

## Runtime Infrastructure - Support #5568

### implement application-specific TERMINFO database overrides

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

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

#### 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.