

Missing characters after file rewrite using File.OpenText

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-02/msg03454.html>

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Hi all,

Unsure if this is the best group to place this, but here it is anyway ;).

I've got a large text file that needs rewriting into a different format, and decided to try it using C#, which usually does my programming tricks... However, this time I've got a difference of opinion with the result :(

In words using accents and special chars (i.e. façade [c cedilla] or één [e acute]) the result of my efforts just omits these characters. Not the words entirely, just those letters. (i.e. façade turns into faade). Pretty much, my question is why? I'm probably just forgetting to set a text-encoding variable somewhere, but I can't seem to find out where it should go.

Algorithm: (and yes, I know it's not the most elegant solution...)

```
-----
StreamReader input = File.OpenText("C:\\ERUIT.txt");
string fields="", values="";
ArrayList lines = new ArrayList();
string inputline = input.ReadLine();
while(inputline != null) {
if(inputline.Substring(0, 1) == "$") {
fields = fields.Substring(0, fields.Length-2);
values = values.Substring(0, values.Length-2);
lines.Add(String.Format("INSERT INTO InMagic ({0}) VALUES ({1});",
fields, values));
fields = ""; values = "";
}
else {
string tla = inputline.Substring(0, 3);
if(tla == "SUB" || tla == "ODN" || tla == "RTY" || tla == "LOG" ||
tla == "SCG" || tla == "NOT" || tla == "DAT" || tla == "SCS" || tla ==
"QAL" || tla == "MAT" || tla == "LOA" || tla == "SCP" || tla == "SID"
|| tla == "RGN" || tla == "REF" || tla == "COL" || tla == "PHG" || tla
== "MIS" || tla == "CON" || tla == "RIN" || tla == "COD" || tla ==
"HEI" || tla == "RPN") {
if(tla == "NOT") tla = "_NOT";
```

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```
fields += String.Format("{0}, ", tla);
values += String.Format("\{0}\", ", inputline.Substring(4));
}
else {
values = values.Substring(0, values.Length-3);
values += String.Format("{0}\", ", inputline);
}
}
inputline = input.ReadLine();
}
input.Close();
StreamWriter output = File.CreateText("C:\\OutputKern.txt");
for(int i=0; i<lines.Count; i++) {
output.WriteLine(lines[i]);
}
output.Close();
---
```

PS: Config: WinXP having framework 1.0, 1.1 and 2.0 installed using VS 2k3

Thanks for every pointer anyone can give me,

Chris

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