

Re: Parsing a text file

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2004-09/1180.html>

From: Tom Lavedas (*tlavedas_at_hotmail.remove.com*)

Date: 09/23/04

Date: Thu, 23 Sep 2004 07:33:07 -0700

But you don't handle the file format that was described (a Location: line followed by a Names: line, nor do you account for the possibility of there being more or less than three names on the Names: line.

Tom Lavedas

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"Lee Peedin" wrote:

> *I know this is a VBScript newsgroup and I'll probably get flamed for
> posting this, but I just couldn't help myself :-)*

>

> *Lee*

>

> *A possible Rexx solution :-)*

>

> *do while lines(infile)*

> *aline = linein(infile)*

> *parse var aline part1:' part2*

> *if part1 = 'Names' then*

> *parse var part2 name1,'name2','name3*

> *end*

>

>

>

> *On Wed, 22 Sep 2004 06:19:04 -0700, "Tom Lavedas"*

> *<tlavedas@hotmail.remove.com> wrote:*

>

> *>An alternative to McKirahan's approach ...*

> >

> *>Dim aData, aLocations(), aNames(), idx, n*

> *>With CreateObject("Scripting.FileSystemObject")*

> *> adata = Split(_*

> *> Replace(.OpenTextFile("test.txt").ReadAll, vbNewline &*

> *>vbNewline, _*

> *> vbNewline), vbNewline)*

> *>End With*

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>>
>>n = 0
>>For idx = 1 to Ubound(adata) - 1 Step 2
>> Redim Preserve aLocations(n), aNames(n)
>> aLocations(n) = Split(adata(idx - 1), ":")(1) ' array of strings
>> aNames(n) = Split(Split(adata(idx), ":")(1), ",") 'array of string arrays
>> n = n + 1
>>Next
>>
>>' Note that the aNames array can hve different length arrays in each element
>>n = Ubound(aLocations)
>>wsh.echo "Name(s) for location ", aLocations(n), "is/are ", Join(aNames(n),
>>" ")
>>
>>This approach makes use of functions that reduce the need for so many loops.
>>
>>The text file can have up to one blank line between data lines. All data
>>must be in pairs of Locations/Names lines.
>>
>>Tom Lavedas
>>=====
>>
>>"davidadner" wrote:
>>
>>> I'm trying to figure out how to parse a text file,
>>> looking for particular values.
>>>
>>> Here's an example of what's in the text file.
>>> Location: New York
>>> Names: John, Bob, Frank
>>>
>>>
>>> I want to read in the file and take the 3 names and
>>> perform operations against them. I know how to read in a
>>> file and once I have the values, I can do what I need,
>>> but I'm not sure how to get just the 3 names. I figure I
>>> need to do some sort of parsing with colons and commas as
>>> delimiters, but I'm not sure how.
>>>
>>> TTIA
>>>
>
>
>
```