

microsoft.public.dotnet.languages.csharp: Re: Getting Direcotry files sorted by date, is it possible?

## Re: Getting Direcotry files sorted by date, is it possible?

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Raed Sawalha <RaedSawalha@discussions.microsoft.com> wrote:

```
> I wondering if it possilble to get the directory files ordered by creation date
>
> string [] files = System.IO.Directory.GetFiles(strPath, "*.msg")
>
> can I sort the returned file by creation date?
>
```

You need to implement your own IComparer do the specialized sort:

```
using System;
using System.IO;
using System.Collections;

public class SortFiles
{
    public class CompareFileByDate : IComparer
    {
        int IComparer.Compare(Object a, Object b)
        {
            FileInfo fia = new FileInfo((string)a);
            FileInfo fib = new FileInfo((string)b);

            DateTime cta = fia.CreationTime;
            DateTime ctb = fib.CreationTime;

            return DateTime.Compare(cta, ctb);
        }
    }

    public static void Main()
    {
        string [] files = System.IO.Directory.GetFiles("..");

        IComparer fileComparer = new CompareFileByDate();
```

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```
Array.Sort(files, fileComparer);

foreach ( string f in files )
{
    Console.WriteLine(f);
}

}
}

/J\
```