

FAQ 1-3NE0M1 - Problem with Banner LANG and LOCALE settings resulting in the error - couldn't set locale correctly

The Banner 8 documentation - general80000pre-in.pdf Page 8 recommends these settings:

#### Modify Environment Settings

You should modify the LANG and LOCALE environment settings for your desired language. In this example, en stands for English.

```
LANG=en_US.UTF-8
LC_ALL=en_US.UTF-8
LC_COLLATE=en_US.UTF-8
LC_CTYPE=en_US.UTF-8
LC_MESSAGES=en_US.UTF-8
LC_MONETARY=en_US.UTF-8
LC_NUMERIC=en_US.UTF-8
LC_TIME=en_US.UTF-8
```

If you set the LANG and LOCALE environment to en\_US.UTF-8 and en\_US.UTF-8 is not currently a publicly installed locale on the server then you may get this error  
couldn't set locale correctly  
when running certain UNIX commands.

#### Example - Test case on Solaris using CSH

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Set the environmental LANG value to "TEST" which is not a publicly installed locale  
setenv LANG TEST

You should get the warning message when setting this  
"Locale could not be set properly"

Now create a file called "test.shl" with this 1 command in it

```
test.shl
-----
echo $HOME
```

Change execute permissions

```
chmod 755 test.shl
```

Run test.shl

```
malaln5:/u01/ban7%test.shl
couldn't set locale correctly
/u01/ban7
```

Notice the error is displayed before the command is run.

Note on HPUX the error is

Warning! One or more of your selected locales are not available.  
Please invoke the commands "locale" and "locale -a" to verify your  
selections and the available locales.

Continuing processing using the "C" locale.

Display current LOCALE

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To display the current locale setting in the environment you can run the "locale"  
command

```
malaln5:/u01/ban7%locale
LANG=en_US.UTF-8
LC_CTYPE=en_US.UTF-8
LC_NUMERIC=en_US.UTF-8
LC_TIME=en_US.UTF-8
LC_COLLATE=en_US.UTF-8
LC_MONETARY=en_US.UTF-8
LC_MESSAGES=en_US.UTF-8
LC_ALL=en_US.UTF-8
```

Display installed LOCALE's

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To determine the publicly installed locale's on the Server you can run the "locale -a"  
command

```
malaln5:/u01/ban7%locale -a
POSIX
common
en_US.UTF-8
C
iso_8859_1
fr
fr_BE
fr_CH
```

fr\_FR  
fr\_FR.ISO8859-1  
iso\_8859\_15  
en\_CA  
en\_CA.ISO8859-1  
en\_US  
en\_US.ISO8859-1  
en\_US.ISO8859-15  
en\_US.ISO8859-15@euro  
fr\_CA  
fr\_CA.ISO8859-1  
th  
th\_TH  
th\_TH.TIS620

In Banner 8 you want to look for the installed locale "en\_US.UTF-8" or any other desired language.

If the locale "en\_US.UTF-8" or desired language is not installed then you would need to contact your operating system support for added details on installing that locale.

Once the locale is installed you should be able to set the environmental LANG/locale correctly and no longer get the error "couldn't set locale correctly"

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mtytler 07-AUG-2008