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Debugging with Breakpoints

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**Breakpoints**

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| **Error Type:** | **Error ID:** | **Explanation:** | **Screenshots of technique:**  **(**PLEASE ZOOM IN AND AVOID EYE STRAIN**)** | **Resolved?** |
| Logic | 1 | I have finally being able to write the creation time and date to a filename I am trying to move. The problem I am having though is it only outputs the seconds including AM or PM to the file.    I want it to output the creation time and date in long format. E.g “yyyy,mm,dd hh,mm,ss.”  I also just wanted to make a copy of a file with a new filename but can’t find the right method on MSDN.  I also don’t want to have to explicitly state the file extension and for it to just make a copy of the file in the same format.  I went to msdn…  <https://social.msdn.microsoft.com/Forums/vstudio/en-US/5156411b-fd31-4d87-8e5e-6c887a8005d6/renaming-a-file-name-with-creation-time-results-in-only-the-seconds-getting-written-to-file?forum=csharpgeneral&prof=required>  and this guy gave this…  \_strfileName = File.GetCreationTime( file ).ToString( "yyyy'-'MM'-'dd hh'\u0589'mm'\u0589'ss tt", CultureInfo.InvariantCulture );    I took out the line on 82 and 83 and replaced it with that. It works now. The u0589 is Unicode for ‘:’ was told to make sure I don’t actually use ‘:’ or ‘\’ as they are reserved for disk drives. |  | Yes! |
| Logic | 2 | **System.UnauthorizedAccessException:** 'Access to the path 'C:\Users\Jordan\Documents' is denied.'  Happens when I go over this line.  File.WriteAllText(default\_path, "Default.csv");  There is something wrong with the permissions. I should be able to read and write to the folder.  I’m having trouble using the Environment class which I am hoping to use over a physical hard coded path.  It happens when I am trying to write the file.  Yep it’s because I was writing in a directory and not an actual file so I changed the code to this!  File.WriteAllText(default\_path + "/Default.csv", ""); |  |  |
| Logic | 3 | Attempting to write to file with limited results. Even worse I have found out that the datable will always be null and any data from the datagridview is not being written to it.  Must find a way of returning data grid view data to datable. |  |  |
| Logic | 3 | **System.IndexOutOfRangeException:** 'Cannot find column 1.'  So we can’t write the second column of whatever was in our Settings class datatable to our \_strFileName variable when we do a batch file rename, even after we read it to the data grid view of our frmSettings obviously because C# disposes of the object after we close whatever class (windows form) is reading or writing to it.  I remade the code now so the data table can get passed from frmSettings to frmMain. |  |  |
| Logic | 4 | I’m having a problem writing the 2nd column of a data table to a filename that is being renamed in a drag drop box. I’m using a method ReadSecondDataColumn() to return and delimit the second column with “\_” but it is not going into the file name. The method is being called in RenameFile(string targetDirectory).  Obviously I’m not clear on the logic. |  |  |
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