener" cross references on selected fields.
By employing logic such as "If DGFILE=2, DGFIELD=.361, DGTYPE="ADD", then...",
subscribers to this protocol may take action based on edit activity which
involves those fields.

This event point is designed to occur only once per field editing activity.
The DGTYPE variable can be interpreted as follows:

- o ADD transactions indicate that data has been added to a field
that was previously null. The DGX, DGX1 and DGX2 arrays will
contain the Fileman X, X1 and X2 arrays (respectively) as
documented for the execution of 'SET' logic.
- o DELETE transactions indicate that previously existing data has
been deleted without being replaced. The DGX, DGX1 and DGX2
arrays will contain the Fileman X, X1 and X2 arrays

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(respectively) as documented for the execution of 'KILL' logic.

- o UPDATE transactions indicate that existing data has been deleted and new data has been filed. The DGX, DGX1 and DGX2 arrays will contain the Fileman X, X1 and X2 arrays (respectively) as documented for the execution of 'SET' logic.

The naming convention used for these 'new style' cross-references for this Patch are as follows:

1. All names will begin with the letter "A" to denote a non-lookup MUMPS cross-reference.
2. The next characters identify the name space (i.e. Registration ="DG").
3. The next two characters identify the field monitor utility ("FM").
4. The next character will be "D" if the field contains a decimal. If there is no decimal, there will not be a "D" character.
5. The next characters identify the field number.

The establishment of this naming convention is intended to assist with the easy identification of the field monitoring utility as implemented across multiple field definitions. It should be followed as additional instances of this utility are distributed.

ITEM: PSU PATIENT DEMOGRAPHIC CHANGE

ITEM: HMP DG UPDATES

TIMESTAMP: 63971,54512

NAME: DGPf ASSIGN FLAG

TYPE: extended action

PACKAGE: REGISTRATION

DESCRIPTION: This action protocol permits the user to assign a flag to a patient within the Record Flag Assignment [DGPf RECORD FLAG ASSIGNMENT] option.

ITEM: HMP DGPf ASSIGN FLAG

ENTRY ACTION: D AF^DGPfLMA2

TIMESTAMP: 63971,45304

ITEM TEXT: Assign Flag

CREATOR: PROGRAMMER,ONE

SCREEN: I \$G(DGDFN)

NAME: DGPm MOVEMENT EVENTS

TYPE: extended action

PACKAGE: REGISTRATION

DESCRIPTION:

At the completion of a patient movement the following events take place through this option:

1. The PTF record is updated when a patient is admitted, discharged or transferred.
2. The appointment status for a patient is updated to 'inpatient' for admissions and 'outpatient' for discharges. Admissions to the domiciliary have an 'outpatient' appointment status.
3. When a patient is admitted, dietetics creates a dietetic patient file entry and creates an admission diet order. When a patient is discharged, all active diet orders are discontinued. If a patient is absent or on pass, the diet orders are suspended.
4. Inpatient Pharmacy cancels all active orders when a patient is admitted, discharged or on unauthorized absence. A patient cannot be given Unit Dose meds unless s/he is admitted to a ward. The patient can receive IV meds; however. When a patient is transferred, an inpatient system parameter is used to determine whether or not the orders should be cancelled. When a patient goes on authorized absence, the

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inpatient system parameter is used to determine whether the orders should be cancelled, placed on hold or no action taken. When a patient returns from authorized absence any orders placed on hold will no longer be on hold.

5. With ORDER ENTRY/RESULTS REPORTING v2.2, MAS OE/RR NOTIFICATIONS may be displayed to USERS defined in an OE/RR LIST for the patient. These notifications are displayed for admissions and death discharges.

ITEM: DGPM TREATING SPECIALTY EVENT
ITEM: SD APPT STATUS
ITEM: OCX ORDER CHECK PATIENT MOVE.
ITEM: DGOERR NOTE SEQUENCE: 15
ITEM: DGJ INCOMPLETE EVENT
ITEM: GMRADGPM MARK CHART
ITEM: DG MEANS TEST DOM
ITEM: IB MEANS TEST BILLING
ITEM: ORU AUTOLIST SEQUENCE: 1
ITEM: FHWMAS SEQUENCE: 14
ITEM: GMRVOR DGPM
ITEM: DVB ADMISSION HINQ MNEMONIC: DVBH
SEQUENCE: 2
ITEM: PSJ OR PAT ADT
ITEM: ORU PATIENT MOVMT
ITEM: SC PCMM INPATIENT ACTIVITY
ITEM: SC ASSIGN PC TEAM ON DISCHARGE
ITEM: VSIT PATIENT STATUS
ITEM: PSD PAT ADT
ITEM: VAFH HL7 INPATIENT CAPTURE SEQUENCE: 3
ITEM: VAFH HL7 INPATIENT CAPTURE SEQUENCE: 4
ITEM: OR GUA EVENT PROCESSOR SEQUENCE: 999
ITEM: DG OERR TREATING TRANSFER SEQUENCE: 13
ITEM: IVM FINANCIAL QUERY FOR ADMISSION
ITEM: DGRU INPATIENT CAPTURE SEQUENCE: 5
ITEM: RG ADT INPATIENT ENCOUNTER DRIVER
ITEM: ROR EVENT PTF
ITEM: EAS UE INP EVENT
ITEM: PSB BCBU PATIENT MOVEMENT SEQUENCE: 100
ITEM: SPN ALERT
ITEM: HMP INPT EVENTS
TIMESTAMP: 63971,54512

NAME: FH EVSEND OR ITEM TEXT: FH --> OR event messages
TYPE: extended action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This protocol is used to send HL7 message to Order Entry 3 or higher from Dietetics.
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS
TIMESTAMP: 63971,54512

NAME: GMPL EVENT ITEM TEXT: Problem List Update Event
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: PROBLEM LIST
DESCRIPTION: This protocol will be invoked whenever a problem is added or modified via Problem List options or RPC's. It is triggered by setting the Date Last Modified field #.03 of the Problem file #9000011, in the DTMOD^GMPLX function. The following variables will be available to read and use, but do NOT kill:

DFN = Patient ien, file #2
GMPIFN = Problem ien, file #9000011
ITEM: HMP GMPL EVENT
TIMESTAMP: 63971,54512

NAME: GMRA ENTERED IN ERROR

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ITEM TEXT: Reaction Data Entered in Error
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: ADVERSE REACTION TRACKING
DESCRIPTION: This protocol will be activated whenever a reaction is Entered in Error. Listed below are the variables that will be defined for that reaction.

Variables:

GMRAPA = The Internal Entry Number of the reaction in File 120.8 (PATIENT ALLERGIES)

GMRAPA(0) = The zero node of the entry in File 120.8.
Below is a description of the data for that node.

\$P	Field name	Field type
1	PATIENT	Pointer to File 2 (PATIENT)
2	REACTANT	Free Text of Reaction
3	GMR ALLERGY	Variable Pointer *
4	ORIGINATION DATE/TIME	Date/Time (FileMan format)
5	ORIGINATOR	Pointer to File 200 (NEW PERSON)
6	OBSERVED/HISTORICAL	Set of Codes (o=Observed,h=Historical)
12	ORIGINATOR SIGN OFF	Set of Codes (1=Signed,(Zero or Null)=Unsigned)
14	MECHANISM	Set of Codes

(U=Unknown,P=Pharmacologic,A=Allergy)

16	VERIFIED	Set of Codes (1=Verified,(0 or Null)=Not
----	----------	---

Verified)

17	VERIFICATION DATE/TIME	Date/Time (FileMan format)
18	VERIFIER	Pointer to File 200
20	ALLERGY TYPE	Free Text/Set of Codes 1 to 3 characters long (Where "D" = Drug, "F" = Food, "O" = Other)

*The GMR ALLERGY field is a variable pointer which points to one of five possible files. They are:

File Name	File Reference
GMR ALLERGIES	GMR(120.8, (e.g., 212;GMR(120.8,) NATIONAL DRUG
PSNDF(DRUG	PSDRUG(DRUG INGREDIENTS PS(50.416, VA
DRUG CLASS	PS(50.605,

ITEM: FH SIGNED REACTION CANCEL
ITEM: HMP GMRA EVENTS
TIMESTAMP: 63971,54512

NAME: GMRA SIGN-OFF ON DATA ITEM TEXT: Sign-off on Reaction Data
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: ADVERSE REACTION TRACKING
DESCRIPTION: This protocol will be activated whenever a reaction is Signed. Listed below are the variables that will be defined for that reaction.

Variables:

GMRAPA = The Internal Entry Number of the reaction in File 120.8 (PATIENT ALLERGIES)

GMRAPA(0) = The zero node of the entry in File 120.8.
Below is a description of the data for that node.

\$P	Field name	Field type
1	PATIENT	Pointer to File 2 (PATIENT)
2	REACTANT	Free Text of Reaction
3	GMR ALLERGY	Variable Pointer *

M Triggers

4	ORIGINATION DATE/TIME	Date/Time (FileMan format)
5	ORIGINATOR	Pointer to File 200 (NEW PERSON)
6	OBSERVED/HISTORICAL	Set of Codes (o=Observed,h=Historical)
12	ORIGINATOR SIGN OFF	Set of Codes (1=Signed,(Zero or Null)=Unsigned)
14	MECHANISM	Set of Codes
(U=Unknown,P=Pharmacologic,A=Allergy)		
16	VERIFIED	Set of Codes (1=Verified,(0 or Null)=Not Verified)
17	VERIFICATION DATE/TIME	Date/Time (FileMan format)
18	VERIFIER	Pointer to File 200
20	ALLERGY TYPE	Free Text/Set of Codes 1 to 3 characters long (Where "D" = Drug, "F" = Food, "O" = Other)

*The GMR ALLERGY field is a variable pointer which points to one of five possible files. They are:

File Name	File Reference
-----	-----
GMR ALLERGIES	GMR(120.8, (e.g., 212;GMR(120.8,)
NATIONAL DRUG PS(50.416, VA DRUG CLASS	PSNDF(DRUG PS(50.605,
PSDRUG(DRUG INGREDIENTS	
ITEM: FH SIGNED REACTION INTERFACE	
ITEM: HMP GMRA EVENTS	
TIMESTAMP: 63971,54512	
NAME: GMRC EVSEND OR	ITEM TEXT: Consults event sent to OE/RR
TYPE: extended action	CREATOR: PROGRAMMER,ONE
PACKAGE: CONSULT/REQUEST TRACKING	
ITEM: OR RECEIVE	SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE	SEQUENCE: 2
ITEM: MAGD RECEIVE EVENTS	
ITEM: MD RECEIVE GMRC	
ITEM: EDP MONITOR	
ITEM: HMP XQOR EVENTS	
TIMESTAMP: 63971,54512	
NAME: HMPM EVT QUE CHANGE SERVER	ITEM TEXT: Change Server
TYPE: action	CREATOR: PROGRAMMER,ONE
DESCRIPTION: Allows user to change which server's freshness queue events to display in the viewer.	
ITEM: HMPM EVT QUE FRESHNESS REPORT	
ENTRY ACTION: D CS^HMPEQLM	TIMESTAMP: 63971,54512
NAME: HMPM EVT QUE MGR MENU	ITEM TEXT: VPR Freshness Queue Viewer
TYPE: menu	CREATOR: PROGRAMMER,ONE
DESCRIPTION: Main protocol menu used by the VPRM EVT QUE MGR ListMan template.	
COLUMN WIDTH: 26	MNEMONIC WIDTH: 4
ITEM: HMPM EVT QUE FRESHNESS REPORT	
ITEM: HMPM EVT QUE CHANGE DOMAIN	
ITEM: HMPM EVT QUE REFRESH	
ITEM: HMPM EVT QUE DISPLAY DETAILS	
ITEM: HMPM EVT QUE FILTER	
ITEM: HMPM EVT QUE SHOW TEMP GLOBALS	
ITEM: HMPM EVT QUE SELECT PATIENT	
ITEM: HMPM EVT QUE CHANGE MAX LISTED	
ITEM: HMPM EVT QUE CHANGE SERVER	
ENTRY ACTION: S XQORM("B")="Update"	

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SCREEN: I 1 X:\$D(^ORD(101,+SP(^ORD(101,DA(1),10,DA,0),"^",1),24))^(24)
HEADER: D SHOW^VALM MENU PROMPT: Select Action:
TIMESTAMP: 63971,54512

NAME: LR70 CH EVSEND OR
ITEM TEXT: LAB => OE/RR ORDER MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS
TIMESTAMP: 63971,54512

NAME: MDC OBSERVATION UPDATE
ITEM TEXT: Observation update notification
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: CLINICAL PROCEDURES
DESCRIPTION: This protocol will be triggered when an observation in the OBS file enters or leaves VERIFIED status.

The local array "MDCOBS" will be populated as follows:

```
MDCOBS("OBS_ID","E")="{35627230-5C66-49E3-AD93-97C269CB257D}"  
MDCOBS("OBS_ID","I")="{35627230-5C66-49E3-AD93-97C269CB257D}"  
MDCOBS("OLD_STATUS","E")="Verified" MDCOBS("OLD_STATUS","I")=1  
MDCOBS("PATIENT_ID","E")="SIMPSON,BARTHOLOMUE" MDCOBS("PATIENT_ID","I")=2  
MDCOBS("STATUS","E")="Unverified" MDCOBS("STATUS","I")=0
```

In case of an error, MDCOBS("ERROR") will be populated with the error number and error text from FileMan.

ITEM: HMP MDC EVENT
ENTRY ACTION: D EN^MDCPROTD TIMESTAMP: 63971,54512

NAME: OR EVSEND FH ITEM TEXT: OE/RR => DIET MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: FH RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE SEQUENCE: 2
ITEM: EDP OR MONITOR
ITEM: HMP NA EVENTS
TIMESTAMP: 63971,54512

NAME: OR EVSEND GMRC ITEM TEXT: OE/RR => CONSULTS MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: GMRC RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE SEQUENCE: 2
ITEM: RMPR RECEIVE
ITEM: MD RECEIVE OR
ITEM: EDP OR MONITOR
ITEM: HMP NA EVENTS
TIMESTAMP: 63971,54512

NAME: OR EVSEND LRCH ITEM TEXT: OE/RR => LAB MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: LR70 CH RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE SEQUENCE: 2
ITEM: EDP OR MONITOR
ITEM: HMP NA EVENTS
TIMESTAMP: 63971,54512

NAME: OR EVSEND ORG ITEM TEXT: OE/RR => GENERIC MESSAGE EVENT
TYPE: extended action CREATOR: PROGRAMMER,ONE
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS

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TIMESTAMP: 63971,54512

NAME: OR EVSEND PS

ITEM TEXT: OE/RR => PHARMACY MESSAGE EVENT

TYPE: extended action

CREATOR: PROGRAMMER,ONE

ITEM: PS RECEIVE OR

SEQUENCE: 1

ITEM: OCX ORDER CHECK HL7 RECIEVE

SEQUENCE: 2

ITEM: EDP OR MONITOR

ITEM: HMP NA EVENTS

TIMESTAMP: 63971,54512

NAME: OR EVSEND RA

ITEM TEXT: OE/RR => RAD/NM MESSAGE EVENT

TYPE: extended action

CREATOR: PROGRAMMER,ONE

ITEM: RA RECEIVE

SEQUENCE: 1

ITEM: OCX ORDER CHECK HL7 RECIEVE

SEQUENCE: 2

ITEM: EDP OR MONITOR

ITEM: HMP NA EVENTS

TIMESTAMP: 63971,54512

NAME: OR EVSEND VPR

ITEM TEXT: OE/RR => VPR MESSAGE EVENT

TYPE: extended action

CREATOR: PROGRAMMER,ONE

ITEM: HMP XQOR EVENTS

TIMESTAMP: 63971,54512

NAME: PS EVSEND OR

ITEM TEXT: Send Pharmacy orders to CPRS.

TYPE: extended action

CREATOR: PROGRAMMER,ONE

PACKAGE: PHARMACY

DESCRIPTION: This protocol is for sending Inpatient and Outpatient Pharmacy orders to CPRS.

ITEM: OR RECEIVE

SEQUENCE: 1

ITEM: OCX ORDER CHECK HL7 RECIEVE

ITEM: IBAT TP RX

MNEMONIC: TP

SEQUENCE: 3

ITEM: PSB BCBU RECEIVE

SEQUENCE: 4

ITEM: EDP MONITOR

ITEM: HMP XQOR EVENTS

EXIT ACTION: K ^TMP("HLS",\$J,"PS"),PSOC,MSG

TIMESTAMP: 63971,54512

NAME: PSB EVSEND VPR

ITEM TEXT: MEDICATION ADMINISTRATION EVENTS

TYPE: extended action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: The purpose of this protocol is to send notification of events that modify the BCMA MEDICATION LOG file (#53.79).

ITEM: HMP PSB EVENTS

TIMESTAMP: 63971,54512

NAME: P XK VISIT DATA EVENT

ITEM TEXT: VISIT RELATED DATA

TYPE: extended action

CREATOR: PROGRAMMER,ONE

DESCRIPTION: This is a Protocol that PIMS can hook onto to find the data that was collected by PCE using List Manager,Scanning etc.

PIMS has developed a protocol, SDAM PCE EVENT, which will use the visit related data to do an auto-checkout.

ITEM: IBDF PCE EVENT

ITEM: SDAM PCE EVENT

ITEM: P XRM PATIENT DATA CHANGE

ITEM: ROR EVENT VISIT

ITEM: EAS UE PCE EVENT

ITEM: HMP PCE EVENTS

EXIT ACTION: K P XKSPX

ENTRY ACTION: S P XKSPX=1

TIMESTAMP: 63971,54512

NAME: RA EVSEND OR

ITEM TEXT: Radiology event sent to OE/RR

TYPE: extended action

CREATOR: PROGRAMMER,ONE

PACKAGE: RADIOLOGY/NUCLEAR MEDICINE

DESCRIPTION: Invoked when a request is created or changed by the

M Triggers

Radiology/Nuclear Medicine package (the "backdoor") and the data is passed to the Order Entry package, Version 3.0 or greater.

IDENTIFIER: RA EVSEND
ITEM: OR RECEIVE SEQUENCE: 1
ITEM: OCX ORDER CHECK HL7 RECIEVE
ITEM: EDP MONITOR
ITEM: HMP XQOR EVENTS
EXIT ACTION: K:\$L(\$G(RAVARBLE)) @RAVARBLE,RAVARBLE
TIMESTAMP: 63971,54512

NAME: SCMC PATIENT TEAM CHANGES

ITEM TEXT: PCMM Patient Team Update Event Driver
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: SCHEDULING
DESCRIPTION: This is fired off whenever the Patient Team Assignment File (#404.42) is updated.

Available Output Variables:

=====

SCPCTM = 1 if it this is a primary care team assignment, 0 otherwise
SCPTTMB4 = 0 Node of Patient Team Assignment (#404.42) Before SCPTTMAF = 0
Node of Patient Team Assignment (#404.42) After SCTMNDDB4 = 0 Node of Team
(#404.51) Before SCTMNDAF = 0 Node of Team (#404.51) After SCPTTM =
Pointer to Patient Team Assignment (#404.42) SCTMB4 = Pointer to Team
(404.51) Before SCTMAF = Pointer to Team (404.51) After

Notes:

- o The 7th piece of the Team File (i.e. \$P(SCTMND,U,7)) is a pointer to the institution file.
- o The 8th piece of the Patient Team Assignment File is the Assignment Type Field (#.08). Its internal value is '1' if it is a primary care assignment. Its value could be either null or '99'. '99' is 'Other'. You can check the variable, SCPCTM (1 or 0) to see if this is a primary care team assignment.

Note: Utility: \$\$INSTPCTM^SCAPMC(DFN,DATE,SCERR)

Input:

DFN - ien of PATIENT File (#2)
DATE - date to check (default=DT)
SCERR - error array (default=^TMP("SCERR",\$J)) - contains info about bad data. It is only set if there is bad data.

Returned:

0 if no Primary Care Team on Date or
SC4^Institution Name^SCTM^Team Name
SC4 = ien of Institution File
SCTM = ien of Team File

ITEM: SCMC PT TEAM CHANGE MAIL MESSAGE

ITEM: HMP PCMM TEAM
TIMESTAMP: 63971,54512

NAME: SCMC PATIENT TEAM POSITION CHANGES

ITEM TEXT: PCMM Patient Team Position Update Event Driver
TYPE: extended action CREATOR: PROGRAMMER,ONE
DESCRIPTION: This should be fired off whenever the PATIENT TEAM POSITION ASSIGNMENT file (#404.43) is updated

Protocol Name: SCMC Patient Team Position Changes, hang an entry off of this to use this protocol (I do not believe you will be using this one)

Description: This should be fired off whenever the PATIENT TEAM POSITION ASSIGNMENT file (#404.43) is updated.

Available Variables:

=====

SCPCTP = null or 0 if not a primary care assignment
1 if a primary care practitioner assignment
2 if a primary care attending assignment SCPTTPB4 = 0 Node of

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Patient Team Position Assignment (#404.43) Before SCPTPAF = 0 Node of Patient
Team Position Assignment (#404.43) After SCTMNDB4 = 0 Node of Team (#404.51)
Before SCTMNDAF = 0 Node of Team (#404.51) After SCTPNDB4 = 0 Node of Team
Position (#404.57) Before SCTPNDAF = 0 Node of Team Position (#404.57) After
SCPTTP = Pointer to Patient Team Position Assignment (#404.43) SCTPB4 =
Pointer to Team Position (404.57) Before SCTPAF = Pointer to Team Position
(404.57) After
ITEM: SCMC PT POSITION CHANGE MAIL MESSAGE
ITEM: HMP PCMM TEAM POSITION
TIMESTAMP: 63971,54512
DEFAULT WORD PROCESSING ANSWER:

NAME: SDAM APPOINTMENT EVENTS ITEM TEXT: Appointment Event Driver
TYPE: extended action CREATOR: PROGRAMMER,ONE
PACKAGE: SCHEDULING
DESCRIPTION: This extended action contains all the actions that need to be
performed when an action is taken upon an appointment, such as checking in.

ITEM: IBACM OP LINK SEQUENCE: 1
ITEM: ORU PATIENT MOVMT
ITEM: DG MEANS TEST REQUIRED
ITEM: DVBA C&P SCHD EVENT SEQUENCE: 8
ITEM: PXX SDAM TO V-FILES
ITEM: VAFH HL7 OUTPATIENT CAPTURE
ITEM: VAFH HL7 OUTPATIENT CAPTURE
ITEM: DGEN SD ENROLL PATIENT
ITEM: IVM SEND FINANCIAL QUERY
ITEM: EAS UE SCHED EVENT
ITEM: SDAM PFSS EVENT SEQUENCE: 99
ITEM: SDAM APPT TYPE VALIDATION
ITEM: MAGD APPOINTMENT
ITEM: EDP CHECK-IN
ITEM: HMP APPT EVENTS
EXIT ACTION: D EN^SCDXHLDR TIMESTAMP: 63971,54512

26 MATCHES FOUND.

B. Appendix 2 – Files

Table B-1 details the new/modified VA FileMan files that are exported with eHMP KIDS patches.

Table B-1 VA FileMan Files

VA FileMan Files			
STANDARD DATA DICTIONARY #800000 -- HMP SUBSCRIPTION FILE			
FEB 23,2016@12:42:49 PAGE 1			
STORED IN ^HMP(800000, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI: VI			
STA,ROU (VERSION 2.0)			
DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

This file contains the data needed for eHMP data retrieval. The top level fields store information about servers known to eHMP. Each patient's subscription is stored in #800000.01 sub-file for a server			
<pre> DD ACCESS: @ RD ACCESS: @ WR ACCESS: @ DEL ACCESS: @ LAYGO ACCESS: @ AUDIT ACCESS: @ </pre>			
(NOTE: Kernel's File Access Security has been installed in this UCI.)			
CROSS REFERENCED BY: SERVER(B)			
INDEXED BY: PATIENT NAME & STATUS (ADFN), OPERATION DATA (AITEM), NAME & ON (AROS)			
800000,.01	SERVER		0;1 FREE TEXT (Required)
INPUT TRANSFORM: K:\$L(X)>64!(\$L(X)<1)!'(X'?1P.E) X			
LAST EDITED: OCT 28, 2014			
HELP-PROMPT: Answer must be 1-64 characters in length.			
DESCRIPTION: This is the name of the client system that is subscribing to data updates.			
CROSS-REFERENCE: 800000^B			
1)= S ^HMP(800000,"B",\$E(X,1,64),DA)=""			
2)= K ^HMP(800000,"B",\$E(X,1,64),DA)			
Cross-reference, by DFN, of patients subscribed to eHMP.			
800000,.02	LASTUPDATE		0;2 FREE TEXT
INPUT TRANSFORM: K:\$L(X)>100!(\$L(X)<3) X			
LAST EDITED: OCT 28, 2014			
HELP-PROMPT: Answer must be 3-100 characters in length. (Do not modified)			
DESCRIPTION: This field holds a flag indicating if this URL should be notified via the nightly scheduled option HMP APPOINTMENTS of the list of patients expected to be seen tomorrow.			

VA FileMan Files

800000,.03 OPERATION DATA 0;3 SET

'0' FOR UNSUBSCRIBED;
'1' FOR SUBSCRIBED;
'2' FOR INITIALIZED;

LAST EDITED: OCT 28, 2014
HELP-PROMPT: This field should not be edited manually without consulting the development team.
DESCRIPTION: This field holds a flag indicating if this URL should be notified via http when a patient is admitted.

FIELD INDEX: AITEM (#413) MUMPS IR ACTION
Short Descr: Index of operational data by server
Description: This cross-reference provides the index that is used to find operational data for each HMP server.
Set Logic: D HMPOSET^HMPDJFS(DA,X)
Set Cond: I X(1)=""
Kill Logic: D HMPOKILL^HMPDJFS(DA)
Kill Cond: I X(1)=""
Whole Kill: K ^HMP(800000,"AITEM")
X(1): OPERATION DATA (800000,.03) (forwards)

800000,.04 REPEAT POLLS 0;4 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>999999999)!(X<0)!(X?.E1"."1N.N) X
LAST EDITED: OCT 28, 2014
HELP-PROMPT: Type a number between 0 and 99999999, 0 decimal digits.
DESCRIPTION: This tracks the number of times the same "last update" value has been repeated. A high repeat may be normal if data are not changing.

800000,.05 DISK USAGE STATUS 0;5 SET

'0' FOR WITHIN LIMIT;
'1' FOR EXCEEDED LIMIT;

LAST EDITED: JUN 24, 2015
HELP-PROMPT: Enter current status of eHMP disk usage.
DESCRIPTION: The DISK USAGE STATUS flag is an indicator set automatically in the eHMP subscription process. If the disk space usage in global ^XTMP by eHMP subscriptions is above the threshold in the HMP EXTRACT DISK SIZE LIMIT is exceeded this flag will be set. Similarly the flag is reset if usage later falls below the threshold.

TECHNICAL DESCR: The field is updated from subscription process by the STATUS^HMPMETA routine.

The field is referenced by the fetch process using CHECK^HMPMETA routine.

800000,.06 DISK USAGE STATUS TIME 0;6 DATE

INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:X<1 X
LAST EDITED: JUN 24, 2015
HELP-PROMPT: Enter the time the DISK USAGE STATUS field was updated.
DESCRIPTION: The DISK USAGE STATUS TIME is a field set automatically in the eHMP subscription process. If the disk space usage in global ^XTMP by eHMP

VA FileMan Files

subscriptions is above the threshold in the HMP EXTRACT DISK SIZE LIMIT is exceeded the DISK USAGE STATUS field will be set and the time of the change recorded in this field. Similarly the flag and time fields will be reset if usage later falls below the threshold.

TECHNICAL DESCR: The field is updated from subscription process by the STATUS^HMPMETA routine.

The field is referenced by the fetch process using CHECK^HMPMETA routine.

800000,.1 URL .1;1 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>250!(\$L(X)<1) X
LAST EDITED: OCT 28, 2014
HELP-PROMPT: Answer must be 1-250 characters in length.
DESCRIPTION: This is the fully specified URL to call when updates are available.

800000,1 PATIENT 1;0 POINTER Multiple #800000.01

DESCRIPTION: These are patients that will be monitored for new data and updates.

INDEXED BY: STATUS & STATUS DATE-TIME (AP)

800000.01,.01 PATIENT NAME 0;1 POINTER TO PATIENT FILE (#2)
(Multiply asked)

INPUT TRANSFORM: S DINUM=X
LAST EDITED: FEB 26, 2014
HELP-PROMPT: Enter the name of a patient to be tracked.
DESCRIPTION: This is the name of the patient being monitored for new data.

NOTES: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER

RECORD INDEXES: ADFN (#412) (WHOLE FILE #800000)

800000.01,2 STATUS 0;2 SET

'0' FOR UNINITIALIZED;
'1' FOR INITIALIZING;
'2' FOR INITIALIZED;

LAST EDITED: MAY 21, 2014
HELP-PROMPT: Enter the tracking status of a patient sync.
(Do Not Modify)
DESCRIPTION: This field tracks the initialization progress of the patient. When a patient is initially subscribed, they are added to this multiple. The status is "1" when the extracts start and "2" when they finish. At that point, freshness updates are moved into the stream.

RECORD INDEXES: ADFN (#412) (WHOLE FILE #800000), AP (#415)

800000.01,3 STATUS DATE-TIME 0;3 DATE

/LABEL
INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: NOV 16, 2015
HELP-PROMPT: Enter the date.time the status changed.

VA FileMan Files

DESCRIPTION: This is the date.time of the last change in extract status.

RECORD INDEXES: AP (#415)

800000.01,4 ORDERS 1;0 POINTER Multiple #800000.14
(Add New Entry without Asking)

DESCRIPTION: All data in this sub-file are to be manipulated by software only. Users should not edit any data without consulting with the developers.

800000.14,.01 ORDER NUMBER 0;1 POINTER TO ORDER FILE (#100)

INPUT TRANSFORM: S DINUM=X
LAST EDITED: NOV 02, 2015
HELP-PROMPT: Enter the Order number.
DESCRIPTION: All the data in this sub-file are entered programmatically.

The data are used to create timestamps with seconds in order to correctly sequence orders that are sync'd with the eHMP system. Timestamps with seconds captured are necessary in order to sequence order activity when using the lastUpdateTime. The lastUpdateTime is passed with the order data during a sync operation. Currently the VA Order file (#100) only captures a timestamp that includes hrs and minutes but not seconds. It is possible for two activities such as saving and signing to occur in the same minute, without seconds added the activity timestamp it is impossible to determine which activity occurred first.

The PURGE DATETIME is the date time to purge this record. The PURGE DATETIME is 24 hours after the record is created. Purging the data after 24 hours will prevent the file from growing too large.

NOTES: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER

CROSS-REFERENCE: 800000.14^B
1)= S ^HMP(800000,DA(2),1,DA(1),1,"B",\$(X,1,30),DA)=""
2)= K ^HMP(800000,DA(2),1,DA(1),1,"B",\$(X,1,30),DA)

800000.14,.02 CREATE DATE/TIME 0;2 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the order was created.
DESCRIPTION: The date/time to include seconds that the order was created. This field is entered programmatically.

800000.14,.03 SIGNED BY 0;3 POINTER TO NEW PERSON FILE (#200)

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	LAST EDITED: DEC 16, 2015 HELP-PROMPT: Enter the User who signed the order. DESCRIPTION: The person signing the order. This field is entered programmatically.
800000.14,.04	SIGNED DATE/TIME 0;4 DATE INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X LAST EDITED: DEC 16, 2015 HELP-PROMPT: Enter the date and time the order was signed. DESCRIPTION: The date/time with seconds the order was signed. This field is entered programmatically.
800000.14,.05	VERIFYING NURSE 0;5 POINTER TO NEW PERSON FILE (#200) LAST EDITED: DEC 16, 2015 HELP-PROMPT: Enter the nurse who verified the order. DESCRIPTION: The date/time, including seconds, the nurse verified the order. This field is entered programmatically.
800000.14,.06	NURSE VERIFY DATE/TIME 0;6 DATE INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X LAST EDITED: DEC 16, 2015 HELP-PROMPT: Enter the date and time the nurse verified the order. DESCRIPTION: The date/time, including seconds, the nurse verified the order. This field is entered programmatically.
800000.14,.07	VERIFYING CLERK 0;7 POINTER TO NEW PERSON FILE (#200) LAST EDITED: DEC 16, 2015 HELP-PROMPT: Enter the clerk who verified the order. DESCRIPTION: The clerk who verified the order. This field is entered programmatically.
800000.14,.08	CLERK VERIFY DATE/TIME 0;8 DATE INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X LAST EDITED: DEC 17, 2015 HELP-PROMPT: Enter the date and time the clerk verified the order. DESCRIPTION: The date/time, including seconds, the clerk verified the order. This field is entered programmatically.
800000.14,.09	REVIEWED BY 0;9 POINTER TO NEW PERSON FILE (#200) LAST EDITED: DEC 16, 2015 HELP-PROMPT: Enter the user who reviewed the order. DESCRIPTION: The user who reviewed the order. This field is entered programmatically.
800000.14,.1	REVIEWED DATE/TIME 0;10 DATE INPUT TRANSFORM:S %DT="ESTR" D ^%DT S X=Y K:Y<1 X LAST EDITED: DEC 16, 2015

VA FileMan Files

HELP-PROMPT: Enter the date and time the order was reviewed.
DESCRIPTION: The date/time, including seconds, the order was reviewed. This field is entered programmatically.

800000.14,.11 RELEASED BY 0;11 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the user who released the order.
DESCRIPTION: The user who released the order. This field is entered programmatically.

800000.14,.12 RELEASED DATE/TIME 0;12 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the order was released.
DESCRIPTION: The date/time, including seconds, the order was released. This field is entered programmatically.

800000.14,.13 PURGE DATE/TIME 0;13 DATE

INPUT TRANSFORM:S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time after which this entry can be purged.
DESCRIPTION: The earliest date/time the order data can be purged. This field is entered programmatically.

800000.14,.14 ORDER ACTION 0;14 SET

'NW' FOR NEW;
'DC' FOR DISCONTINUED;
'HD' FOR HOLD;
'RL' FOR RELEASE HOLD;
'XX' FOR CHANGE;
'VA' FOR VALIDATE;
'IP' FOR TRANSFERRED TO IP;
'OP' FOR TRANSFERRED TO OP;

LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the action performed on this order.
DESCRIPTION: The action taken on the order. This field is entered programmatically.

800000.14,.15 ACTION DATE/TIME 0;15 DATE

INPUT TRANSFORM:S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time this order action was performed.
DESCRIPTION: The date/time of the order action. This field is entered programmatically.

800000.14,1.01 TRACKING START 1;1 DATE

INPUT TRANSFORM:S %DT="ESTX" D ^%DT S X=Y K:Y<1 X
LAST EDITED: JAN 26, 2016
HELP-PROMPT: Enter the date and time that eHMP started tracking this Order.

VA FileMan Files

DESCRIPTION: This field is set to NOW when the Order is first added to this sub-file. It is uneditable.

UNEDITABLE

800000.14,2 ORDER FLAG/UNFLAG DATE/TIME 2;0 DATE Multiple #800000.142
(Add New Entry without Asking)

LAST EDITED: DEC 16, 2015
DESCRIPTION: This sub-file contains flagging /unflagging actions on orders.

800000.142,.01 ORDER FLAG/UNFLAG DATE/TIME 0;1 DATE

INPUT TRANSFORM:S %DT="ESTR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: DEC 16, 2015
HELP-PROMPT: Enter the date and time the order was flagged or unflagged.
DESCRIPTION: This is the date/time with seconds that an order was flagged /unflagged. This field is entered programmatically. An order can be flagged or unflagged multiple times.

CROSS-REFERENCE:800000.142^B
1)= S ^HMP(800000,DA(3),1,DA(2),1,DA(1),2,"B",\$E(X,1,30),DA)=""
2)= K ^HMP(800000,DA(3),1,DA(2),1,DA(1),2,"B",\$E(X,1,30),DA)

800000.142,.02 FLAG ACTION 0;2 SET

'F' FOR FLAGGED;
'U' FOR UNFLAGGED;
LAST EDITED: DEC 16, 2015
HELP-PROMPT:Indicate whether the order was flagged or unflagged.
DESCRIPTION:The date/time, with seconds, the order was flagged /unflagged. This field is entered programmatically.

800000.142,.03 FLAG/UNFLAG USER 0;3 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: DEC 16, 2015
HELP-PROMPT:Enter the user who flagged or unflagged the order.
DESCRIPTION:The user who flagged /unflagged the order. This field is entered programmatically.

800000.142,.04 FLAG/UNFLAG REASON 0;4 FREE TEXT

REASON FOR FLAGGING /UNFLAGGING
INPUT TRANSFORM:K:\$L(X)>80!(\$L(X)<1) X
LAST EDITED: DEC 16, 2015
HELP-PROMPT:Answer must be 1-80 characters.
DESCRIPTION:This is why the order was flagged /unflagged. This field is entered programmatically.

VA FileMan Files

```

800000,2      ROSTER                2;0 POINTER Multiple #800000.02

                LAST EDITED:      APR 17, 2013
                DESCRIPTION:      These are rosters that will be monitored for
                                new patients and updates.

800000.02,.01  NAME                0;1 POINTER TO HMP ROSTER FILE (#800001.
                                2) (Multiply asked)

                INPUT TRANSFORM: S DINUM=X
                LAST EDITED:      APR 17, 2013
                HELP-PROMPT:      Enter the name of a roster to be tracked.
                DESCRIPTION:      This is the name of the roster being
                                monitored for new patients.

                NOTES:            XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER

                RECORD INDEXES:   AROS (#414) (WHOLE FILE #800000)

800000.02,2   ON                    0;2 SET

                                '1' FOR YES;
                                '0' FOR NO;
                LAST EDITED:      APR 17, 2013
                HELP-PROMPT:      Enter YES to turn on data tracking for this
                                roster.
                DESCRIPTION:      This field turns on the Data Monitor for this
                                roster and client system. If ON=true, a new
                                snapshot of this roster will be sent to the
                                client when new data updates are requested.

                RECORD INDEXES:   AROS (#414) (WHOLE FILE #800000)

800000,91     CONCURRENT UPDATE CALLS 91;1 NUMBER

                INPUT TRANSFORM: K:+X'=X!(X>999)!(X<0)!(X?.E1"."1N.N) X
                LAST EDITED:      FEB 18, 2015
                HELP-PROMPT:      Type a number between 0 and 999, 0 decimal
                                digits.
                DESCRIPTION:      This field is used to track the number of
                                simultaneous calls to getPtUpdates in
                                API^HMPDJFS. This allows checkHealth to report
                                if a getPtUpdates RPC is in progress.

                FILES POINTED TO      FIELDS
HMP ROSTER (#800001.2)              ROSTER:NAME (#.01)
NEW PERSON (#200)                   ORDERS:SIGNED BY (#.03)
                                      VERIFYING NURSE (#.05)
                                      VERIFYING CLERK (#.07)
                                      REVIEWED BY (#.09)
                                      RELEASED BY (#.11)
                                      ORDER FLAG/UNFLAG DATE/TIME:FLAG/UNFLAG USER (
#.03)
ORDER (#100)                        ORDERS:ORDER NUMBER (#.01)
PATIENT (#2)                        PATIENT:PATIENT NAME (#.01)

```

VA FileMan Files

Subfile #800000.01

Record Indexes:

ADFN (#412) RECORD MUMPS IR SORTING ONLY WHOLE FILE (#800000)
Short Descr: Patients to track in the Data Monitor
Description: This index will place the entry in the data monitor for
this PATIENT.
Set Logic: D HMPSET^HMPDJFS(.DA,.X)
Set Cond: S X=0 I +X(1)>0 S X=1
Kill Logic: D HMPKILL^HMPDJFS(.DA,.X)
Kill Cond: S X=0 I X(1)'="" S X=1
Whole Kill: K ^HMP(800000,"AITEM")
X(1): PATIENT NAME (800000.01,.01) (Subscr 1) (forwards)
X(2): STATUS (800000.01,2) (forwards)

AP (#415) RECORD REGULAR IR SORTING ONLY
Short Descr: Subscribed patients by server not yet initialized.
Description: This index lists the patients who are not yet initialized:

SERVER_IEN, "AP", STATUS, STATUS TIME, DFN

Patients with an initialized status (STATUS = 2) do not
appear in this index.
Set Logic: S ^HMP(800000,DA(1),1,"AP",X(1),X(2),DA)=""
Set Cond: S X=(+X2(1)<2)
Kill Logic: K ^HMP(800000,DA(1),1,"AP",X(1),X(2),DA)
Whole Kill: K ^HMP(800000,DA(1),1,"AP")
X(1): STATUS (800000.01,2) (Subscr 1) (forwards)
X(2): STATUS DATE-TIME (800000.01,3) (Subscr 2) (forwards)

Subfile #800000.02

Record Indexes:

AROS (#414) RECORD MUMPS IR SORTING ONLY WHOLE FILE (#800000)
Short Descr: Rosters to track in the Data Monitor
Description: Cross-reference of rosters for groups of patients on wards.

Set Logic: S:X2(2) ^HMP(800000,"AROS",X,DA(1))=""
Kill Logic: K:X1(2) ^HMP(800000,"AROS",X,DA(1))
Whole Kill: K ^HMP(800000,"AROS")
X(1): NAME (800000.02,.01) (Subscr 1) (forwards)
X(2): ON (800000.02,2) (Subscr 2)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.1 -- HMP PATIENT OBJECT FILE
FEB 23,2016@12:42:51 PAGE 1
STORED IN ^HMP(800000.1, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI:
VISTA,ROU (VERSION 2.0)

DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

This file is used when transferring specific patient objects to JDS.

VA FileMan Files

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: UID(B)

INDEXED BY: PATIENT & COLLECTION (C)

800000.1,.01 UID 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>63!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: AUG 12, 2015
HELP-PROMPT: Answer must be 3-63 characters in length.
DESCRIPTION: The fully specified Universal ID string for
this object.

TECHNICAL DESCR: urn:va:{systemId}:{DFN}:{collection}:{ien}

CROSS-REFERENCE: 800000.1^B
1)= S ^HMP(800000.1,"B", \$E(X,1,63),DA)=""
2)= K ^HMP(800000.1,"B", \$E(X,1,63),DA)
Index of COLLECTION by PATIENT (DFN).

800000.1,.02 PATIENT 0;2 POINTER TO PATIENT FILE (#2)
(Required)

LAST EDITED: NOV 29, 2012
HELP-PROMPT: Enter the patient that owns this object.
DESCRIPTION:

Patient file #2 ien

RECORD INDEXES: C (#416)

800000.1,.03 COLLECTION 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3) X
LAST EDITED: NOV 29, 2012
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: The name of the type or kind of data this
object belongs to.

RECORD INDEXES: C (#416)

800000.1,1 DATA 1;0 WORD-PROCESSING #800000.101
(IGNORE "|")

FILES POINTED TO

FIELDS

PATIENT (#2)

PATIENT (#.02)

File #800000.1

Record Indexes:

VA FileMan Files

C (#416) RECORD REGULAR IR LOOKUP & SORTING
Short Descr: Index by patient, collection
Description: Index by patient, collection.
Set Logic: S ^HMP(800000.1,"C",X(1),X(2),DA)=""
Kill Logic: K ^HMP(800000.1,"C",X(1),X(2),DA)
Whole Kill: K ^HMP(800000.1,"C")
X(1): PATIENT (800000.1,.02) (Subscr 1) (forwards)
X(2): COLLECTION (800000.1,.03) (Subscr 2) (forwards)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.11 -- HMP OBJECT FILE

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STORED IN ^HMP(800000.11, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI:
VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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This file is a staging area for JSON uid objects.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: COLLECTION(ACNT), UID(B), COLLECTION(C)

800000.11,.01 UID 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>63!(\$L(X)<3)!(X'?1P.E) X
LAST EDITED: NOV 29, 2012
HELP-PROMPT: Answer must be 3-63 characters in length.
DESCRIPTION: The fully specified Universal ID string for
this object.

TECHNICAL DESCR:
urn:va:{collection}:{systemId}:{ien}

CROSS-REFERENCE: 800000.11^B
1)= S ^HMP(800000.11,"B",\$E(X,1,63),DA)=""
2)= K ^HMP(800000.11,"B",\$E(X,1,63),DA)
Cross-reference by Universal IDentifier (UID).

800000.11,.03 COLLECTION 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3) X
LAST EDITED: MAY 03, 2014
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: The name of the type or kind of data this
object belongs to.

VA FileMan Files

CROSS-REFERENCE: 800000.11^C
1)= S ^HMP(800000.11,"C", \$E(X,1,30),DA)=""
2)= K ^HMP(800000.11,"C", \$E(X,1,30),DA)
Cross-reference by collection, Vista extracted domains.

CROSS-REFERENCE: 800000.11^ACNT^MUMPS
1)= S ^HMP(800000.11,"ACNT", \$E(X,1,30))=\$G(^HMP(800000.11,"ACNT", \$E(X,1,30)))+1
2)= S ^HMP(800000.11,"ACNT", \$E(X,1,30))=\$G(^HMP(800000.11,"ACNT", \$E(X,1,30)))-1
Maintain a count of the number of items in each collection.

800000.11,1 DATA (IGNORE "|") 1;0 WORD-PROCESSING #800000.111

DESCRIPTION: Actual Vista domain data to be transmitted.

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.2 -- HMP LIST FILE

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STORED IN ^HMPD(800000.2, *** NO DATA STORED YET *** SITE: VEHU MASTER UCI:
VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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A translation table for use by eHMP to connect Vista data domains to JSON objects for transmission.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: DD NUMBER(ADD), REFRESH THRESHOLD(AREFRESH), NAME(B)

800000.2,.01 NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: SEP 23, 2015
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: This is the name of the HMP List.

VA FileMan Files

CROSS-REFERENCE: 800000.2^B
 1)= S ^HMPD(800000.2,"B", \$E(X,1,30),DA)=""
 2)= K ^HMPD(800000.2,"B", \$E(X,1,30),DA)
 Cross-reference by VistA domain name.

800000.2,.02 TYPE 0;2 SET

'0' FOR STATIC;
 '1' FOR DYNAMIC;
 LAST EDITED: OCT 11, 2012
 HELP-PROMPT: This field should not be edited manually
 without consulting the development team.
 DESCRIPTION: This field defines a data entry as static or
 dynamic.

800000.2,.03 DD NUMBER 0;3 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>999999999)!(X<1)!(X?.E1"."6N.N) X
 LAST EDITED: OCT 22, 2012
 HELP-PROMPT: Type a number between 1 and 999999999, 5 decimal
 digits.
 DESCRIPTION: This is the NUMBER of the File being
 referenced.

CROSS-REFERENCE: 800000.2^ADD
 1)= S ^HMPD(800000.2,"ADD", \$E(X,1,30),DA)=""
 2)= K ^HMPD(800000.2,"ADD", \$E(X,1,30),DA)
 Cross-reference by the File's Data Dictionary
 number.

800000.2,.04 DOMAIN 0;4 POINTER TO HMP LIST DOMAIN FILE (#8000
 00.21) (Required)

LAST EDITED: OCT 31, 2012
 HELP-PROMPT: Enter a VistA data domain from the HMP LIST
 DOMAIN File.
 DESCRIPTION: A VistA data domain from the HMP LIST DOMAIN
 File.

800000.2,.05 ATTRIBUTE 0;5 POINTER TO HMP LIST ATTRIBUTE FILE (#8
 00000.22) (Required)

LAST EDITED: NOV 07, 2012
 HELP-PROMPT: Enter an ATTRIBUTE from the HMP LIST ATTRIBUTE
 File.
 DESCRIPTION: This is a pointer to the HMP ATTRIBUTE File.

800000.2,.08 REFRESH THRESHOLD 0;8 NUMBER

INPUT TRANSFORM: K:+X'=X!(X>1440)!(X<0)!(X?.E1"."1N.N) X
 LAST EDITED: OCT 31, 2012
 HELP-PROMPT: Type a number between 0 and 1440, 0 decimal
 digits.
 DESCRIPTION: Amount of time, in days, required to pass
 before an automatic refresh will occur.

CROSS-REFERENCE: 800000.2^AREFRESH
 1)= S ^HMPD(800000.2,"AREFRESH", \$E(X,1,30),DA)=
 ""

VA FileMan Files

2)= K ^HMPD(800000.2,"AREFRESH",\$E(X,1,30),DA)
Cross-reference by time (in days) until a
refresh happens.

800000.2,.09 NEXT REFRESH DATE 0;9 DATE

INPUT TRANSFORM: S %DT="ETXR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: SEP 23, 2015
HELP-PROMPT: Enter a date up to T+1440.
DESCRIPTION: Date of next refresh based on the value of
REFRESH THRESHOLD.

800000.2,.11 GENERATION CODE .11;E1,245 MUMPS

INPUT TRANSFORM: K:\$L(X)>245 X D:\$D(X) ^DIM
LAST EDITED: OCT 11, 2012
HELP-PROMPT: This is Standard MUMPS code.
DESCRIPTION: MUMPS code to implement the refresh of a
domain.

WRITE AUTHORITY: @

800000.2,.2 COLUMNS 2;0 Multiple #800000.202

DESCRIPTION: These are references to data which will be
extracted.

800000.202,.01 COLUMN NAME 0;1 FREE TEXT (Multiply asked)

INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3)!'(X?1UL.29ULN) X
LAST EDITED: OCT 15, 2014
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: Name of the data column to be extracted.

CROSS-REFERENCE: 800000.202^B
1)= S ^HMPD(800000.2,DA(1),2,"B",\$E(X,1,30),DA)
=""
2)= K ^HMPD(800000.2,DA(1),2,"B",\$E(X,1,30),DA)
COLUMN cross-reference by name.

800000.202,.02 ORDER 0;2 NUMBER (Required)

INPUT TRANSFORM:K:+X'=X!(X>99)!(X<3)!(X?.E1"."1N.N) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Type a number between 3 and 99, 0 decimal
digits.

DESCRIPTION: Order in which data columns will be extracted.

CROSS-REFERENCE:800000.202^AORD
1)= S ^HMPD(800000.2,DA(1),2,"AORD",\$E(X,1,30),
DA)=""
2)= K ^HMPD(800000.2,DA(1),2,"AORD",\$E(X,1,30),
DA)
Cross-reference of data column extraction
order.

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800000.2,.3 DESCRIPTION 3;0 WORD-PROCESSING #800000.203
(NOWRAP) (IGNORE "|")
LAST EDITED: NOV 17, 2015
DESCRIPTION: Description of the data to be extracted.

800000.2,.9 DATA 9;0 WORD-PROCESSING #800000.209
(NOWRAP) (IGNORE "|")
LAST EDITED: NOV 17, 2015
DESCRIPTION: The actual data being sent.

FILES POINTED TO	FIELDS
HMP LIST ATTRIBUTE (#800000.22)	ATTRIBUTE (#.05)
HMP LIST DOMAIN (#800000.21)	DOMAIN (#.04)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.21 -- HMP LIST DOMAIN FILE
FEB 23,2016@12:42:53 PAGE 1
STORED IN ^HMPD(800000.21, (10 ENTRIES) SITE: VEHU MASTER UCI: VISTA,ROU (V
ERSION 2.0)

DATA	NAME	GLOBAL	DATA
ELEMENT	TITLE	LOCATION	TYPE

This File contains the extraction domains which can be transmitted.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: DOMAIN field (#.04) of the HMP LIST File (#800000.2)

CROSS
REFERENCED BY: NAME(B)

800000.21,.01 NAME 0;1 FREE TEXT (Required)
INPUT TRANSFORM: K:\$L(X)>30!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: SEP 23, 2015

VA FileMan Files

HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: This is the name of a VistA data domain which can be extracted for transmission.

CROSS-REFERENCE: 800000.21^B
1)= S ^HMPD(800000.21,"B",%E(X,1,30),DA)=""
2)= K ^HMPD(800000.21,"B",%E(X,1,30),DA)
The name cross-reference by its domain.

800000.21,.02 ABBREVIATION 0;2 FREE TEXT

INPUT TRANSFORM: K:%L(X)>10!(%L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-10 characters in length.
DESCRIPTION: This is the short name of the VistA data domain.

800000.21,.03 DISPLAY NAME 0;3 FREE TEXT

INPUT TRANSFORM: K:%L(X)>50!(%L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-50 characters in length.
DESCRIPTION: This is the actual name of the VistA data domain.

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800000.22 -- HMP LIST ATTRIBUTE FILE

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STORED IN ^HMPD(800000.22, (10 ENTRIES) SITE: VEHU MASTER UCI: VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
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This file contains a list of the attributes of the eHMP data domains.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: ATTRIBUTE field (#.05) of the HMP LIST File (#800000.2)

CROSS REFERENCED BY: NAME(B)

800000.22,.01 NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:%L(X)>30!(%L(X)<3)!('X'?1P.E) X

VA FileMan Files

LAST EDITED: SEP 23, 2015
HELP-PROMPT: Answer must be 3-30 characters in length.
DESCRIPTION: This is the name of an eHMP data domain's attribute.

CROSS-REFERENCE: 800000.22^B
1)= S ^HMPD(800000.22,"B",\$E(X,1,30),DA)=""
2)= K ^HMPD(800000.22,"B",\$E(X,1,30),DA)
This is the cross-reference of the attribute by its name.

800000.22,.02 ABBREVIATION 0;2 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>10!(\$L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-10 characters in length.
DESCRIPTION: This is the short name of an eHMP data domain's attribute.

800000.22,.03 DISPLAY NAME 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>50!(\$L(X)<1) X
LAST EDITED: OCT 31, 2012
HELP-PROMPT: Answer must be 1-50 characters in length.
DESCRIPTION: This is the actual name of an eHMP data domain's attribute.

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800001 -- HMP PANEL FILE

FEB 23,2016@12:42:54 PAGE 1
STORED IN ^HMPPANEL(*** NO DATA STORED YET *** SITE: VEHU MASTER UCI: VIST
A,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
--------------	------------	-----------------	-----------

Contains the Rule Sets that contain the cohorts for creating patient panels. For example, panel which includes Diabetic patients will be created nightly to update the list of patients. All panels in this file will be updated nightly.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: SOURCE field (#.02) of the SOURCES sub-field (#800001.21) of the HMP ROSTER File (#800001.2)

CROSS

VA FileMan Files

2)= K ^HMPPANEL(DA(1),"ORDER DIALOGS","B",\$(X,1,30),DA)
This is the cross-reference by the name of the order dialog.

FILES POINTED TO

FIELDS

ORDER DIALOG (#101.41)	ORDER DIALOGS:ORDER DIALOGS (#.01)
REMINDER LIST RULE (#810.4)	NAME (#.01)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #80001.2 -- HMP ROSTER FILE

FEB 23,2016@12:42:55 PAGE 1

STORED IN ^HMPROSTR(80001.2, *** NO DATA STORED YET *** SITE: VEHU MASTER
UCI: VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
--------------	------------	-----------------	-----------

This file contains eHMP rosters which can be used by subscribed patients.

DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

POINTED TO BY: NAME field (#.01) of the ROSTER sub-field (#80000.02) of the
HMP SUBSCRIPTION File (#800000)
SOURCE field (#.02) of the SOURCES sub-field (#80001.21) of the
HMP ROSTER File (#80001.2)

CROSS

REFERENCED BY: PATIENT(AB), OWNER(AC), SOURCE(AD), TIMESTAMP(ATS), NAME(B)

80001.2,.01 NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:\$L(X)>104!(\$L(X)<3)!'(X'?1P.E) X
LAST EDITED: FEB 20, 2013
HELP-PROMPT: Answer must be 3-104 characters in length.
DESCRIPTION: This is the name of an eHMP roster.

CROSS-REFERENCE: 80001.2^B
1)= S ^HMPROSTR(80001.2,"B",\$(X,1,30),DA)=""
2)= K ^HMPROSTR(80001.2,"B",\$(X,1,30),DA)
This is the cross-reference of eHMP rosters by

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name.

800001.2,.02 DISPLAY NAME 0;2 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>45!(\$L(X)<3) X
 LAST EDITED: AUG 30, 2011
 HELP-PROMPT: Answer must be 3-45 characters in length.
 DESCRIPTION: This is the actual name of an eHMP roster.

800001.2,.03 DISABLE 0;3 SET

'1' FOR YES;
 LAST EDITED: AUG 30, 2011
 HELP-PROMPT: Enter '1' or 'Yes' to disable this roster.
 DESCRIPTION: This is a setting to disable an eHMP roster.

800001.2,.04 OWNER 0;4 POINTER TO NEW PERSON FILE (#200)

LAST EDITED: JAN 05, 2012
 HELP-PROMPT: Enter the owner of this roster.
 DESCRIPTION: This is the DUZ of the HMP roster's owner.

CROSS-REFERENCE: 800001.2^AC
 1)= S ^HMPROSTR(800001.2,"AC",\$(X,1,30),DA)=""
 2)= K ^HMPROSTR(800001.2,"AC",\$(X,1,30),DA)
 Cross-reference of rosters by owner.

800001.2,.05 TYPE 0;5 SET (Required)

'PU' FOR PUBLIC;
 'PR' FOR PRIVATE;
 LAST EDITED: NOV 15, 2011
 HELP-PROMPT: Enter internally stored code for type of HMP roster.
 DESCRIPTION: The type of an HMP roster.

800001.2,.06 PATIENT LIST NAME 0;6 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>40!(\$L(X)<3) X
 LAST EDITED: JAN 20, 2012
 HELP-PROMPT: Answer must be 3-40 characters in length.
 DESCRIPTION: The file containing the patient list names.

800001.2,1 SOURCES 1;0 Multiple #800001.21

DESCRIPTION: The sources of the patient list.

INDEXED BY: (AC)

800001.21,.01 SEQUENCE 0;1 NUMBER (Multiply asked)

INPUT TRANSFORM: K:+X'=X!(X>99999999)!(X<1)!(X?.E1"."1N.N) X

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LAST EDITED: SEP 23, 2015
 HELP-PROMPT: Type a number between 1 and 99999999, 0
 decimal digits.

DESCRIPTION: The sequence number of a patient list source.

CROSS-REFERENCE: 800001.21^B
 1)= S ^HMPROSTR(800001.2,DA(1),1,"B",\$E(X,1,30),DA)=""
 2)= K ^HMPROSTR(800001.2,DA(1),1,"B",\$E(X,1,30),DA)
 The name cross-reference of patient lists.

CROSS-REFERENCE:800001.21^AS
 1)= S ^HMPROSTR(800001.2,DA(1),1,"AS",\$E(X,1,30),DA)=""
 2)= K ^HMPROSTR(800001.2,DA(1),1,"AS",\$E(X,1,30),DA)
 The sequence cross-reference of patient lists.

800001.21,.02 SOURCE 0;2 VARIABLE POINTER (Required)

FILE	ORDER	PREFIX	LAYGO	MESSAGE
	2	1	PAT	n PATIENT
	42	2	WARD	n WARD LOCATION
	44	3	CL	n CLINIC
	200	5	PROV	n PROVIDER
100.21	6	CPRS		n CPRS
404.51	7	PCMM		n PCMM TEAM
810.4	22	PXRM		n REMINDER'S LIST RULE FILE
800001.2	9	ROST		n HMP ROSTER FILE
45.7	70	SPEC		n SPECIALTY
800001	80	HMPPAN		n Select HMP Panel List Rule

SCREEN ON FILE 2:
 SCREEN ON FILE 42:
 SCREEN ON FILE 44:
 SCREEN ON FILE 200:
 SCREEN ON FILE 100.21:
 SCREEN ON FILE 404.51:
 SCREEN ON FILE 810.4: S DIC("S")=I \$P(^0),U,3)=3"

LAST EDITED: NOV 26, 2013
 HELP-PROMPT: Enter the file which will be the source for
 this roster.

DESCRIPTION: The source of the patient list.

CROSS-REFERENCE:800001.2^AD
 1)= S ^HMPROSTR(800001.2,"AD",\$E(X,1,30),DA(1),DA)=""
 2)= K ^HMPROSTR(800001.2,"AD",\$E(X,1,30),DA(1),DA)
 The file number cross-reference of patient lists.

800001.21,.03 OPERATION 0;3 SET
 '0' FOR UNION;

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```

                '1' FOR INTERSECTION;
                '2' FOR DIFFERENCE;
LAST EDITED:   AUG 30, 2011
HELP-PROMPT:   This code is used to determine which operation
DESCRIPTION:   is to be performed on the Patient List.
                This is the type of operation to be performed
                on the patient list file.

800001.21,.04  FILTER                0;4 SET

                'T' FOR TODAY;
LAST EDITED:   SEP 01, 2011
HELP-PROMPT:   Enter 'T' to set the filter.
DESCRIPTION:   This is a date filter for the patient list
                file.

800001.21,.05  REFRESH FREQUENCY     0;5 SET

                'D' FOR DAILY;
                'H' FOR HOURLY;
LAST EDITED:   JAN 19, 2012
HELP-PROMPT:   This code is used to specify the refresh rate
DESCRIPTION:   for the Patient List.
                The frequency by which to refresh the patient
                list.

800001.2,2    SPECIAL HANDLING       3;E1,245 MUMPS

INPUT TRANSFORM: K:$L(X)>245 X D:$D(X) ^DIM
LAST EDITED:   JAN 03, 2012
HELP-PROMPT:   XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER.
DESCRIPTION:   This is MUMPS code for filtering and refreshing
                patient lists.

WRITE AUTHORITY: @

800001.2,3    PATIENT                4;0 POINTER Multiple #800001.23

DESCRIPTION:

                Patients which are members of this roster.

800001.23,.01 PATIENT                0;1 POINTER TO PATIENT FILE (#2)
                (Multiply asked)

LAST EDITED:   DEC 20, 2012
HELP-PROMPT:   Select an entry from the PATIENT File (#2).
DESCRIPTION:   This field identifies a roster member patient
                by its DFN in the PATIENT File (#2).

CROSS-REFERENCE: 800001.23^B
                1)= S ^HMPROSTR(800001.2,DA(1),4,"B",$(X,1,30)
                ,DA)=""

                2)= K ^HMPROSTR(800001.2,DA(1),4,"B",$(X,1,30)
                ,DA)
                HMP Roster File cross-reference by patient
                name.

CROSS-REFERENCE:800001.2^AB
                1)= S ^HMPROSTR(800001.2,"AB",$(X,1,30),DA(1),

```

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DA)=""

2)= K ^HMPROSTR(800001.2,"AB",\$(X,1,30),DA(1),
DA)
Index of all rosters patient is in.

800001.23,.02 SRCSEQ 0;2 NUMBER

INPUT TRANSFORM:K:+X'=X!(X>999999)!(X<1)!(X?.E1"."1N.N) X
LAST EDITED: JUL 17, 2013
HELP-PROMPT: Type a number between 1 and 999999, 0 decimal
digits.
DESCRIPTION: The sequence number of this patient roster.

800001.2,99 TIMESTAMP 2;1 DATE

INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:Y<1 X
LAST EDITED: SEP 23, 2015
HELP-PROMPT: Type a date not earlier than AUG 30,
2011@08:39.
DESCRIPTION: The date.time of a patient's entry in the HMP
Roster file.
CROSS-REFERENCE: 800001.2^ATS
1)= S ^HMPROSTR(800001.2,"ATS",\$(X,1,30),DA)=""
2)= K ^HMPROSTR(800001.2,"ATS",\$(X,1,30),DA)
The date.time cross-reference of patients in
the HMP Roster file.

FILES POINTED TO

FIELDS

NEW PERSON (#200)

OWNER (#.04)

PATIENT (#2)

PATIENT:PATIENT (#.01)

INPUT TEMPLATE(S):

PRINT TEMPLATE(S):

SORT TEMPLATE(S):

STANDARD DATA DICTIONARY #800001.5 -- HMP ACTIVITY FILE

FEB 23,2016@12:42:56 PAGE 1

STORED IN ^HMP(800001.5,"PTAPPT", *** NO DATA STORED YET *** SITE: VEHU MASTE
R UCI: VISTA,ROU (VERSION 2.0)

DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE
--------------	------------	-----------------	-----------

The HMP Activity File contains appointments for patients which are subscribed
to eHMP.

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DD ACCESS: @
RD ACCESS: @
WR ACCESS: @
DEL ACCESS: @
LAYGO ACCESS: @
AUDIT ACCESS: @

(NOTE: Kernel's File Access Security has been installed in this UCI.)

CROSS

REFERENCED BY: PATIENT NAME(B), HMP PROCESS FLAG(HMP)

800001.5,.01 PATIENT NAME 0;1 POINTER TO PATIENT FILE (#2)
(Required)

LAST EDITED: JUL 31, 2014
HELP-PROMPT: Select a patient from the PATIENT File (#2).
DESCRIPTION: The PATIENT File (#2) DFN of an eHMP subscribed patient with appointments.

CROSS-REFERENCE: 800001.5^B
1)= S ^HMP(800001.5,"PTAPPT","B", \$E(X,1,30),DA
=""
2)= K ^HMP(800001.5,"PTAPPT","B", \$E(X,1,30),DA
PATIENT File (#2) DFN cross-reference of the
HMP Activity File.

800001.5,2 APPOINTMENT DATE 0;2 DATE

INPUT TRANSFORM: S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Enter the date.time of the appointment.
DESCRIPTION: The date.time of a patient's appointment.

800001.5,3 APPOINTMENT STATUS 0;3 FREE TEXT

INPUT TRANSFORM: K:\$L(X)>5!(\$L(X)<1) X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Answer must be 1-5 characters in length.
DESCRIPTION: This is the status of a patient's appointment.

800001.5,4 DATE RECORD CREATED 0;4 DATE

INPUT TRANSFORM: S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Enter the date.time the activity record was
created.
DESCRIPTION: The date.time of creation of the activity
record.

800001.5,5 DATE RECORD RETREIVED 0;5 DATE

INPUT TRANSFORM: S %DT="EST" D ^%DT S X=Y K:Y<1 X
LAST EDITED: AUG 04, 2014
HELP-PROMPT: Do not prompt. Field is stuffed by [TBD].
DESCRIPTION: This is the date.time that activity data was
retrieved from VistA.

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	NOTES:	TRIGGERED by the HMP PROCESS FLAG field of the HMP ACTIVITY File
800001.5,6	HMP PROCESS FLAG	0;6 NUMBER
	INPUT TRANSFORM:	K:+X'=X!(X>1)!(X<0)!(X?.E1"."1N.N) X
	LAST EDITED:	AUG 04, 2014
	HELP-PROMPT:	Type a number between 0 and 1, 0 decimal digits.
	DESCRIPTION:	This is a system HMP Process Flag indicating an activity was processed.
	CROSS-REFERENCE:	800001.5^HMP^MUMPS 1)= I +X=0 S ^HMP(800001.5,"PTAPPT","HMP",+DA)= "" 2)= K ^HMP(800001.5,"PTAPPT","HMP",+DA) This is a cross-reference of patient activities by process flag.
	CROSS-REFERENCE:	^^TRIGGER^800001.5^5 1)= Q 2)= K DIV S DIV=X,D0=DA,DIV(0)=D0 S Y(1)=\$S(\$D(^HMP(800001.5,"PTAPPT",D0,0)):^(0),1:"") S X=\$P(Y(1),U,5),X=X S DIU=X K Y S X=DIV N %I,%H,% D NOW^%DTC S X=% X ^DD(800001.5,6,1,2,2.4) 2.4)= S DIH=\$G(^HMP(800001.5,"PTAPPT",DIV(0),0),DIV=X S \$P(^0),U,5)=DIV,DIH=800001.5,DIG=5 D ^DICR CREATE VALUE)= NO EFFECT DELETE VALUE)= NOW FIELD)= DATE RECORD RETREIVED This trigger causes an activity file entry to be skipped, deleted, or processed.
800001.5,7	JSON MESSAGE	JSON;1 FREE TEXT
	INPUT TRANSFORM:	K:\$L(X)>200!(\$L(X)<1) X
	LAST EDITED:	AUG 05, 2014
	HELP-PROMPT:	Answer must be 1-200 characters in length.
	DESCRIPTION:	This is a JSON message indicating the status of the corresponding patient activity record.
	FILES POINTED TO	FIELDS
	PATIENT (#2)	PATIENT NAME (#.01)
	INPUT TEMPLATE(S):	
	PRINT TEMPLATE(S):	
	SORT TEMPLATE(S):	
	FORM(S)/BLOCK(S):	

C. Appendix 3 – Approved Integration Control Registrations

Table C-1 details the Approved Integration Control Registrations.

Table C-1 Approved Integration Control Registrations

Resource	DBIA #	Date Approved
^LAB(60	91	27-Jan-2016
ADM^VADPT2	325	18-Dec-2015
^DG(40.8	417	11-Apr-2016
LAB(61	524	19-Nov-2015
LRO(69	532	13-Nov-2015
^DIC(40.7	557	16-Dec-2015
EN^ORX8	871	30-Mar-2016
^RADPT("AO"	1172	18-Mar-2016
DGPM MOVEMENT EVENTS	1181	13-Apr-2016
SDAM APPOINTMENTS EVENTS	1320	19-Apr-2016
EN1^GMRVUT0	1446	05-Dec-2015
GMRA ENTERED IN ERROR	1467	23-Feb-2016
GMRA SIGN-OFF ON DATA	1469	23-Feb-2016
ORQPT CLINIC PATIENTS	1652	22-Jan-2016
ORWU USERINFO	1791	27-Jan-2016
ORWRP REPORT LISTS	1840	27-Jan-2016
ORWRP REPORT TEXT	1841	27-Jan-2016
^DGPM(1865	15-Apr-2016
^DGPM("APCA", ^DGPM("APMV", ^DGPM("ATID1"	1865	15-Apr-2016
\$\$GETENC^PXAPI	1894	09-Oct-2015
ENCEVENT^PXAPI	1894	09-Oct-2015
\$\$TEAMCNT^SCAPMCU1	1918	29-Oct-2015
^AUPNVISIT	2028	25-Nov-2015
^GMR(120.8	2166	02-Dec-2015
MAIN^PXR	2182	09-Oct-2015
\$\$TSDATA^DGA	2248	30-Nov-2015
^AUPNVPRV(2316	02-Jan-2016
WHATIS^USRLM	2324	29-Mar-2016
OCL^PSOORRL	2400	04-Nov-2015

Resource	DBIA #	Date Approved
OEL^PSOORRL	2400	04-Nov-2015
LRO(69	2407	26-Nov-2015
PS EVSEND OR	2415	17-Feb-2016
\$\$OI^ORX8	2467	30-Mar-2016
\$\$VALUE^ORX8	2467	30-Mar-2016
RR^LR7OR1	2503	04-Nov-2015
^XTV(8989.5	2686	30-Mar-2016
TEAMPTS^ORQPTQ1	2692	16-Oct-2015
EXTRACT^TIULQ	2693	28-Mar-2016
TIU(8925.1	2700	23-Nov-2015
^AUPNPROB(2727	30-Mar-2015
OER^GMRCSLM1	2740	02-Feb-2016
DETAIL^GMPLUTL2	2741	19-Oct-2015
LIST^GMPLUTL2	2741	19-Oct-2015
EDIT^VAFCTED	2784	06-Apr-2016
\$\$CWAD^ORQPT2	2831	20-Jan-2016
\$\$RESOLVE^TIUSRVLO	2834	14-Oct-2015
^ORD(101.43	2843	02-Dec-2015
CONTEXT^TIUSRVLO	2865	23-Nov-2015
TGET^TIUSRVR1	2944	16-Oct-2015
EXPAND^LR7OU1	2955	15-Nov-2015
DOCLIST^GMRCGUIB	2980	02-Feb-2015
\$\$ISA^TIULX	3058	15-Oct-2015
\$\$PKGID^ORX8	3071	30-Mar-2016
^AUPNVPOV(3094	25-Nov-2015
OR EVSEND GMRC	3135	13-Mar-2016
GMRC EVSEND OR	3140	16-Feb-2016
EN^ORQ1	3154	30-Mar-2016
DG FIELD MONITOR	3344	19-Apr-2016
^GMR(120.86	3449	01-Dec-2015
RA(79.2	3505	24-Feb-2016
LIST^SROESTV	3533	16-Nov-2015
ONE^SROESTV	3533	16-Nov-2015
CPCLASS^TIUCP	3568	08-Oct-2015

Resource	DBIA #	Date Approved
ISCP^TIUCP	3568	08-Oct-2015
DOSE^PSSOPKI1	3739	11-May-2015
^DGS(41.1	3796	13-Apr-2016
\$\$GETACT^DGPFAPI	3860	18-Nov-2015
DEFLIST^ORQPTQ11	4204	03-Mar-2016
WARDPTS^ORQPTQ2	4207	03-Mar-2016
CLINPTS^ORQPTQ2	4207	03-Mar-2016
PROVPTS^ORQPTQ2	4207	03-Mar-2016
SPECPTS^ORQPTQ2	4207	03-Mar-2016
PCE4NOTE^ORWPCE3	4214	03-Mar-2016
EN1^MDPS1	4230	13-Jan-2016
PR690^MDPS1	4230	16-Dec-2015
LRPXRM^LRPXAPI	4245	05-Nov-2015
\$\$LRDN^LRPXAPIU	4246	05-Nov-2015
VHF^PXPXRM	4250	15-Oct-2015
VIMM^PXPXRM	4250	15-Oct-2015
VPEDU^PXPXRM	4250	15-Oct-2015
VSKIN^PXPXRM	4250	15-Oct-2015
VXAM^PXPXRM	4250	15-Oct-2015
^PXRMINDEX(63	4290	19-Nov-2015
\$\$CREATE^XUSAP	4677	14-Apr-2016
EIE^GMRAGUI1	4682	01-Jun-2016
NKA^GMRAGUI1	4682	01-Jun-2016
UPDATE^GMRAGUI1	4682	01-Jun-2016
EN1^GMVDCSAV	4815	13-Nov-2015
ORQQPX REMINDERS LIST	4898	29-Mar-2016
ORQQPX REMINDER DETAIL	4899	06-Apr-2016
BYWARD^ORWPT	4904	27-Jan-2016
ORWPT BYWARD	4904	27-Jan-2016
PTTEST^YTQPXRM2	5035	01-Jun-2016
ENDAS71^YTQPXRM6	5043	07-Nov-2015
^YTT(601.71	5044	03-Mar-2016
^YTT(601.71	5044	08-Jan-2016
\$\$FDEFSRC^ORQPTQ11	5137	03-Mar-2016

Resource	DBIA #	Date Approved
GETDLG1^ORCD	5493	06-Apr-2016
GETORDER^ORCD	5493	06-Apr-2016
\$\$CLASS^TIUCNSLT	5546	13-Oct-2015
ISCNSLT^TIUCNSLT	5546	13-Oct-2015
ISSURG^TIUSROI	5676	13-Oct-2015
^TIU(8926.1	5676	30-Dec-2015
\$\$CLASS^TIUSROI	5676	21-Oct-2015
TIU(8925.1	5677	25-Nov-2015
\$\$START^SCMCMHTC	5697	14-Oct-2015
RPC^GMVRPCM	5702	11-May-2015
GET^ORQ12	5704	03-Mar-2016
\$\$ICDDX^ICDEX	5747	13-Oct-2015
^MDC(704.102	5748	08-Jan-2016
^ORA(102.4	5769	04-Jul-2016
OR(100	5771	03-Mar-2016
^WV(790.05	5772	04-Feb-2016
^MDC(704.117	5810	19-Apr-2016
^MDC(704.118	5811	16-Dec-2015
ADMIN^PSBVPR	6038	13-Apr-2016
GMPL EVENT	6065	08-Feb-2016
GET^TIUVPR	6077	04-May-2016
\$\$IFC^GMRCAPI	6082	30-Mar-2016
ACT^GMRCAPI	6082	30-Mar-2016
GET^GMRCAPI	6082	19-Apr-2016
MDC OBSERVATION UPDATE	6084	20-Apr-2016
RA EVSEND OR	6086	16-Feb-2016
LR7O CH EVSEND OR	6087	16-Feb-2016
^USR(8930	6088	02-Feb-2016
^USR(8930.1	6089	01-Dec-2015
OR EVSEND FH	6090	03-Mar-2016
OR EVSEND LRCH	6091	16-Feb-2016
OR EVSEND ORG	6092	13-Mar-2016
OR EVSEND PS	6093	13-Mar-2016
OR EVSEND RA	6094	04-Mar-2016

Resource	DBIA #	Date Approved
OR EVSEND VPT	6095	29-Mar-2016
^TIU(8925	6154	20-Jan-2016
\$\$ACTLOC	6251	07-Mar-2016
\$\$LEXXFRM	6254	01-Feb-2016
DEFSORT	6261	07-Feb-2016
COMBPTS	6268	07-Mar-2016
IMTYPSEL	6269	07-Mar-2016
INPLOC	6272	07-Mar-2016
PCDETAIL	6273	07-Mar-2016
GETLIST	6274	07-Mar-2016
^EDP(230,"V"	6275	26-Apr-2016
^YTT(601.72	6277	15-Mar-2016
^TIU(8925.5	6279	25-Nov-2015
LAB(64.5	6280	17-Dec-2015
^OR(100.24	6283	06-Apr-2016
^PSB(53.79	6298	15-Apr-2016
TIU^HMPEVNT	6299	11-Jan-2016
POSTX^HMPEVNT	6301	11-Jan-2016
ORQQPL4 LEX	6348	02-Feb-2016
DGPF ASSIGN FLAG	6354	06-Apr-2016
GMRD(120.83	6357	04-Feb-2016
^ORD(100.98	6358	07-Feb-2016
STATUS^SDAMA308	6359	20-Apr-2016
GMRD(120.53	6364	24-Feb-2016
GMRD(120.52	6365	24-Feb-2016
GMRD(120.51	6366	24-Feb-2016
ORD(101.41	6367	03-Mar-2016
ORD(101.42	6368	04-Mar-2016
PS(51.2	6369	04-Mar-2016
PS(55	6395	21-Mar-2016
SCTM(404.51	6396	07-Apr-2016
FASTUSER	6397	06-Apr-2016
ORD(101	6400	07-Apr-2016

D. Appendix 4 – New Parameters

Table D-1 details the new parameters.

Table D-1 New Parameters

New Parameters	
PARAMETER DEFINITION LIST	MAR 3,2016 07:20 PAGE 1

NUMBER: nnn	NAME: HMP CPRS PATH
DISPLAY TEXT: CPRS Location	MULTIPLE VALUED: No
INSTANCE TERM: FREE TEXT	
VALUE TERM: PIV Link Message after success	
VALUE DATA TYPE: word processing	INSTANCE DATA TYPE: free text
PRECEDENCE: 1	ENTITY FILE: USER
PRECEDENCE: 4	ENTITY FILE: SYSTEM
NUMBER: nnn	NAME: HMP DOMAIN SIZES
DISPLAY TEXT: HMP Average Domain Sizes	
MULTIPLE VALUED: Yes	INSTANCE TERM: Domain
VALUE TERM: Size (in bytes)	VALUE DATA TYPE: numeric
VALUE DOMAIN: 0:999999999:0	
VALUE HELP: Enter the average size in bytes for each domain item.	
INSTANCE DATA TYPE: free text	INSTANCE DOMAIN: 1:30
INSTANCE HELP: Enter the internal name for the domain (3rd UID piece).	
DESCRIPTION:	
This parameter contains a list of VPR extract domains and their average sizes. The sizes are used in computing the approximate size of an item with limiting the freshness calls by size.	
PRECEDENCE: 10	ENTITY FILE: PACKAGE
NUMBER: nnn	NAME: HMP EXTRACT DISK SIZE LIMIT
DISPLAY TEXT: Extracts Size Limit (MBs)	
VALUE TERM: HMP XTMP Megabytes	VALUE DATA TYPE: numeric
VALUE DOMAIN: 10:2000:0	
VALUE HELP: Enter the # of megabytes of data that triggers a requeue (10-2000)	
DESCRIPTION:	
Maximum size (megabytes) of all VPR extracts in ^XTMP("VPRFX~*") waiting to be sent to HMP servers as part of getPtUpdates.	
If maximum is reached, patient domain extract Taskman jobs will be requeued to a future time, as specified in the VPR EXTRACT TASK REQUEUE SECS parameter. At that time, this maximum check will be performed again.	
Also, this maximum check occurs when an executing extract job is about to start another domain extract. If maximum size has been reached, the job will hang the number of seconds specified by the VPR EXTRACT TASK REQUEUE SECS parameter. The maximum check will occur again after the hang time has expired.	
This limit is needed to insure the ^XTMP global does not get too big during initial/resync domain extract processing and cause disk full errors.	
PRECEDENCE: 1	ENTITY FILE: SYSTEM
NUMBER: nnn	NAME: HMP EXTRACT TASK REQUEUE SECS
DISPLAY TEXT: seconds to requeue task or hang job	
VALUE TERM: Requeue/Hang seconds	VALUE DATA TYPE: numeric
VALUE DOMAIN: 5:60:0	VALUE HELP: Enter 5 to 60 seconds
DESCRIPTION:	
When extract task cannot be run because of possible ^XTMP disk concerns, this parameter is used to requeue the task to a future date/time or hang an extract job currently executing.	

New Parameters

^XTMP disk space frees up as other already generated extracts are sent to the various HMP servers.

Allowed Values: 5 to 60 (5 seconds to 1 minute)

Default: 10 (if parameter not set)

Initialized: 10 (set in post-init during first install)

PRECEDENCE: 1 ENTITY FILE: SYSTEM

NUMBER: nnn NAME: HMP JSON SCHEMA

DISPLAY TEXT: HMP JSON Extract Schema

VALUE TERM: JSON Schema Version VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:999:4

VALUE HELP: Enter the version / build number for the HMP Schema

DESCRIPTION:

This contains the version number of the HMP schema which describes the JSON objects produced by the HMP extracts. The whole number increments whenever the schema changes in a way that requires a conversion or re-extraction of objects. The fractional piece increments whenever the schema is extended.

PRECEDENCE: 1 ENTITY FILE: PACKAGE

NUMBER: nnn NAME: HMP LOCATIONS

DISPLAY TEXT: HMP Locations MULTIPLE VALUED: Yes

INSTANCE TERM: Clinic VALUE TERM: Synchronized

VALUE DATA TYPE: yes/no INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 44

INSTANCE HELP: Enter clinic to synch with HMP

PRECEDENCE: 5 ENTITY FILE: DIVISION

NUMBER: nnn NAME: HMP PARAMETERS

DISPLAY TEXT: HMP SYSTEM PARAMETERS MULTIPLE VALUED: Yes

INSTANCE TERM: System Parameters VALUE TERM: System Parameters Name

VALUE DATA TYPE: word processing INSTANCE DATA TYPE: free text

DESCRIPTION:

This parameter stores a list of parameters used by the HMP middle tier and the HMP UI.

whenever the schema changes in a way that requires a conversion or re-extraction of objects. The fractional piece increments whenever the schema is extended.

PRECEDENCE: 6 ENTITY FILE: SYSTEM

PRECEDENCE: 1 ENTITY FILE: USER

NUMBER: nnn NAME: HMP SYSTEM NAME

DISPLAY TEXT: Hashed System Name VALUE DATA TYPE: free text

VALUE DOMAIN: 1:10

VALUE HELP: Enter the CRC hashed name for this system.

DESCRIPTION:

This parameter holds the name of this Vista system, as a hashed base 16 value. It is calculated by a HMP patch post-init and stuffed into the System level value, and should NOT be modified.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

NUMBER: nnn NAME: HMP TASK WAIT TIME

DISPLAY TEXT: HMP TASK WAIT TIME VALUE TERM: #SECONDS

VALUE DATA TYPE: numeric VALUE DOMAIN: 1:9999

VALUE HELP: Enter the number of seconds to wait before the HMP Data Monitor re-queues

KEYWORD: HMP

INSTANCE DATA TYPE: free text

DESCRIPTION:

This is the number of seconds that the system will wait before re-queuing the HMP Data Monitor background job.

PRECEDENCE: 1 ENTITY FILE: PACKAGE

PRECEDENCE: 2 ENTITY FILE: SYSTEM

NUMBER: nnn NAME: HMP VERSION

New Parameters

DISPLAY TEXT: HMP Version	VALUE TERM: Version:
VALUE DATA TYPE: numeric	VALUE DOMAIN: 1:99:2
VALUE HELP: Enter the current version number of the HMP data extracts.	
INSTANCE DATA TYPE: free text	
DESCRIPTION:	
This parameter holds the current version number of the eHMP Patient Record (HMP) data extract RPC's, in the form V.PP where V is the package version number and PP is the latest patch number.	
PRECEDENCE: 1	ENTITY FILE: PACKAGE
PRECEDENCE: 1	ENTITY FILE: USER