

Runtime Infrastructure - Support #5568

implement application-specific TERMINFO database overrides

07/28/2021 11:31 AM - Greg Shah

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:	Eugenie Lyzenko	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		case_num:	
billable:	No	version:	
vendor_id:	GCD		
Description			
Related issues:			
Related to Runtime Infrastructure - Support #4549: reduce/eliminate installat...			New

History

#1 - 07/28/2021 11:32 AM - Greg Shah

- Related to Support #4549: reduce/eliminate installation dependencies added

#2 - 07/28/2021 11:47 AM - Greg Shah

In [setup a private TERMINFO database](#) there are some hints of how we can make our own customized terminal types available without editing the system's TERMINFO.

The short version:

- The TERMINFO_DIRS environment variable will be read by ncurses. It defines a search path to use for looking up the TERMINFO database.
- We would create our own directory that includes only our customized terminal definitions. This directory would be pre-pended to the TERMINFO_DIRS search paths so that it will be searched first.
- We would need to identify the existing paths that should be searched so they can be appended to the TERMINFO_DIRS variable. This allows the standard/unmodified terminal defs to be found in the system's normal TERMINFO paths.
- This environment variable will need to be set for every interactive ChUI FWD client.

I would expect we could install these in a terminfo/ subdirectory of wherever the p2j.jar exists for the FWD client.

#3 - 05/10/2022 12:30 PM - Greg Shah

See [#6340](#). We could use the same technique to extract this application-specific TERMINFO database and avoid the install step.

#4 - 06/22/2023 08:52 AM - Greg Shah

- Assignee set to Eugenie Lyzenko

#5 - 06/22/2023 08:56 AM - Greg Shah

With the completion of [#5167](#), we now have the option of using a statically linked ncurses installation rather than the system-wide installation.

Until this [#5568](#) task is complete, we still need terminfo to be edited system-wide, which will still require root/sudo and apt hooks. Let's resolve this so that we are completely independent of the system-wide, privileged environment.