

Refer to Dawes, N1111=97-0073, Libraries Issues for Morristown
Item 38, `basic_filebuf::seekpos` must call `unshift`

Proposed resolution:

"To 27.8.1.4 add wording to the effect that:
`basic_filebuf::seekpos` must call `unshift` for the `codecvt`
facet before it alters the file position indicator"

Specific wording:

27.8.1.4, rewrite of para 11:

Let `width` denote `a_codecvt.encoding()`.

If `is_open() == false`, or `off != 0` and `width <= 0`,
then the positioning operation fails.

If `way != basic_ios::cur` or `off != 0` ,
and if the last operation was output,
then update the output sequence
and write any unshift sequence.

Next, seek to the new position:

If `width > 0`, call `std::fseek(file, width * off, whence)`;
otherwise, call `std::fseek(file,0,whence)`.

Para 12, Notes:

"The last operation was output" means either
the last virtual operation was overflow or
the `put` buffer is non-empty.

"Write any unshift sequence" means,
if `width` is less than zero,
then call `a_codecvt.unshift(st, xbuf, xbuf+XSIZE, xbuf_end)`
and output the resulting unshift sequence.

27.8.1.4, rewrite of the 1 line preceding para 14:

If `(which&ios_base::out) != 0`,
then update the output sequence,
write any unshift sequence,
then set the file position to `sp`.