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| **Error Type:** | **ID:** | **Explanation:** | **Screenshots of technique:** |
| Logic | 1 | This isn’t an actual error per se but a complication we are having with implementing the File.GetLastAccessTime() method. It will return an inaccurate time but an accurate date of the file. I want total accuracy! This article is something we should consult prior to attempted implementation. We should also sample test the code if possible to gain understanding. <https://social.msdn.microsoft.com/Forums/sqlserver/en-US/10618e84-957f-41e3-b7ed-772867b1f71f/last-access-time-of-the-folder-issue?forum=csharpgeneral> |  |
| Lack of human logic | 2 | Didn’t know how to copy files reclusively in DragDrop List Box to directory set in textbox.  The line I commented out kept getting returned as null because I wasn’t able to store any value in \_strSourcePath as the files I was retrieving were in binary and I didn’t know how to convert it back to a string.  So I instead just looped through the \_droppedFiles array and got the length of the file path in the first if statement. That allowed me to make a copy of it successfully. |  |
| Lack of human logic | 3 | A problem,  Output file does not display extension. Have to find correct program to reveal file extension. That is the problem. The problem I’m trying to solve is to write all renamed files with time and date to target folder with extensions.  I can’t figure out for the life of me how to output a file by its extension. I know I can use the GetFiles() method but I’m not too sure as how to output it.  This user helped me.  <https://social.msdn.microsoft.com/Forums/en-US/bcb14454-1456-48a8-9212-dfde8a0953ac/output-file-does-not-display-extension-even-after-using-getfiles-method?forum=csharpgeneral>  He said obviously that *“You need to get the original file extension and combine it with your newly created filename \_strfileName.”*  I used the code he mentioned have taken out some of the other code. I works.  var extension = Path.GetExtension(file);  \_strfileName = File.GetCreateTime(file).ToString(…);  \_strfileName += extension; |  |
| Logic | 4 | GitHub Commit Error: Permission denied fatal: Unable to process path. E:\Work\Programming Experiments\C#\FTDC\Development\FTDC\_v11\.vs\FTDC\v15\Server\sqlite3\db.lock  I’m not even using a database so I don’t know why I got this file.  <https://stackoverflow.com/questions/47255844/github-commit-error-permission-denied-fatal-unable-to-process-path-app-data>  Anyway I read this article and right clicked on the file in the Team Explorer and clicked Ignore. That fixed the error. |  |
| Logic | 5 | I am trying to get the string text out of a data grid view and store it in a data table so I can save the data table to a csv file. I have got 2 unbound columns that I have been able to read data to in the csv file. One is Description. The other is Data. Problem is when I debug I notice the datatable stays null no matter what I do. I've tried everything. Does anyone know what I might be doing wrong and how I can fix it? Could it be something is wrong in the data source?  It was saying that it was not null all ways but not showing the data row and that was because we weren’t getting the data row.  To fix that I realized I need to access the row property counter which returns an integer. So we basically we change our code to this.  //READ  if (\_dt.Rows.Count <= 0)  {  populateControlWithCSVData(filePath);  }  //WRITE  else if (\_dt.Rows.Count > 0)  {  WriteData(filePath)  } |  |
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