Runtime Infrastructure - Support #4549

reduce/eliminate installation dependencies

02/19/2020 11:28 AM - Greg Shah

Status:	New		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
billable:	No		**case_num:**	
vendor_id:	GCD			

Description

Related issues:

Related to Database - Support #4550: eliminate the need to place the p2jspi.j...	**Closed**
Related to Database - Support #3871: determine how to change codepages/locale...	**Closed**
Related to User Interface - Support #2660: evaluate if the NCURSES 5.7 "threa...	**New**
Related to Build and Source Control - Support #5167: using static linking to ...	**Closed**
Related to Runtime Infrastructure - Support #5568: implement application-spec...	**New**
Related to Runtime Infrastructure - Support #6340: move JNI and native depend...	**New**

History

#2 - 02/19/2020 02:11 PM - Greg Shah

The following dependencies are (hopefully) unnecessary complications in our installation process. They cause extra effort. Worse, they invariably cause some non-trivial number of failures and diagnosis time in getting to a working FWD installation.

These are the dependencies to eliminate:

- #4550 eliminate the need to place the p2jspi.jar in the JVM extension directory
- #4551 replace PL/Java usage with a less intrusive approach
- #3871 determine how to change codepages/locales during import (this task will allow us to offer the shift from 8859-1 to UTF-8, which would make the setup of PostgreSQL much easier by eliminating the need for the en_US@p2j_basic custom locale)
- #2660 evaluate if the NCURSES 5.7 "threading improvements" can be made to work for P2J such that auto_getch_refresh() is no longer needed
- If #2660 does not work, then a fallback plan is to statically link to ncurses (see #5167).
- #5568 implement application-specific TERMINFO database overrides
- #6340 move JNI and native dependencies into the jar

#3 - 02/19/2020 02:11 PM - Greg Shah

- Related to Support #4550: eliminate the need to place the p2jspi.jar in the JVM extension directory added

#4 - 02/19/2020 02:12 PM - Greg Shah

- Related to Support #3871: determine how to change codepages/locales during import added

#5 - 02/19/2020 02:12 PM - Greg Shah

- Related to Support #2660: evaluate if the NCURSES 5.7 "threading improvements" can be made to work for P2J such that auto_getch_refresh() is

no longer needed added

#6 - 02/26/2021 08:05 AM - Greg Shah

- Related to Support #5167: using static linking to eliminate the need to patch the system-wide ncurses added

#7 - 07/28/2021 11:32 AM - Greg Shah

- Related to Support #5568: implement application-specific TERMINFO database overrides added

#8 - 05/10/2022 12:38 PM - Greg Shah

- Related to Support #6340: move JNI and native dependencies into the jar added