

## HOWTO: Enable Trace Logging in DotTwain

DotTwain has tracing code added to it in order to help us debug a problem. You can enable tracing by adding an **Application Configuration File** (app.config) to your project. Then add the following code to create a TraceSwitch named "**Atalasoftware.Twain**".

```
configuration> <system.diagnostics> <switches> <add name="Atalasoftware.Twain" value="4" />
</switches> <trace autoflush="true" indentsize="4"> <listeners> <add name="DotTwainListener"
type="System.Diagnostics.TextWriterTraceListener"
initializeData="c:\users\YOUR_USERNAME\Documents\DotTwain.log" /> </listeners> </trace>
</system.diagnostics> </configuration>
```

When you run your project, the DotTwain trace information will be listed in the **Output - Debug** window within Visual Studio. The above code also creates a listener that will output the trace information to a log file (*c:\users\YOUR\_USERNAME\Documents\DotTwain.log*).

**IMPORTANT:** set the InitializeData path to a location that the user running the app has full write access to and make sure the folder exists. This article used to say *c:\DotTwain.log* but we found that direct writing to the root of the C drive failed for non administrative users.

Please consider creating a directory under your profile then providing the full path to that such as

```
:\users\YOUR_USERNAME\Documents\DotTwain.log
```

If no log is written, try running the application as administrator... and make sure the path defined exists and is writable

You can learn more about tracing from MSDN:

<https://docs.microsoft.com/en-us/dotnet/framework/debug-trace-profile/how-to-create-initialize-and-confi>

### Original Article:

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Atalasoftware Knowledge Base

<https://www.atalasoftware.com/kb2/KB/50367/HOWTO-Enable-Trace-Logging-in-DotTwa...>