**SUMMARY**

A concurrency bug in Apache Portable Runtime (Revision 529774).

**DETAILS**

Some details can also be found at: https://bz.apache.org/bugzilla/show\_bug.cgi?id=41659

This bug is due to a data race.

Source code: <https://svn.apache.org/repos/asf/apr/apr/trunk/misc/unix/charset.c>

|  |  |
| --- | --- |
| Thread1 (charset.c) | Thread2 (charset.c) |
| APR\_DECLARE(const char\*) apr\_os\_locale\_encoding (apr\_pool\_t \*pool)  {  #if defined(HAVE\_NL\_LANGINFO) && defined(CODESET)  const char \*charset;  charset = nl\_langinfo(CODESET);  if (charset && \*charset) {  #ifdef \_OSD\_POSIX /\* Bug workaround - delete as soon as fixed in OSD\_POSIX \*/  /\* Some versions of OSD\_POSIX return nl\_langinfo(CODESET)="^[nN]" \*/  /\* Ignore the bogus information and use apr\_os\_default\_encoding() \*/  if (charset[0] != '^')  #endif  return apr\_pstrdup(pool, charset);  }  #endif  return apr\_os\_default\_encoding(pool);  } | APR\_DECLARE(const char\*) apr\_os\_locale\_encoding (apr\_pool\_t \*pool)  {  #if defined(HAVE\_NL\_LANGINFO) && defined(CODESET)  const char \*charset;  charset = nl\_langinfo(CODESET);  if (charset && \*charset) {  #ifdef \_OSD\_POSIX /\* Bug workaround - delete as soon as fixed in OSD\_POSIX \*/  /\* Some versions of OSD\_POSIX return nl\_langinfo(CODESET)="^[nN]" \*/  /\* Ignore the bogus information and use apr\_os\_default\_encoding() \*/  if (charset[0] != '^')  #endif  return apr\_pstrdup(pool, charset);  }  #endif  return apr\_os\_default\_encoding(pool);  } |
| 0-lock | 0-lock |