

VFD\*15.0 123

Release Notes

March 2017



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OSEHRA JOURNAL SUBMISSION

VFD\*15.0\*123

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Pre-install Instructions

None.

Install Instructions

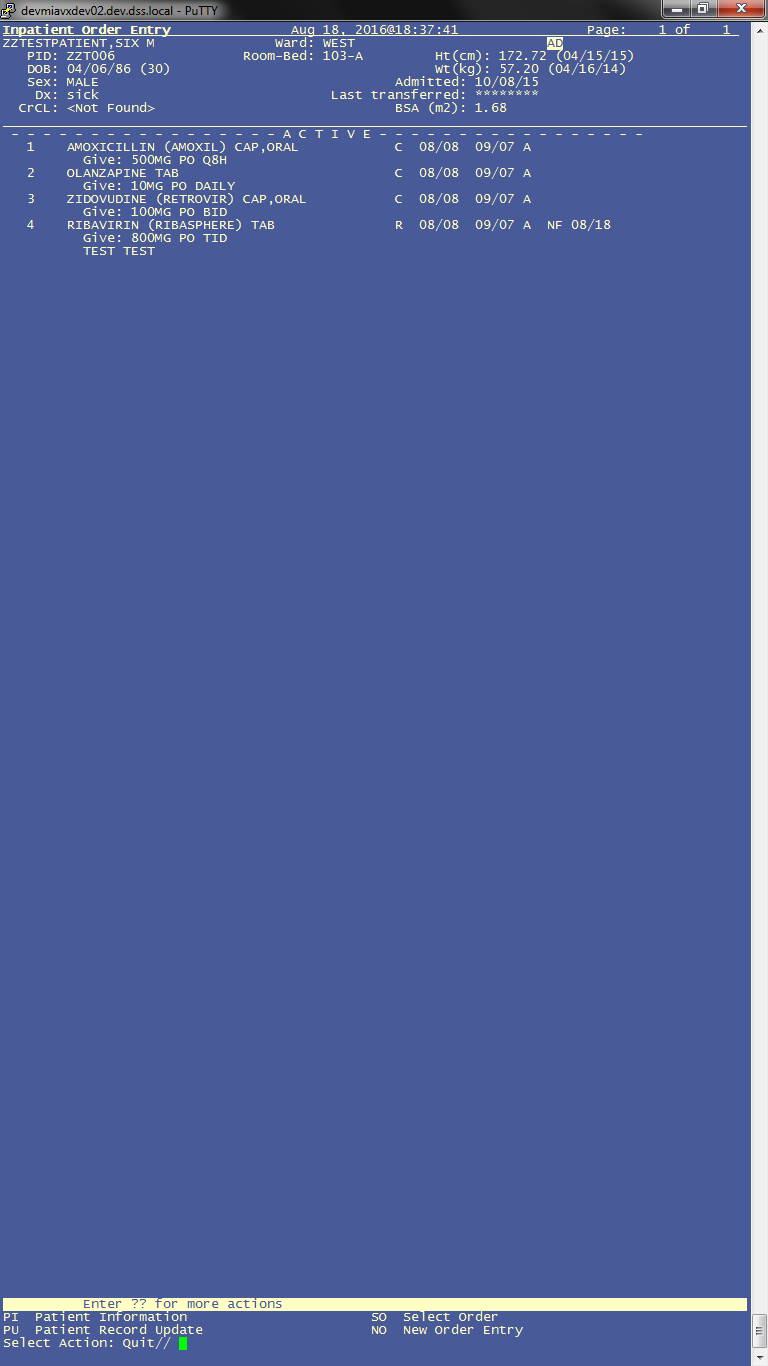
* 1. File Name: vfd\_15\_0\_123\_[T#].kid
  2. Install Instructions: Use the normal KIDS Load and Install options to install this Build. (or any other specific installation instructions)

Post-Install Instructions

None.

Special Instructions

This build allows the use of an entire screen if your terminal emulator can be resized to beyond 80 columns and 24 rows. Of the famous open source Windows Terminal Emulators, Putty and TeraTerm easily resize just by changing the window size. The vast majority of Linux Terminal Emulators do that by default. The build will not have a visible effect to end users without resizing the terminal. Here's an example of the pharmacy package using the expanded terminal on a vertical screen.



If a specific list manager menu option has difficulty adjusting to the new terminal dimensions, you can ask the List manager to disregard resizing the Listman screen to the terminal by adding the menu option to parameter VFD VALM BM BY OPTION, and setting the value of the menu item instance to "Use Preset Value". By default, no options are set that way right now.

Detailed Functional Descriptions and History of Changes

T6 – Release Date [1/13/2017]

Sam Habiel

Fixes bugs found by testing, specifically DE14274 (Inpatient Pharmacy Accept Screen). Also, allows Reminders Dialogs to take advantage of the whole screen enhancement.

T5 – Release Date [8/19/2016]

Sam Habiel

T4 override not done well. Redid that.

T4 – Release Date [8/19/2016]

Sam Habiel

Honor user override of terminal size using semicolon syntax.

T3 – Release Date [8/18/2016]

Sam Habiel

I broke Eclipse and CPRS because the NULL device went through the code. Don't do this for %ZIS[0 and IOST not starting with "C-"

T2 – Release Date [8/18/2016]

Sam Habiel

Don't print out terminal size when called by HOME^%ZIS and by S IOP="HOME" D ^%ZIS

T1 – Release Date [8/18/2016]

Sam Habiel

Initial Release

Functional Area: Kernel

Internal Reference #: S38947

External Reference #: n/a

Category: Enhancement

Complexity: Medium

Description of Issue:

This build allows the use of an entire screen if your terminal emulator can be resized to beyond 80 columns and 24 rows.

Resolution:

ZIS4GTM and ZIS4ONT modified to have auto-margin code, as it is OS-specific.

ZIS3 resizes terminal under certain conditions: $$AUTOMARG^%ZIS4 call exists, Type contains TRM, Subtype starts with "C-", and user didn't specify custom margins.

VALM1 and VALM0 changes to support List Manager resizing.

PSJ200 and PSOORUT3 changes to not limit Listman size in pharmacy package.

PXRMSEL2 has calls added to FULL^VALM1 after IORESET, as IORESET pulls back the size of the terminal down to 80 x 24.

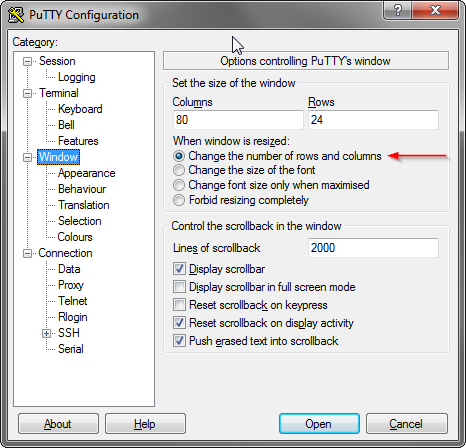
Known Issues:

If a specific list manager menu option has difficulty adjusting to the new terminal dimensions, you can ask the List manager to disregard resizing the Listman screen to the terminal by adding the menu option to parameter VFD VALM BM BY OPTION, and setting the value of the menu item instance to "Use Preset Value". By default, no options are set that way right now.

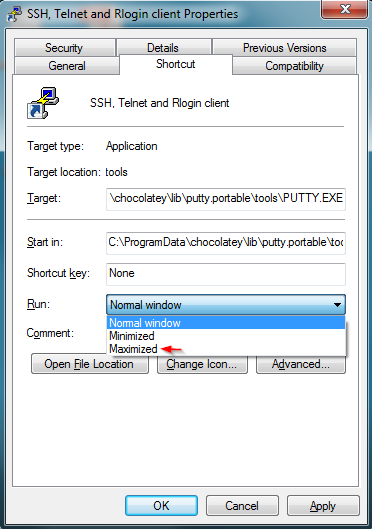
Terminal size for the home device (HOME^%ZIS) gets only set at Log-in. This is because %ZIS caches the Home Device characteristics in ^XUTL. If the Putty/TeraTerm Window is not maximized before pressing enter on the verify code, the expansion won’t take place.

For deployment to clients, I recommend the following settings:

Putty should have the default setting of “Change the number of rows and columns”, as in the screenshot below.



Putty should be started maximized. You can do that by right clicking on the putty shortcut, choosing properties, and saying that you want it to run maximized.



This will ensure that users logging into Putty will take advantage of the new capability.

QA Notes

Because this changes the device driver, it's recommended to test everything the uses it to make sure it still functions properly. Here are recommended tests:

• CPRS Connections (Null device, Resource devices)

• Background prints from CPRS (Chart Copy/Work Copy)

• Queued prints from any roll and scroll option.

• Regular prints from any roll and scroll option.

## Components and Checksums

Components:

Only show what’s applicable. If new files or fields are added, please provide at least a condensed DD. Below is an example.

#### Summary

PACKAGE: VFD\*15.0\*123 Jan 13, 2017 11:50 am PAGE 1

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TYPE: SINGLE PACKAGE TRACK NATIONALLY: YES

NATIONAL PACKAGE: DSS,INC VXVISTA OPEN SOURCE ALPHA/BETA TESTING: NO

DESCRIPTION:

Automatic Terminal Resize for vxVistA. Listman changes to support that.

S38947.

ENVIRONMENT CHECK: DELETE ENV ROUTINE:

PRE-INIT ROUTINE: DELETE PRE-INIT ROUTINE:

POST-INIT ROUTINE: POST^VFD15123P DELETE POST-INIT ROUTINE: No

PRE-TRANSPORT RTN:

ROUTINE: ACTION:

PSJ200 SEND TO SITE

PSOORUT3 SEND TO SITE

PXRMSEL2 SEND TO SITE

VALM0 SEND TO SITE

VALM1 SEND TO SITE

ZIS3 SEND TO SITE

ZIS4GTM SEND TO SITE

ZIS4ONT SEND TO SITE

PARAMETER DEFINITION: ACTION:

VFD VALM BM BY OPTION SEND TO SITE

### Parameter Definition:

NAME: VFD VALM BM BY OPTION DISPLAY TEXT: Listman Bottom Margin by Option MULTIPLE VALUED: Yes

INSTANCE TERM: Option VALUE DATA TYPE: set of codes VALUE DOMAIN: 0:Unbounded;1:Use preset value

INSTANCE DATA TYPE: pointer INSTANCE DOMAIN: 19:AEMQ INSTANCE HELP: Select an Option

DESCRIPTION:

This option allows you to override the automatically resized listman for

a specific menu option. For example, reminders dialogs doesn't show you

the appropirate choices when you use the whole screen.

PRECEDENCE: 10 ENTITY FILE: SYSTEM

PRECEDENCE: 20 ENTITY FILE: PACKAGE

Checksum Values of routines in this Build (Option: XTSUMBLD-CHECK/Routine: CHCKSUM^XTSUMBLD):

Checksums

Routine Old New Patch List

PSJ200 21832672 22017514 <<<No 123

PXRMSEL2 30162434 31484926 <<<No 123

PSOORUT3 9741935 9850962 \*\*5,25,243\*\* <<<No 123

VALM0 29043939 24679861 <<<No 123

VALM1 26565426 27223935 \*\*5,6,8,9\*\* <<<No 123

VFD15123P n/a 1007080 <<<No 123

ZIS3 13326333 19468958 \*\*18,36,69,104,391,440,499,546\*\* <<<No 123

ZIS4GTM 20384143 23882028 \*\*275,425,440,499\*\* <<<No 123

ZIS4ONT 34039996 37563983 \*\*34,59,69,191,278,293,440,499,524,

546,543,584\*\* <<<No 123