Taxonomy System
Version 5.1
(ATX)

Technical Manual

February 1997
# Table of Contents

System Description and Requirements ................................................................. 1
Option Descriptions, Security Keys, and Help Frames ........................................... 2
Files and File Descriptions .................................................................................. 10
Input, Print and Sort Templates .......................................................................... 21
Routines .............................................................................................................. 22
System Description and Requirements

System contains the taxonomy menu for creation and maintenance of taxonomies and the research and reports menu which creates search template containing either patients or POVs relating to a particular taxonomy. This menu also contains the search template system and FileMan (General). The system contains three files, the PT TAXONOMY file the TAXONOMY file, and the LAB TAXONOMY file.
Option Descriptions, Security Keys, and Help Frames

Taxonomy System (ATXMENU)

-MAIN Taxonomy Maintenance
  ----------- ADD Create A Taxonomy
  [ATXMAINT] [ATXADD]

  ----------- MOD Modify A Taxonomy
  [ATXMODIFY]

  ----------- DEL Delete A Taxonomy
  [ATXDELTAX]

  ----------- BUL Enter Bulletin For A Taxonomy
  [ATXBULL]

  ----------- RBL Remove Bulletin From A Taxonomy
  [ATXREMBUL]

  ----------- ENT Enter Patients Into Pt Taxonomy File
  [ATXENTPTS]

  ----------- REM Remove Patients From The Pt Taxonomy File
  [ATXPTAXDEL]

  ----------- TAX Description Of A Taxonomy
  [ATXINQTAX]
DENT
Delete Entries From An Existing Search Template
[ATSDELENTRIES]

CNT
Count Entries In A Search Template
[ATSCOUNT]

SRT
Inquire Into Sort/Search Template File
[ATSORT]

DEL
Delete Search Template
[ATSDELETE SORT]

SAVE
Save Search Template
[ATSMANAGE]

---FGEN FileMan--- Search (General) File Entries
[AKMOFMAN] Entries
[DISEARCH]

2 Print File Entries
[DIPRINT]

3 Inquire to File Entries
[DIINQUIRE]

4 Statistics
[DISTATISTIC ICS]
OPTION DESCRIPTIONS FOR EACH PACKAGE OPTION

NAME: ATXADD TYPE: run routine
TEXT: Create A Taxonomy
DESCRIPTION ---------------------------------------------------------------­
You can create a new taxonomy with this option. Additionally, if an existing
taxonomy has no ICD codes entered for it, you would use this option to enter
the codes. When entering a range of codes, letters follow numbers.
*****************************************************************************

NAME: ATXBULL TYPE: run routine
TEXT: Enter Bulletin For A Taxonomy
DESCRIPTION ---------------------------------------------------------------­
Enter name of bulletin you want triggered when an entry from a taxonomy occurs
for a patient
*****************************************************************************

NAME: ATXDELTAX TYPE: run routine
TEXT: Delete A Taxonomy
DESCRIPTION ---------------------------------------------------------------­
This option allows deletion of a taxonomy. When you delete a taxonomy, the
patients stored under this taxonomy in the Pt Taxonomy file will be removed.
The taxonomy will be deleted from both the Taxonomy and Pt Taxonomy file.. (Of
course the taxonomy and its associated patients will be deleted only if you
chose to add them in the first place.) You will not be able to select a
taxonomy for modification if you were not the creator of that taxonomy.
*****************************************************************************

NAME: ATXEARCH TYPE: run routine
TEXT: Create Search Template (Linked To Patient File)
DESCRIPTION ---------------------------------------------------------------­
Allows user to take the patients within a taxonomy and create a search
template attached to the patient file. These patients are now stored within
this search template. The template can be used for sort purposes in the Print
option of FileMan. The names of these patients along with any other of the
data in the patient or other files can then be printed or displayed.
*****************************************************************************

NAME: ATXENPTS TYPE: run routine
TEXT: Enter Patients Into Pt Taxonomy File
DESCRIPTION ---------------------------------------------------------------­
All patients who had a purpose of visit whose ICD Diagnosis code is located
within the Taxonomy of your creation, will be placed in the Pt Taxonomy file
under the appropriate taxonomy. Either all patients who ever had a purpose of
visit related to this taxonomy will be in the Pt Taxonomy file (this list will
be prospectively updated) or you may elect to have patients entered starting
at a visit date between today and one year from today.
*****************************************************************************
NAME: ATXINQPAT   TYPE: inquire
TEXT: List Patients Within A Taxonomy
PRINT TEMPLATE: [ATXPATINQ]

DESCRIPTION
All patients within a taxonomy be listed. A count be displayed at the end of
the listing. If you want to queue or do statistics with this cohort of
patients, utilize the FileMan(General) options. Select the Pt Taxonomy file.

NAME: ATXINQTAX   TYPE: inquire
TEXT: Description Of A Taxonomy

DESCRIPTION
A description of the taxonomy will be displayed as well as the ICD code ranges
for this taxonomy.

NAME: ATXMAINT   TYPE: menu
TEXT: Taxonomy Maintenance
ACTION: D^ATXBAN W !?28,"Taxonomy Maintenance Menu",!

DESCRIPTION
A menu of options which allows creation, modification, and deletion of
taxonomies.

NAME: ATXMENU   TYPE: menu
TEXT: Taxonomy System
ACTION: D^ATXBAN

DESCRIPTION
Contains the taxonomy system. Allows the creation and maintenance of patient
taxonomies. Has options to compare search templates and produce ad hoc
retrievals and reports based on patient data.
NAME: ATXMODIFY
TEXT: Modify A Taxonomy
TYPE: run routine
LOCK:

DESCRIPTION
Allow removal or deletion of ICD codes in an existing taxonomy. If ICD codes have not been entered in a taxonomy, the Create A Taxonomy option should be used. You will not be able to select a taxonomy for modification if you were not the creator of that taxonomy.

NAME: ATXSEARCH
TEXT: Research And Reports
TYPE: menu
LOCK:

ACTION: D^ATXBAN W !?128,"Research and Reports Menu",!
MENU ITEM SYNONYM
------------------------------------------
AKMOFMAN RMG
ATXSEARCH PAT
ATXPOVSEARCH POV
ATSMENU STS

DESCRIPTION
This menu contains options to create search templates linked to either the V POV or PATIENT files with entries lifted from a defined taxonomy. It also contains the search template comparison utility, an option to allow deletion of existing search templates, and FileMan general.

NAME: ATXPOVSEARCH
TEXT: Create Search Template (Linked To V POV File)
TYPE: run routine
LOCK:

DESCRIPTION
This option will go through the V POV (Purpose of Visit) file and find all purpose of visits that are within the taxonomy of interest. These entries will be linked to the V POV file. You can then use the Search Template Comparison option to find all females, patients of particular age ranges, a range of visit dates, etc. from these V POV entries.

NAME: ATXPTAXDEL
TEXT: Remove Patients From The Pt Taxonomy File
TYPE: run routine
LOCK:

DESCRIPTION
A user can delete a patient list from the Pt Taxonomy file if he/she initially created the patient list.

NAME: ATXRCHDEL
TEXT: Delete Search Template
TYPE: edit
LOCK:

NAME: ATXREMBULL
TEXT: Delete Search Template
TYPE: run routine
LOCK:

DESCRIPTION
This option will remove a bulletin from a taxonomy. It will also delete the bulletin that was created for this taxonomy.
SECURITY KEY LISTING FOR THE PACKAGE

REPORT DATE: 02/10/97

============================================================================

SECURITY KEY: ATX2MENU

DESCRIPTION: --------------------------------------------------------------­
LOCKS THE TAXONOMY SYSTEM MAIN MENU
## Files and File Descriptions

LIST OF ALL FILES FOR THE *** TAXONOMY *** PACKAGE

---

<table>
<thead>
<tr>
<th>PACKAGE NAME</th>
<th>FILE NUMBER</th>
<th>GLOBAL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTTAXONOMY</td>
<td>9002227</td>
<td>^ATXPAT(</td>
</tr>
<tr>
<td>TAXONOMY</td>
<td>9002226</td>
<td>^ATXAX(</td>
</tr>
<tr>
<td>LABTAXONOMY</td>
<td>9002228</td>
<td>^ATXLAB(</td>
</tr>
</tbody>
</table>
Stores the taxonomies utilized by the Taxonomy System (strictly ICD DIAGNOSIS related) and Q-MAN (taxonomies can be related to any related group of entries in another file i.e. meds, labs, communities, tribes).

<table>
<thead>
<tr>
<th>DATA ELEMENT</th>
<th>NAME</th>
<th>GLOBAL LOCATION</th>
<th>TYPE</th>
</tr>
</thead>
</table>

**DD ACCESS:** @  
**RD ACCESS:** M  
**WR ACCESS:** M  
**DEL ACCESS:** M  
**LAYGO ACCESS:** M

**IDENTIFIED BY:** BRIEF DESCRIPTION (#.02)

**POINTED TO BY:** TAXONOMY field (#.01) of the TAXONOMY sub-field (#80-999999941) of the ICD DIAGNOSIS File (#80)  
NAME field (#.01) of the PT TAXONOMY File (#9002227)

**CROSS-REFERENCED BY:** HIGH VALUE(AA), QMAN LINK(AC), NAME(B)

**9002226,.01 NAME**  
O;1 FREE TEXT (Required)

**INPUT TRANSFORM:** K:\$L(X)>30!(X?M)!($L(X)<3)!'(X?1P.E)!('D(ATX FLG)) X

**HELP-PROMPT:** NAME MUST BE 3-30 CHARACTERS, NOT NUMERIC OR STARTING WITH PUNCTUATION

**NOTES:** XXXX--CAN’T BE ALTERED EXCEPT BY PROGRAMMER

**CROSS-REFERENCE:** 9002226@B  
1)= S ^ATXAX(“B”,$E(X,1,30),DA)=""  
2)= K ^ATXAX(“B”,$E(X,1,30),DA)

**9002226,.02 BRIEF DESCRIPTION**  
0;2 FREE TEXT

**INPUT TRANSFORM:** K:\$L(X)>30!(X?M)!($L(X)<3) X

**LAST EDITED:** MAY 27, 1990

**HELP-PROMPT:** Answer must be 3-30 characters in length.

**9002226,.03 LOCATION**  
0;3 POINTER TO LOCATION FILE (#9999999.06)

**LAST EDITED:** APR 17, 1991

**HELP-PROMPT:** Enter the visit location for which bulletins are to be sent. No location entered means bulletins sent regardless of where the patient was seen.
<table>
<thead>
<tr>
<th>DATA ELEMENT</th>
<th>NAME</th>
<th>GLOBAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>9002226,.04</td>
<td>NODELETE</td>
<td>0;4 SET 'n' FOR NODELETE;</td>
</tr>
<tr>
<td>9002226,.05</td>
<td>CREATOR</td>
<td>0;5 POINTER TO NEW PERSON FILE (#200)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAST EDITED: JUL 14, 1994</td>
</tr>
<tr>
<td>9002226,.06</td>
<td>STARTING DATE FOR PATIENT LIST</td>
<td>0;6 DATE</td>
</tr>
<tr>
<td></td>
<td>INPUT TRANSFORM:</td>
<td>S %DT=&quot;EX&quot; D ^%DT S X=Y K:Y&lt;l!(DT+10 000&lt;X) X</td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>APR 12, 1991</td>
</tr>
<tr>
<td></td>
<td>HELP-PROMPT:</td>
<td>Enter the date you would like the patient list to begin. You may start from any date in the past or a future date up to one year from today.</td>
</tr>
<tr>
<td></td>
<td>NOTES:</td>
<td>XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER</td>
</tr>
<tr>
<td>9002226,.07</td>
<td>BULLETIN</td>
<td>0;7 POINTER TO BULLETIN FILE (#3.6)</td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>MAR 1, 1993</td>
</tr>
<tr>
<td></td>
<td>HELP-PROMPT:</td>
<td>ENTER THE NAME OF THE BULLETIN ASSOCIATED WITH THIS TAXONOMY</td>
</tr>
<tr>
<td>9002226,.08</td>
<td>CREATED BY TAXONOMY SYSTEM</td>
<td>0;8 SET</td>
</tr>
<tr>
<td></td>
<td>'0' FOR NO;</td>
<td>'1' FOR YES;</td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>MAR 7, 1990</td>
</tr>
<tr>
<td></td>
<td>HELP-PROMPT:</td>
<td>TO BE ENTERED BY SOFTWARE ONLY!</td>
</tr>
<tr>
<td>9002226,.09</td>
<td>DATE CREATED</td>
<td>0;9 DATE</td>
</tr>
<tr>
<td></td>
<td>INPUT TRANSFORM:</td>
<td>S %DT=&quot;EX&quot; D ^%DT S X=Y K:Y&lt;l X</td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>MAR 12, 1990</td>
</tr>
<tr>
<td>9002226,.11</td>
<td>BULLETIN SERVICE CATEGORY</td>
<td>0;11 SET</td>
</tr>
<tr>
<td></td>
<td>'A' FOR AMBULATORY;</td>
<td>'H' FOR HOSPITALIZATION;</td>
</tr>
<tr>
<td></td>
<td>'B' FOR BOTH AMBULATORY AND HOSPITALIZATION;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>AUG 16, 1990</td>
</tr>
<tr>
<td></td>
<td>HELP-PROMPT:</td>
<td>Enter the service category type for which you would like a bulletin issued.</td>
</tr>
<tr>
<td>DATA ELEMENT</td>
<td>NAME</td>
<td>GLOBAL DATA</td>
</tr>
<tr>
<td>--------------</td>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>9002226,.12</td>
<td>QMAN-LINK</td>
<td>0;12 POINTER To QMAN DICTIONARY OF LINKS FILE (#9009071)</td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>FEB 25, 1991</td>
</tr>
<tr>
<td></td>
<td>1) = S &quot;ATXAX(&quot;AC&quot;,&quot;E(X,1,30),DA)==&quot;&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2) = K &quot;ATXAX(&quot;AC&quot;,&quot;E(X,1,30),DA)</td>
<td></td>
</tr>
<tr>
<td>9002226,.13</td>
<td>NON-CANONIC</td>
<td>0;13 SET</td>
</tr>
<tr>
<td></td>
<td>'1' FOR YES;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>'0' FOR NO;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>FEB 25, 1991</td>
</tr>
<tr>
<td>9002226,.14</td>
<td>X-REF</td>
<td>0;14 FREE TEXT</td>
</tr>
<tr>
<td></td>
<td>INPUT TRANSFORM:</td>
<td>K:$L(X)&gt;7!(+$L(X)&lt;1) X</td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>FEB 25, 1991</td>
</tr>
<tr>
<td>9002226,.15</td>
<td>FILE</td>
<td>0;15 POINTER TO FILE FILE (#1)</td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>MAR 11, 1992</td>
</tr>
<tr>
<td>9002226,.16</td>
<td>RANGE</td>
<td>0;16 SET</td>
</tr>
<tr>
<td></td>
<td>'1' FOR YES;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>'0' FOR NO;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAST EDITED:</td>
<td>FEB 25, 1991</td>
</tr>
<tr>
<td>9002226,.17</td>
<td>SEND BULLETIN IF RECENTLY SENT</td>
<td>0;17 SET</td>
</tr>
<tr>
<td></td>
<td>'N' FOR NO;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>'Y' FOR YES</td>
<td></td>
</tr>
<tr>
<td>DATA ELEMENT</td>
<td>NAME</td>
<td>GLOBAL DATA</td>
</tr>
<tr>
<td>--------------</td>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>9002226,018</td>
<td>LOCATION OF ENCOUNTER 0;18 POINTER TO LOCATION FILE (#9999999.06)</td>
<td>OCT 26, 1992</td>
</tr>
<tr>
<td>9002226,19</td>
<td>SEND BULLETIN-1ST VISIT ONLY 0;19 SET</td>
<td>JUL 08, 1996</td>
</tr>
<tr>
<td>9002226,21</td>
<td>VISIT TYPE 0;21 FREE TEXT</td>
<td>JUL 15, 1996</td>
</tr>
</tbody>
</table>

9002226,1101 EXTENDED DESCRIPTION 11;0 WORD-PROCESSING #9002226.01101

9002226,2101 VALUE 21;0 Multiple #9002226.02101 (Add New Entry without Asking)
**Data Element: Low Value**

**Name:** 9002226.02101.

**Title:** 0;1

**Location:** FREE TEXT

**Type:** (Multiply asked).

**Input Transform:**

K:XI""""!(A(X)=45) X I $D(X) K:$L(X)>63!(L(X)<1) X

**Last Edited:** FEB 25, 1991

**Help-Prompt:** Answer must be 1-63 characters in length.

**Cross-Reference:** 9002226.02101^B

1) S ^ATXAX(DA(1),21,"B",$E(X,1,30),DA)="
2) KAATXAX(DA(1),21,"B",$E(X,1,30),DA)

**Data Element: High Value**

**Name:** 9002226.02101.

**Title:** 0;2

**Location:** FREE TEXT

**Input Transform:**

K:XI""""!(A(X)=45) X I $D(X) K:$L(X)>63!(L(X)<1) X

**Last Edited:** FEB 25, 1991

**Help-Prompt:** Answer must be 1-63 characters in length.

**Cross-Reference:** 9002226^AA^MUMPS

1) = N %,A A=$S($E(X,$L(X))=" ":":",$P(^ATXAX (DA(1),O),U,13):"",1:""), %==$P(^ATXAX(DA(1), 21,DA,O),U)_A,"^ATXAX(DA(1),21,"AA",%,(X-A))=""

2) = N % S %==$P(^ATXAX(DA(1),21,DA,O),U) S:($E(%,SL(%)')="")&($P(^ATXAX(DA(1),O),U,13)) %= = %=" K ^ATXAX(DA(1),21,"AA",%)

**Pre Bulletin Code:** 9002226,3101

**Name:** PRE BULLETIN CODE

**Title:** 31;E1,245

**MUMPS**

**Input Transform:**

K:$L(X)>245 X D:$D( X) A DIM

**Last Edited:** MAY 10, 1994

**Help-Prompt:** This is Standard MUMPS code.

**Write Authority:** @

**Files Pointed To**

- BULLETIN (#3.6)
- FILE (#1)
- LOCATION (#9999999.06)
- NEW PERSON (#200)
- QMAN DICTIONARY OF LINKS (#9009071)

**Fields**

- BULLETIN (#.07)
- FILE (#.15)
- LOCATION (#.03)
- LOCATION OF ENCOUNTER (#.18)
- CREATOR (#.05)
- QMAN LINK (#.12)

**Input Template(S):**

**Print Template(S):**

- CAPTIONED

**Sort Template(S):**

- LORI JUL 18, 1994 13:52 USER #6
<table>
<thead>
<tr>
<th>DATA</th>
<th>NAME</th>
<th>GLOBAL DATA</th>
<th>LOCATION</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>STORED IN ^ATXAX(3 ENTRIES) SITE: TUCSON DEVELOPMENT ALTOS UCI: DEV,DEV (VERSION 5.1)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Stores the patients who have had a purpose of visit that is a member of one of the taxonomies in the TAXONOMY file

- **DD ACCESS:** @
- **RD ACCESS:** M
- **WR ACCESS:** M
- **DEL ACCESS:** M
- **LAYGO ACCESS:** M

**CROSS REFERENCED BY:** NAME(B)

9002227,.01 NAME O;1 POINTER TO TAXONOMY FILE (#9002226) (Required)

**INPUT TRANSFORM:** S:$D(X) DINUM=X

**NOTES:** XXXX--CANT BE ALTERED EXCEPT BY PROGRAMMER

**CROSS-REFERENCE:** 9002227^B
1) = S ^ATXPAT("B",$E(X,1,30),DA)="
2) = K ^ATXPAT("B",$E(X,1,30),DA)

9002227,.02 DATE CREATED 0;2 DATE

**INPUT TRANSFORM:** S %DT="ET" D ^%DT S X=Y K:Y<1 X

9002227,.03 USER 0;3 POINTER TO NEW PERSON FILE (#200)

**LASTEDITED:** JUL 14, 1994

**UNEDITABLE**

9002227,1101 PATIENT 11;0 POINTER Multiple #9002227.01101
(Add New Entry without Asking)

9002227.01101,.01PATIENT 0;1 POINTER TO PATIENT/IHS FILE (#900000 1) (Required)

**INPUT TRANSFORM:** S:$D(X) DINUM=X

**LASTEDITED:** MAR 21, 1991

**NOTES:** XXXX--CANT BE ALTERED EXCEPT BY PROGRAMMER
<table>
<thead>
<tr>
<th>DATA ELEMENT</th>
<th>NAME</th>
<th>GLOBAL DATA</th>
<th>DATA TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>9002227.01</td>
<td>COUNT</td>
<td>0;2</td>
<td>NUMBER</td>
</tr>
</tbody>
</table>

**INPUT TRANSFORM:**

\[ K: +X' = X! (X>9999999) \! (X<0) \! (X\.E1 \"1N.N\) X \]

**HELP-PROMPT:**

Type a Number between 0 and 9999999, 0 Decimal Digits

**DESCRIPTION:**

Count will be direct set by program. If count gets to zero, the patient will be deleted from the taxonomy.

**FILES POINTED TO**

- NEW PERSON (#200)
- PATIENT/IHS (#9000001)
- TAXONOMY (#9002226)

**INPUT TEMPLATE(S):**

ATXPATINQ  MAR 09, 1989

**PRINT TEMPLATE(S):**

ATXPATINQ  MAR 09, 1989

**SORT TEMPLATE(S):**

PATIENT TAXONOMY LISTING
Stores the taxonomies utilized by the Taxonomy System (strictly ICD DIAGNOSIS related) and Q-MAN (taxonomies can be related to any related group of entries in another file i.e. meds, labs, communities, tribes).

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

IDENTIFIED BY: BRIEF DESCRIPTION (#.02)

CROSS
REFERENCED BY: NAME(B)

CREATED ON: JUL 6,1994

INPUT TRANSFORM: K:$L(X)>30!(X?.N)!($L(X)<3)!'(X'?1P.E) X
HELP-PROMPT: NAME MUST BE 3-30 CHARACTERS, NOT NUMERIC OR STARTING WITH PUNCTUATION
NOTES: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER
CROSS-REFERENCE: 9002228^B
1)= S ^ATXLAB("B",$E(X,1,30),DA)=""
2)= K ^ATXLAB("B",$E(X,1,30),DA)

LAST EDITED: JUL 7, 1994
HELP-PROMPT: Answer must be 3-50 characters in length.

LOCATION
LAST EDITED: APR 17, 1991
HELP-PROMPT: Enter the visit location for which bulletins are to be sent. No location entered means bulletins sent regardless of where the patient was seen.

NODELETE
'¬' FOR NODELETE
<table>
<thead>
<tr>
<th>DATA ELEMENT</th>
<th>NAME</th>
<th>GLOBAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>STORED IN</td>
<td>^ATXAX( (8 ENTRIES) SITE: TUCSON DEVELOPMENT ALTOS UCI: DEV,DEV (VERSION 5.1)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DATA NAME</th>
<th>TITLE</th>
<th>LOCATION</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>9002228,.05</td>
<td>USER LAST UPDATED</td>
<td>0;5</td>
<td>POINTER TO NEW PERSON FILE (#200)</td>
</tr>
<tr>
<td>LAST EDITED:</td>
<td>JUL 18, 1994</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9002228,.06</td>
<td>DATE LAST UPDATED</td>
<td>0;6</td>
<td>DATE</td>
</tr>
<tr>
<td>INPUT TRANSFORM:</td>
<td>S %DT=&quot;EX&quot; D ^%DT S X=Y K:Y&lt;1 X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAST EDITED:</td>
<td>JUL 6, 1994</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9002228,.07</td>
<td>QMAN LINK</td>
<td>0;7</td>
<td>POINTER TO QMAN DICTIONARY OF TERMS FILE (#9009075)</td>
</tr>
<tr>
<td>LAST EDITED:</td>
<td>JUL 6, 1994</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9002228,.08</td>
<td>X-REF</td>
<td>0;8</td>
<td>FREE TEXT</td>
</tr>
<tr>
<td>INPUT TRANSFORM:</td>
<td>K:$L(X)&gt;7!($L(X)&lt;1) X</td>
<td></td>
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</tr>
<tr>
<td>LAST EDITED:</td>
<td>JUL 6, 1994</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HELP-PROMPT:</td>
<td>Enter the X-Ref used to determine range.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9002228,.09</td>
<td>FILE</td>
<td>0;9</td>
<td>POINTER TO FILE FILE (#1)</td>
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<tr>
<td>LAST EDITED:</td>
<td>JUL 6, 1994</td>
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</tr>
<tr>
<td>9002228,1101</td>
<td>EXTENDED DESCRIPTION</td>
<td>11;0</td>
<td>WORD-PROCESSING #9002228.01101</td>
</tr>
<tr>
<td>9002228,2101</td>
<td>LAB TESTS</td>
<td>21;0</td>
<td>POINTER Multiple #9002228.02101 (Add Mew Entry without Asking)</td>
</tr>
<tr>
<td>9002228.02101,.01</td>
<td>LAB TEST</td>
<td>0;1</td>
<td>POINTER TO LABORATORY TEST FILE (#60 ) (Multiply asked)</td>
</tr>
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<td>LAST EDITED:</td>
<td>JUL 6, 1994</td>
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<tr>
<td>CROSS-REFERENCE:</td>
<td>9002228.02101^B</td>
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</tr>
<tr>
<td>1)= S ^ATXLAB(DA(1),21,&quot;B&quot;,$E(X,1,30),DA)=&quot;&quot;</td>
<td></td>
<td></td>
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<tr>
<td>2)= K ^ATXLAB(DA(1),21,&quot;B&quot;,$E(X,1,30),DA)</td>
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<tr>
<td>9002228.02101,1101</td>
<td>SITE/SPECIMEN</td>
<td>11;0</td>
<td>POINTER Multiple #9002228-210111</td>
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<td>9002228.210111,.01</td>
<td>SITE/SPECIMEN</td>
<td>0;1</td>
<td>POINTER TO TOPOGRAPHY FIELD FILE ( #61)</td>
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<tr>
<td>DATA ELEMENT</td>
<td>NAME</td>
<td>GLOBAL DATA</td>
<td>LOCATION</td>
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<td>-</td>
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<td>(Required)</td>
<td>(Multiply asked)</td>
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LAST EDITED: JUL 6, 1994  
CROSS-REFERENCE: 9002228.210111^B

1) = S "ATXLAB(DA(2),21,DA(1),11,"B",$E(X,1,30),DA)=""
2) = K "ATXLAB(DA(2),21,DA(1),11,"B",$E(X,1,30),DA)"

FILES POINTED TO  

<table>
<thead>
<tr>
<th>FIELDS</th>
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<tbody>
<tr>
<td>FILE (#1)</td>
</tr>
<tr>
<td>LABORATORY TEST (#60)</td>
</tr>
<tr>
<td>LOCATION (#9999999.06)</td>
</tr>
<tr>
<td>NEW PERSON (#200)</td>
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<td>QMAN DICTIONARY OF TERMS (#9009075)</td>
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<tr>
<td>TOPOGRAPHY FIELD (#61)</td>
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INPUT TEMPLATE(S):  
ATX ADD LAB TAXONOMY  
JUL 18, 1994@10:50 USER #6

PRINT TEMPLATE(S):  
SORT TEMPLATE(S):
Input, Print and Sort Templates

### List of All Input Templates for the Package

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<thead>
<tr>
<th>Input Template Name</th>
<th>File</th>
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<tbody>
<tr>
<td>ATX ADD LAB TAXONOMY</td>
<td>9002228</td>
</tr>
<tr>
<td>ATXDEL</td>
<td>.401</td>
</tr>
<tr>
<td>ATXSEARCH</td>
<td>.401</td>
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</table>

### List of All Print Templates for the Package

<table>
<thead>
<tr>
<th>Print Template Name</th>
<th>File</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATXPATINO</td>
<td>9002227</td>
</tr>
</tbody>
</table>
Routines

DEV,DEV 02/10/97 FIRST LINE LIST:
ATX21FX ; IHS/OHPRD/TMJ - FIX ATXAX GLOBAL MULTIPLE 21 NODE ; ;5.1;TAXONOMY;JUL 05, 1996
ATX50P1 ; IHS/OHPRD/TMJ - PATCH 1 - UPDATE SURVEILLANCE TB TAXONOMY WITH NEW ICD9 CODE ; ;5.1;TAXONOMY;JUL 05, 1996
ATXAX ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - TAXONOMY FOR ICD9 CODES INTO ICD DIAG FILE ; ;5.1;TAXONOMY;JUL 05, 1996
ATXBAN ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - TAX BANNER ; ;5.1;TAXONOMY;JUL 05, 1996
ATXBULL ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - THL ROUTINE TO TRIGGER PT TAXONOMY BULLETIN ; [ 09/12/96 7:52 AM ] ;5.1;TAXONOMY;JUL 05, 1996
ATXBULL2 ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - AND DELETE BULLETINS FOR A TAXONOMY ; ;5.1;TAXONOMY;JUL 05, 1996
ATXCHK ; IHS/OHPRD/TMJ - CHECK ICD CODES AGAINST TAXONOMY ; ;5.1;TAXONOMY;JUL 05, 1996
ATXCODE ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - INTERFACE TO SELECT ICD CODES ; ;5.1;TAXONOMY;JUL 05, 1996
ATXCODE0 ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - EXTENSION OF ROUTINE ATXCODE ; ;5.1;TAXONOMY;JUL 05, 1996
ATXCODE1 ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - CODE RANGES IN TABLE ; ;5.1;TAXONOMY;JUL 05, 1996
ATXCODE2 ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - CODES IF MODIFYING AND ENTERS CODES INTO FILE ; ;5.1;TAXONOMY;JUL 05, 1996
ATXDEL ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - ICD CODES FOR A GIVEN TAXONOMY BEFORE MODIFICATION ; ;5.1;TAXONOMY;JUL 05, 1996
ATXEMP ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - ICD CODES FOR A GIVEN TAXONOMY BEFORE MODIFICATION ; ;5.1;TAXONOMY;JUL 05, 1996
ATXENP ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - CREATES AND ENTERS PTS INTO PT TAXONOMY FILE ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN001 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN002 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN003 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN004 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN005 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN006 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN007 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN008 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN009 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
ATXIN00A ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ; ;5.1;TAXONOMY;JUL 05, 1996
DEV,DEV  02/10/97  FIRST LINE LIST:
ATXIN00B ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00C ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00D ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00E ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00F ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00G ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00H ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00I ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXIN00J ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXINIS ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXINIT ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXINIT1 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXINIT2 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXINIT3 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXINIT4 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXINIT5 ; IHS/OHPRD/TMJ - NO DESCRIPTION PROVIDED ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXLABA ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - TAXONOMY FOR ICD9 CODES INTO ICD DIAG FILE ; [ 09/05/96  12:36 PM ]
;;5.1;TAXONOMY;;JUL 05, 1996
ATXMOD ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - ICD9 TAXONOMY FIELD ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPAT ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - ENTER/EDIT PAT TAX FILE ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPOS1 ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - IHS-TUCSON/GIS/THL ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPOS2 ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - IHS-TUCSON/GIS/THL ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPOS3 ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - IHS-TUCSON/GIS/THL ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPOST ; IHS/OHPRD/TMJ - POST INIT VS 5.1 ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPOV ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - IF ICD CODE HAS A TAXON, ENTER PAT IN PT TAX FILE ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPREI ; IHS/OHPRD/TMJ - CREATED BY XBBPI ON JUL 5,1996 ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXPVT ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - CREATES A TEMPLATE LINKED TO POV FILE FOR ALL ENTRIES ;
;;5.1;TAXONOMY;;JUL 05, 1996
ATXRCH ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - SEARCH TEMPLATE PT FILE W/ PAT TAX NAMES ;
;;5.1;TAXONOMY;;JUL 05, 1996
DEV,DEV 02/10/97  FIRST LINE LIST:
ATXSTX ; IHS/OHPRD/TMJ - SEND TAXONOMY WITH PACKAGE ; [09/23/96 10:42 AM ]

ATXSTX2 ; IHS/OHPRD/TMJ - SEND TAXONOMY WITH PACKAGE ;

ATXTDL ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - DELETES PATIENT LIST AND TAXONOMY ENTRY IN PT TAXONOMY FILE ;

ATXTSK ; IHS/OHPRD/TMJ - TUCSON-OHPRD/LAB - CALL TO TASKMAN ;

ATXTX ; IHS/OHPRD/TMJ - CREATED BY ^ATXSTX ON OCT 25, 1996 ;

ATXTXA ; IHS/OHPRD/TMJ - CREATED BY ^ATXSTX ON OCT 25, 1996 ;

ATXX ; IHS/OHPRD/TMJ - CHECK CODE AGAINST TAXONOMY ; [09/23/96 10:43 AM ]

ATXXX ; IHS/OHPRD/TMJ - CREATED BY ^XBERTN ON JUL 08, 1996 ;

ATXXA ; IHS/OHPRD/TMJ - CREATED BY ^XBERTN ON JUL 08, 1996 ;

ATXXAA ; IHS/OHPRD/TMJ - CREATED BY ^XBERTN ON JUL 08, 1996 ;

ATXXB ; IHS/OHPRD/TMJ - CREATED BY ^XBERTN ON JUL 08, 1996 ;

ATXXXBA ; IHS/OHPRD/TMJ - CREATED BY ^XBERTN ON JUL 08, 1996 ;

63 ROUTINES