

## Re: lock on filename for XmlDocument.Save?

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"not\_a\_commie" <notacommie@xxxxxxxx> wrote in message  
<news:1189457405.305209.178430@xx>

I'm calling XmlDocument.Save with a filename that often varies. It is sometimes absolute path and sometimes relative path. Occasionally I'll get a re-entrant save to the same filename, at which point XmlDocument.Save throws an exception.

See below.

What is the right way to lock on a filename that may or may not be relative?

The file name being a relative or absolute path is completely irrelevant.

Or is there a way to make XmlDocument.Save wait until the file is available for writing?

It sounds like from what you wrote that you have potentially two calls attempting to truncate and write data to the same file at the same time. Which is a bad idea to begin with but... XmlDocument.Save with a filename attempts to open the file in Create mode (either CreateNew or Truncate if the file exists) for Writing with only Read sharing. This means that until the Save function returns, nothing else can write to that file.

if you don't really care that the second simultaneous Save is going to destroy the data from the first Save, you could just do a lock the XmlDocument.Save function call, which will enforce only one save at a time, or you could do a bit more complicated logic if you do care that you are overwriting an existing file, which will happen once the first Save() completes.

Note, don't be tempted to open a FileStream for ReadWrite sharing and use that overload of Save. You'll end up with a garbage file.

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—

Doug Semler, MCPD

a.a. #705, BAAWA. EAC Guardian of the Horn of the IPU (pbuhh).

The answer is 42; DNRC o—

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