

ArcBITS Newsletter

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ArcSys Hot Tip

Let's say you are looking at a list of transactions (or appointments, visits, lab results) that is 60 pages in length. Pressing page down repeatedly can be tedious. If you enter #27 in the Select field, this will jump you to page 27 of the 60.

7 MONTHS LEFT UNTIL ICD-10 CUT-OVER!!

Rxnorm

Red Planet utilizes the Rxnorm data base provided by the National Library of Medicine as its source for medication names—a requirement of Meaningful Use. Over the years the data base has morphed and our understanding how it is assembled has evolved. The net result is that codes and names that you've been used could potentially be jumbled. This has made it a bit of challenge to make certain that your prescription data base is accurate as ArcSys provides Rxnorm updates to your system—usually every couple of months.

There are four primary components that make up an entry in the Rxnorm data base as implemented in Red Planet: 1) The atomic id, 2) the name, 3) concept id, and 4) the type. You would think that once these elements have been defined, they would never change. But they have and there in lies the rub and the challenge. Let's look at a sample of a medication as shown here:

ATOMIC	NAME.	CONCEPT	TYPE
943430	LORTAB	144254	BN
137559	FLUOXETINE	4493	IN
6358931	LORTAB 5 MG / 500 MG ORAL TABLET	857117	PSN
3610564	LORTAB 5/500 (HYDROCODONE BITARTRATE / APAP) ORAL TABLET	857117	SY
5080602	APAP 500 MG / HYDROCODONE BITARTRATE 5 MG ORAL TABLET [LORTAB]	857117	SY
5079203	ACETAMINOPHEN 500 MG / HYDROCODONE BITARTRATE 5 MG ORAL TABLET [LORTAB]	857117	SBD

The manufacturer may *change the name* from TABLET to ORAL TABLET. They may change EXTENDED RELEASE to 24 HR or 24HR. They may *eliminate* the old code and introduce a *new* code. Aspirin 81 MG, as an example, has 54 variations. To help know which one to select it is helpful to have an understanding of **Type**:

Type	Title	Description	Example
BN	Brand Name		Prozac
IN	Ingredient		Fluoxetine
PSN	Prescribable Name	Synonym of another type given for clarity and for display purposes in electronic prescribing applications. Only one PSN per concept.	Leena 28 Day Pack
SBD	Semantic Branded Drug Ingredient + Strength + Dose Form + Brand Name		Fluoxetine 4 MG/ML Oral Solution [Prozac]
SY	Synonym	Synonym of another type, given for clarity	Prozac 4 MG/ML Oral Solution

When searching for a medication *to prescribe*, look for the entry that is flagged as a PSN,

	A	B	C	D
<input type="checkbox"/>	1	787795	PROZAC 4 MG/ML ORAL SOLUTION	SY 104850
<input type="checkbox"/>	2	3090128	PROZAC 40 MG (FLUOXETINE HYDROCHLORIDE 44.8 MG) ORAL CAPSULE	SY 261287
<input type="checkbox"/>	3	6370000	PROZAC 40 MG ORAL CAPSULE	PSN 261287
<input type="checkbox"/>	4	1312092	PROZAC 40 MG ORAL CAPSULE	SY 261287
<input type="checkbox"/>	5	6339362	PROZAC 90 MG (FLUOXETINE HYDROCHLORIDE 100.8 MG) DELAYED RELEASE ORAL C	SY 598032
<input type="checkbox"/>	6	6339165	PROZAC 90 MG DELAYED RELEASE ORAL CAPSULE	SY 598032

first, then SY, and finally SBD. When searching for a medication to record as a *historical entry*, consider using the BN or IN entry since patients rarely recall their dosages. Even though Meaningful Use is meant to standardize the method by which different computer systems share information, we suspect there will be interesting things to re-learn and discover about Rxnorm. Recommendations for improvements are always welcome.



Multiple Column Colors

A new feature that is available in Red Planet is to allow multiple columns in a table display to have colors. This is an example of a list of scanned images where 3 columns have been defined to have colors: Type, Who, and Doc.

Setting up the multiple color columns is an easy task for a super user. Go into the FB program or click on the Tools icon on your main menu (far right button).

Select the file that you want to set up for column colors. In the example shown at right, the SI file was selected. Next, choose the Hilite option and click Ok. This will bring up the screen shown below.

You are allowed to have 4 columns defined for each file. Specify the field name to be "colored" in the tag "Which dictionary item". For each field chosen you can define 5 different colors for each data value out of the 10 available colors.

A word of advice: Less is more. Choosing too many columns, values, and colors can result in a very busy and hard-to-decipher display. Color should be used sparingly and primarily to draw attention to critical items.

	key	date	type	time	who	fox	note	signed
1	18197	10/17/14	CORRESPONDENCE	15:33	GNT		EMAIL FROM PT	
2	17885	09/16/14	MDVIP WELLNESS EXAM	18:53	LXB			
3	17806	09/09/14	CORRESPONDENCE	10:30	GNT		EMAIL FROM PT	
4	17486	07/28/14	LABRESULTS	08:45	GNT	72	CLEVELAND LAB	Y
5	1581C	12/23/13	OTHER	09:40	GNT		LOOKIN BODY	
6	16806	12/20/13	CONSULTATION	14:00	GNT	72	EMG	Y
								SEE IF SHE ARM SXS.
								INFO AND T
								SHE DOES
								DEAL WITH
								AND MAYE
7	1401E	05/01/13	MDVIP WELLNESS EXAM	14:11	LXB			
8	13954	04/23/13	DEMOGRAPHICS	13:39	AMC			
9	1391C	04/18/13	LABRESULTS	09:46	GNT	72	CLEVELAND LAB	Y
								WE 4/23/13
								that may h
								electrolyte
								PT CALLIN
								WITH INFO.
10	13875	04/15/13	DEMOGRAPHICS	07:28	TLN			
11	1357E	03/04/13	CONSULTATION	14:52	GNT	72	ORTHOPEDIC	Y
12	13544	02/27/13	CORRESPONDENCE	14:33	LXB		RECORDS REQUEST	
13	1351C	02/22/13	CORRESPONDENCE	14:10	GNT		RECORDS REQUEST	
14	13501	02/21/13	MRI	11:56	GNT	72	LUMBAR SPINE	Y
								let's have h
								can get her
								root. start t
15	1224E	09/11/12	INSURANCE CARDS	09:08	AMC			
16	11181	05/04/12	MDVIP WELLNESS EXAM	13:51	LXB			
17	1087E	03/30/12	CT/US	08:20	GNT	72	US BREAST	Y
								LOOKS LIK
								4/2/12 calle
								copy mailer
18	10877	03/29/12	MAMMOGRAM/DEXA	15:40	GNT	72	MAMMO	Y
19	8763C	08/17/11	CT/US	08:09	EXM	72	US BREAST	Y
								duplicate
								8/17/11 MA
								BREAST UI
20	71781	02/15/11	CT/US	14:31	GNT		US MAMMOGRAM	
21	71183	02/09/11	INSURANCE CARDS	13:48	LXB			
22	5853C	09/27/10	GI PROCEDURES	15:18	GNT	72	COLONOSCOPY	Y
23	3739C	01/14/10	CONSULTATION	16:04	EXM		OB/GYN	
24	36011	12/23/09	MAMMOGRAM/DEXA	14:22	GNT		MAMMO	
25	3570E	12/21/09	CT/US	09:19	GNT		US PELVIC	
26	3542E	12/17/09	PRESCRIPTIONS/ORDERS	08:48	EXM			
27	3542C	12/16/09	PRESCRIPTIONS/ORDERS	15:36	GNT			
28	2141E	07/14/09	PAP	10:07	GNT			
29	20691	07/02/09	CONSENT	11:16	EXM		T DAP	
30	7589	11/24/08	MAMMOGRAM/DEXA	15:01	GNT		MAMMO	

Color Hilite Selection

Which dictionary item: TYPE

1st Color: LAVENDER (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: LABRESULTS

2nd Color: PINK (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: CT/US X-RAY

3rd Color: SEAFOAM (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: GI PROCEDURES

4th Color: PEACH (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: RADIOLOGY

5th Color: (empty) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: (empty)

Which dictionary item: WHO

1st Color: ROBIN (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: GNT

2nd Color: FLUM (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: LXB

3rd Color: RUST (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: AMC

4th Color: CORAL (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: EXM

5th Color: (empty) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: (empty)

Which dictionary item: DOC

1st Color: OLIVE (selected) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: 72

2nd Color: (empty) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: (empty)

3rd Color: (empty) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: (empty)

4th Color: (empty) CONTRAST LAVENDER PINK SEAFOAM PEACH ROBIN FLUM RUST CORAL OLIVE

Data values: (empty)

Dictionary name

Color choices (10 available)

Can specify multiple values that will become this color in the column (use comma to separate)