

ç>@â½•

using è-â•¥i¼^C# â•,è€fi¼%

é;¹ç>@

11/07/2022

14 ä,ªâ•,ä,žè€... â••é|^

ææ-æ-†â†...â@¹

using è-â•¥æ••ä½>â•-ç;@ä¿•æ-fç;@ä½¿ç"" IDisposable â-¹è±;çš„æ-¹ä½¿è-æ³•ã€  
await using è-â•¥â•-ç;@ä¿•æ-fç;@ä½¿ç"" IAsyncDisposable â-¹è±;ã€  
è-è"€æ"-æ€•â@žçž° System.IAsyncDisposable æž¥â•fçš„â½,æ-¥â•-é†šæ"¾ç±»âž<ã€

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ä, <é•ççš„çº°ä¾¼<æ¼"çº°â|,ä½•ä½¿ç"" using è-â•¥ã€

```
string manyLines = @"This is line one This is line two Here is line three The  
penultimate line is line four This is the final, fifth line."; using (var reader  
= new StringReader(manyLines)) { string? item; do { item = reader.ReadLine();  
Console.WriteLine(item); } while (item != null); }
```

using âf°æ~žä,•éæèè|•âº§æ<-â••i¼š

```
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penultimate line is line four This is the final, fifth line."; using var reader  
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File â'€ Font

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;ç±»âž<çš„çº°ä¾¼<ã€  
ææèè@,âºšâ...¶ä»-ç±»â^«çš„é•žæ%~ç@;èµ„æ°•â'€â°•èf...è¿™ä°>èµ„æ°•çš„ç±»â°"ç±»âž<ã€  
ææææææ-ºç±»ç±»âž<éf½â¿...é;»â@žçž° IDisposable æž¥â•fæ^- IAsyncDisposable  
æž¥â•fã€

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IDisposable â-¹è±;çš„ç"ÿâ-~ææÿé™•ä°žâ••ä,ªæ-¹æ³•æ-¶i¼€â°"â€" using è-â•¥æ^-  
using âf°æ~žä,-âf°æ~žâ¹¶â@žä¾¼<â€-â@fã€ using  
âf°æ~žä»¥æ-fç;@æ-¹â½•âæ"â-¹è±;ä,šè°fç"" Dispose  
æ-¹æ³•i¼€â½"â@fè¶...â†°è€fâ>´æ-¶ã€ â½" Dispose è°fç""æ-¶i¼€ using  
è-â•¥â-½è†'â-¹è±;ææ-è°«è¶...â†°è€fâ>´ã€ â€" using  
â•-ä,-i¼€â-¹è±;æ~â•ªè-»çš„â¹¶ä,"æ-æ³•è¿»è;€ä¿@æ"¹æ^-é†•æ-°â^†é...ã€ ä½¿ç""  
using âf°æ~žâf°æ~žçš„â•~é†•æ~â•ªè-»çš„ã€ â|,æžæâ-¹è±;â@žçž° IAsyncDisposable  
è€€ä,æ~ IDisposable i¼€ä»»ä,€ using çª-ä¾¼"â°†è°fç"" DisposeAsync â'€ awaits
```

è¸"á>žçš,, ValueTaskã€¸, æ%ã...³ IAsyncDisposable  
çš,,è-|ç>†ã¸;æ-î¼€è-·á•,é~...IAsyncDisposableã€¸,

ä,ðä,ª using çª-ä½"á•†á•-ç;@ä¸• Disposeî¼^æ^- DisposeAsyncî¼%èç«è°fç""î¼€ã•³ä½¸ using  
á•-ä,-á•`ç"Ÿá¼,á, ,ä¹Ÿæ~á|,æ-ðã€¸, é€šè¸;†á°†á¹è±;æ"%á...Ÿ try á•-ä,-î¼€ç,,¶á•žè°fç"" finally á•-ä,-çš,, Disposeî¼^æ^-  
DisposeAsyncî¼%î¼€ã•-ä»¥á@žçž°ç>,á•€çš,,ç»"æžæî¼>á@žé™...ä,Šî¼€è¸™á°±æ~ç¼-è-`á™"è½-æ•ç using è-á•¥á'€ using  
áf°æ~žçš,,æ-¹á¼•ã€¸,  
á%•é•ççš,,ã»fç •çð°ã¼<á€"ç¼-è-`æ-¶á°†æ%ã±•á^°ä»¥ä, <ã»fç •î¼^è-·æ³"æ,,î¼€ã½¸ç""éç•áð-çš,,áðšæ<-á••ä,°á¹è±;á^>á°æ%é™•è  
€fá>´î¼%î¼š

```
string manyLines = @"This is line one This is line two Here is line three The penultimate line is line four This is  
the final, fifth line."; { var reader = new StringReader(manyLines); try { string? item; do { item =  
reader.ReadLine(); Console.WriteLine(item); } while (item != null); } finally { reader?.Dispose(); } }
```

è¾¸fæ-°çš,, using è-á•¥è-æ³•è½-æ•çä,°ç±»ä½¼çš,,ã»fç •ã€¸, try á•-á€"áf°æ~žá•~é†•çš,,ä½¼•ç¼@æ%"á¼€ã€¸, finally  
á•-æ•»áš á€"á°•é--á•-çš,,æ«á°¼î¼€é€šä, ,æ~á€"æ-¹æ³•çš,,æ«á°¼ã€¸,

æ%ã...³ try - finally è-á•¥çš,,è-|ç>†ã¸;æ-î¼€è-·á•,é~... try ä,€æ-†ã€¸,

á•-á€"á••ä,ª using è-á•¥ä,-áf°æ~žä,€ä,ªç±»áž<çš,,áðšä,ªá@žä¼<î¼€ã|,ä, <é•ççš,,çð°ã¼<ä,-æ%€çð°ã€¸,  
æ³"æ,,î¼€ãã"á••ä,ªè-á•¥ä,-áf°æ~žáðšä,ªá•~é†•æ-¶î¼€ä,•èf½á½¸ç""éš•á¼•ç±»áž<çš,,á•~é†• ( var )î¼š

```
string numbers = @"One Two Three Four."; string letters = @"A B C D."; using (StringReader left = new  
StringReader(numbers), right = new StringReader(letters)) { string? item; do { item = left.ReadLine();  
Console.Write(item); Console.Write(" "); item = right.ReadLine(); Console.WriteLine(item); } while (item != null); }
```

ä¹Ÿá•-ä»¥á½¸ç""áf°æ~žè-æ³•î¼€ã•^á¹¶á•€ä,€ç±»áž<çš,,áðšä,ªáf°æ~žî¼€ã|,ä, <é•ççš,,çð°ã¼<ä,-æ%€çð°ã€¸

```
string numbers = @"One Two Three Four."; string letters = @"A B C D."; using StringReader left = new  
StringReader(numbers), right = new StringReader(letters); string? item; do { item = left.ReadLine();  
Console.Write(item); Console.Write(" "); item = right.ReadLine(); Console.WriteLine(item); } while (item != null);
```



## Reference

[Photovoice for Social Justice: Visual Representation in Action \(Qualitative Research Methods\)](#)

[Clinical Research for the Doctor of Nursing Practice](#)