Subject: Re: Writing a modified .txt file issue
Posted by Heinz Stege on Tue, 30 Jul 2013 04:42:58 GMT
View Forum Message <> Reply to Message

Good Morning David,

the reason is, that there are tabs (9b) instead of blanks (32b) in your text file. Only the first two columns are separated by a tab which is followed by a blank.

That makes pos=strpos(word,' ') to be -1 after extracting the first column. That, what your eyes see as column 2 to 5 is not splitted within the loop. It remains as one column in the word array.

When IDL converts this strings to floating point, it quietly ignores all the stuff right of the first tab. For example

```
  help,float('12.25 14 39.16 12.06')
```

prints

```
  <Expression>    FLOAT     =       12.2500
```

on the screen.

Do you have a string-replace-routine within your coyote library to replace all tabs within a string array by blanks? If yes, use it.

If not, you can replace

```
  pos=strpos(word,' ')
```

in line 21 by

```
  pos=ulong(strpos(word,' ')) < ulong(strpos(word,string(9b)))
```

and you will get the expected result. But please, don't blame me to make cryptic code. ;-)

The ulong function above is used to change -1 to a very big number. The replacement line returns the position of the next blank or the next tab, depending on what is more left.

Cheers, Heinz