

Defect 1-3VXNAY - HPUX Banner 8 ICU C runtime error - gurped_1365332.shl[2]:
HÄSQÄÄÄ: not found - gjajobs.shl - locale en_US.utf8

This error was replicated on HPUX RISC and IA64 (Itanium) with the locale settings of
en_US.utf8

Running Banner C jobs (for example gurped) from GJAPCTL results in these errors

```
cat gurped_1365332.log
/u01/sct/banjob_prod/gurped_1365332.shl[2]: HÄSQÄÄÄ: not found
Connected.
Connected.
```

```
cat gjajobs_PROD.log
saisusr 1365332 HÄSQÄÄÄ /u01/sct/banner/general/exe
```

If the locale setting are blanked out or changed to C.utf8 the error no longer happens

Details - gjajobs.shl gives different outputs with different locale settings,

This line in gjajobs.shl is causing the problem
P) JOB=`echo \$1 | tr "[A-Z]" "[a-z]"` .shl

These are simple test cases to replicate the issue.

with locale set to en_US.utf8, echo gurped | tr "[A-Z]" "[a-z]" gives HÄSQÄÄÄ
with locale set to en_US.UTF-8 echo gurped | tr "[A-Z]" "[a-z]" gives gurped but is
invalid locale setting on HPUX
with locale set to en-US.UTF-8 echo gurped | tr "[A-Z]" "[a-z]" gives gurped but is
invalid locale setting on HPUX
with locale set to C.utf8 echo gurped | tr "[A-Z]" "[a-z]" gives gurped
with locale set to blanks echo gurped | tr "[A-Z]" "[a-z]" gives gurped

Possible Work Around - MODIFIED 03-SEP-2008

Set the locale settings to "blank" on the userid (banjob) who is running GURJOBS to
avoid this issue.

```
LANG=;export LANG
LC_ALL=;export LC_ALL
LC_COLLATE=;export LC_COLLATE
LC_CTYPE=;export LC_CTYPE
LC_MESSAGES=;export LC_MESSAGES
LC_MONETARY=;export LC_MONETARY
```

```
LC_NUMERIC=;export LC_NUMERIC  
LC_TIME=;export LC_TIME
```

Stop GURJOBS

Recompile all C programs on the system starting with genmpclc.shl

- FAQ CMS-2421 - How can I recompile all the Banner C and Cobol Programs?

Restart GURJOBS

Retest the Banner C Jobs

FARINVS - display issue with locale of C.utf8

It was found when running with locale of C.utf8 the program farinvs incorrectly displayed the

"\$" as "Ã¤" (strange characters) in the lis file which lead to problems viewing the output in the lis file.

Also the following message maybe displayed when opening the farinvs lis file

"farinvs.lis" Incomplete or invalid multibyte character encountered, conversion failed.
80 lines, 4595 characters

For these reasons it is no longer recommended to use locale of C.utf8

```
LANG=C.utf8;export LANG  
LC_ALL=C.utf8;export LC_ALL  
LC_COLLAT=C.utf8;export LC_COLLATE  
LC_CTYPE=C.utf8;export LC_CTYPE  
LC_MESSAGES=C.utf8;export LC_MESSAGES  
LC_MONETARY=C.utf8;export LC_MONETARY  
LC_NUMERIC=C.utf8;export LC_NUMERIC  
LC_TIME=C.utf8;export LC_TIME
```