

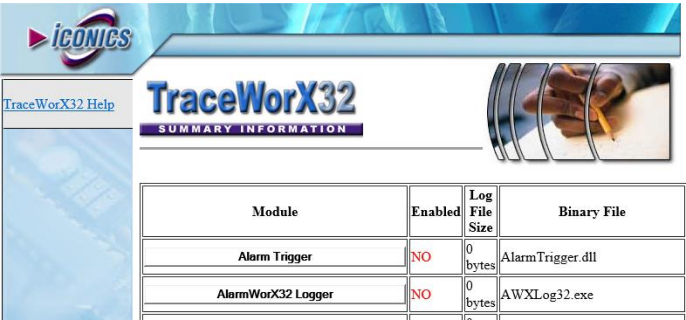
Description: Guide to configuring and running the ICONICS online diagnostic & troubleshooting tool.

Introduction

TraceWorX32 provides online diagnostics and tuning of GENESIS32 or BizViz applications. It is designed for system integrators, OEMs, and customers who want tools for doing their own troubleshooting and diagnostics.

TraceWorX32 tracks the runtime activity for each GENESIS32 or BizViz applications and logs the runtime data to a log file based on user-configured trace levels. The log file provides a thorough, color-coded report detailing all activity for the application, including the time, the date, the severity level, and the description of the event or problem.

This document will describe how to turn on TraceWorX32 to log information about the application in question.



Module	Enabled	Log File Size	Binary File
Alarm Trigger	NO	0 bytes	AlarmTrigger.dll
AlarmWorX32 Logger	NO	0 bytes	AWXLog32.exe

Figure 1 - TraceWorX32

Configuring TraceWorX32

- Launch Internet Explorer by right-clicking on the shortcut and choosing “Run as Administrator”.

NOTE: TraceWorX32 will only run properly in Internet Explorer, not Edge, Chrome, or any other browser. Also, using “Run as Administrator” ensures that the page will have the permissions it needs to make changes to the trace settings file.

- Type or copy this path into the address bar:
C:\Program Files (x86)\Common Files\ICONICS\TraceWorX32.htm

NOTE: If you have installed to a non-default location this path may be different. You can verify the path by finding the TraceWorX32 shortcut in your start menu.

- When prompted, click the “Allow Blocked Content” button.

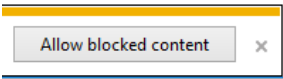
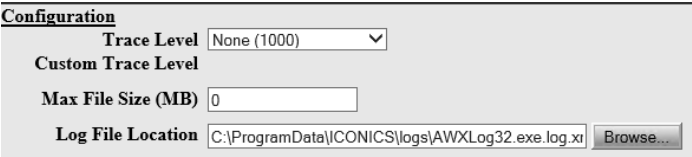


Figure 2 - Allow Blocked Content button

- Scroll down to find the application in question and click on the appropriate button.



Configuration

Trace Level: None (1000)

Custom Trace Level:

Max File Size (MB):

Log File Location: C:\ProgramData\ICONICS\logs\AWXLog32.exe.log.xml Browse...

Figure 3 - TraceWorX32 Configuration Dialog

- Set your desired trace level.

The trace level is the threshold of message that will be logged. For example, if you set the trace level to 800 then only messages with severity 800 and above will be logged.

The trace level to All (0) will log every message given by this application, but this setting should be used sparingly because logging so many messages could slow down your system. The fewer messages you trace the less impact tracing will have on your application.

By default tracing is disabled for all applications (the trace level is set to None - 1000).

- Change the Max File Size if you wish. A size of 0 MB means there is no limit on file growth. It’s not recommended to leave tracing on for an extended period of time with a 0 MB max file size because of the risk of creating very large files that could max out your hard drive.
- Change the Log File Location if desired. This is the location of the .xml and .xsl files that will be created.
- Click on “OK” once you are done configuring tracing for the particular application. You will return back to the main TraceWorX32 page. If you set the trace level to anything other than None you should now see a “Yes” in the Enabled column for this application.



GraphWorX32	YES	0 bytes	Gwx32.exe
-------------	-----	---------	-----------

Figure 4 - Tracing Enabled for GraphWorX32

- At this point you can run the application in question until you have reproduced your problem. Once you have gathered the information you need its recommended that you disable tracing (set the trace level back to None).
- You can view the trace files by clicking on the “View” button in the Current Log File section for the module you were tracing. You can also email, zip, or delete the files from this screen.