

Second Developer Report for Patchman

PROBLEMS

The following is a list of problems encountered during the testing.

VistA Auto Patch Utility

a. **PACKMAN KIDS MESSAGES:**

Forum Release messages are not consistent in their content; so the code doesn't detect certain Packman messages. For example, message for release patch DI*22.0*143 contains the following SMTP extension-field defined as X-MM-Type: K, and message for release patch DI*22.0*130 does not. So, patch 130 had to be manually installed using KIDS. Patch 143 was successfully automatically installed.

b. **HOST KIDS FILES using FTP:**

DSM: server option, XPDAUTO, when processing install modifier, loops indefinitely while trying to open the log file. Problem is attributed in the code used to define the directory path.

CACHE/VMS: server option, XPDAUTO, when processing install modifier, stops after successfully retrieving and saving the HOST KIDS file via FTP. It doesn't continue with the installation of the patch.

c. **GENERATED MM MESSAGES:** Some mailman messages were triggered during the installation of patches, but the messages could not be delivered, with the following error code:

```
550 Addressee not found.  
<"National Patch Module"@DOMAIN.EXT>
```

VistA Remote Patching Menu

- a. The only problems encountered would be related to those in VAPU above.
- b. As mentioned in the documentation, care must be taken to ensure that master/servant relationship is established to enable remote patching.

TROUBLESHOOTING

The following is a list of troubleshooting tips.

VistA Auto Patch Utility

VAPU uses several sources to track the installation of patches. To best find the status of a patch installation check in the following sources:

- a. The patch monitor option [XPD VAPU PATCH MONITOR MENU];
- b. Bulleted messages generated by VAPU;
- c. The log file located in the directory specified in the HFS DIRECTORY field of file #9.72;
- d. KIDS HOST files retrieved via FTP can be found in the directory specified in the FTP FILE DIRECTORY field of file #9.72; and
- e. The KIDS utility option [XPD PRINT PACKAGE PATCHES].

VistA Remote Patching

The remote patching utility uses several sources to track the installation of patches. To best find the status of a patch installation check in the following sources:

- a. The menu option to report patches installed for the master site [XPD PATCH REPORT];
- b. The menu option to report patches installed at the servant site [XPD PATCH STATUS];
- c. File #9.77, to determine if mastership has been established at both the master site and the servant site;
- d. Mailman, to locate command messages sent between the master and servants;
- e. File #9.79, to locate command messages transferred from Mailman; and
- f. File #9.76, to locate list of patches and their statuses.