

GDP - Bug #20

size_t vs ssize_t for evbuffer_copyout

07/19/2016 02:02 AM - Nitesh Mor

Status: Closed	Start date: 07/19/2016
Priority: Normal	Due date:
Assignee: Eric Allman	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description evbuffer_copyout returns a type of ev_ssize_t, which maps to ssize_t allowing for signed values. It returns <i>the number of bytes read, or -1 if we can't drain the buffer.</i> ev_ssize_t evbuffer_copyout (struct evbuffer *buf, void *data_out, size_t datlen) However, source:gdp/gdp_buf.c#L110 just uses size_t. A simple fix would be just to correct it to ssize_t, but that would change the API. What's a good fix?	
Related issues: Related to GDP - Bug #15: Assertion error in Python API Closed 07/18/2016	

History

#1 - 07/19/2016 02:07 AM - Nitesh Mor

- Related to Bug #15: Assertion error in Python API added

#2 - 07/19/2016 03:50 PM - Eric Allman

- Status changed from New to Closed

Changed it to return 0 instead of -1 on error. The error can only occur if you have called evbuffer_freeze on it, which we don't use, so this is (probably) a "can't happen" condition.