

OPTO 22

Expect more. Get more. Do more.

Accessing string variables or string table elements with ioDisplay or OPC Client may cause error

APPLIES TO

OptoOPCServer

SYMPTOMS

A sporadic, Microsoft windows exception error message entitled "OptoOPC.exe", may be reported by OptoOPCServer if an ioDisplay project or an OPC client accesses a string variable, or a string table element from a control engine.

CAUSE

The exception error occurs when a string is read from a control engine and the string is not properly terminated. OptoOPCServer generates the error.

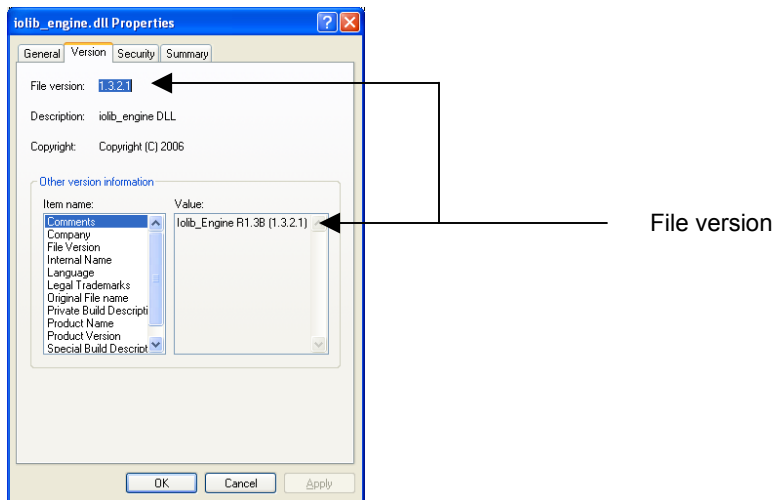
RESOLUTION

Opto 22 has resolved this issue.

VERSIONS

The problem is corrected in the file iolib_engine.dll, version R1.3B (1.3.2.1). This updated library may be used with ioProject version R7.0 and R7.1. Earlier versions of ioProject must be updated to ioProject R7.1 or newer to correct this issue.

To verify the iolib_engine.dll file version on your system, use Windows Explorer to navigate to the default C:\WINDOWS\SYSTEM32\OptoCom directory, and right mouse click on the file. Click Properties, and select the Version tab.



MORE INFORMATION

Control engines from which the string variable or string table elements are accessed from include:

SNAP-PAC-S1 SNAP-UP1-ADS
SNAP-PAC-R1 SNAP-UP1-M64
SNAP-PAC-R2 SNAP-UP1-D64
SNAP-LCE

OptoKB Article: KB50037
Last Review: August 29, 2006
Revision: 4.0

DISCLAIMER

This Opto 22 Knowledge Base ("OptoKB") article is intended to provide general technical information on a particular subject or subjects and is not an exhaustive treatment of such subjects. Accordingly, the information in this OptoKB article is not intended to constitute application, design, software, or other professional engineering advice or services. Opto 22 may modify the OptoKB articles at any time. Before making any decision or taking any action which might affect your equipment, you should consult a qualified professional.

OPTO 22 DOES NOT WARRANT THE COMPLETENESS, TIMELINESS, OR ACCURACY OF THE DATA CONTAINED IN THIS OPTOKB ARTICLE AND MAY MAKE CHANGES THERETO AT ANY TIME AT ITS SOLE DISCRETION WITHOUT NOTICE. FURTHER, ALL INFORMATION CONVEYED HEREBY IS PROVIDED TO USERS "AS IS." IN NO EVENT SHALL OPTO 22 BE LIABLE FOR ANY DAMAGES OF ANY KIND INCLUDING DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, LOSS PROFIT, OR DAMAGE, EVEN IF OPTO 22 HAS BEEN ADVISED ON THE POSSIBILITY OF SUCH DAMAGES.

OPTO 22 DISCLAIMS ALL WARRANTIES WHETHER EXPRESSED OR IMPLIED WITH RESPECT TO THE INFORMATION (INCLUDING HARDWARE, SOFTWARE, AND/OR FIRMWARE) PROVIDED HEREBY, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, AND NON-INFRINGEMENT. Note that certain jurisdictions do not sanction the exclusion of implied warranties: thus, this disclaimer may not apply to you.

Copyright © 2006 Opto 22. All rights reserved.