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Subject: C=128 Basic 7.0 HEADER command with variables

Posted by [Anonymous](#) on Tue, 01 Nov 2016 14:33:38 GMT

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Originally posted by: GEO

I am trying to use the header command with a variable and it won't work with the DISK ID as a variable.

```
A$="Disk-NAME"
```

```
B$="9U"
```

```
HEADER (A$),I(B$),D0,U8
```

Gives a syntax error.

```
HEADER (A$),I9U,D0,U8
```

Works fine.

TIA.

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Subject: Re: C=128 Basic 7.0 HEADER command with variables

Posted by [Andreas Kohlbach](#) on Tue, 01 Nov 2016 21:43:36 GMT

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On Tue, 01 Nov 2016 07:33:38 -0700, GEO wrote:

>

> I am trying to use the header command with a variable and it won't  
> work with the DISK ID as a variable.

>

> A\$="Disk-NAME"

> B\$="9U"

> HEADER (A\$),I(B\$),D0,U8

>

> Gives a syntax error.

> HEADER (A\$),I9U,D0,U8

>

> Works fine.

Did you declare the array(s)? Suppose "I(B\$)" is an array. But then I don't know C=128 Basic 7.0.

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Andreas

You know you are a redneck if  
your good deed for the month was hiding your brother for a few days.

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Subject: Re: C=128 Basic 7.0 HEADER command with variables  
Posted by [Anonymous](#) on Wed, 02 Nov 2016 18:17:36 GMT  
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Originally posted by: GEO

On Tue, 01 Nov 2016 07:33:38 -0700, GEO <ghandle75.x@gmail.com-SPAM> wrote:

```
> I am trying to use the header command with a variable and it won't
> work with the DISK ID as a variable.
>
> A$="Disk-NAME"
> B$="9U"
> HEADER (A$),I(B$),D0,U8
>
> Gives a syntax error.
> HEADER (A$),I9U,D0,U8
>
> Works fine.
>
> TIA.
```

I solved this by putting everything into one variable:

```
A$="Disk-NAME": B$=",I":C$="7U"
A$=A$+B$+C$
HEADER (A$),D0,U8
```

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Subject: Re: C=128 Basic 7.0 HEADER command with variables  
Posted by [Anton Treuenfels](#) on Wed, 02 Nov 2016 22:16:09 GMT  
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```
"GEO" <ghandle75.x@gmail.com-SPAM> wrote in message
news:nm9h1cl5g0f66qdjofd23tps7rsivtm6k@4ax.com...
> I am trying to use the header command with a variable and it won't
> work with the DISK ID as a variable.
>
> A$="Disk-NAME"
> B$="9U"
> HEADER (A$),I(B$),D0,U8
>
> Gives a syntax error.
```

I(B\$) is interpreted as an array variable. BASIC does not allow array indices to be strings. You would get the same syntax error wherever you

tried to do this.

- Anton Treuenfels

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Subject: Re: C=128 Basic 7.0 HEADER command with variables

Posted by [Anonymous](#) on Mon, 04 Jun 2018 11:10:47 GMT

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Originally posted by: Johann Klasek - swap last two domainparts

Anton Treuenfels <teamtempest@yahoo.com> wrote:

```
>
> "GEO" <ghandle75.x@gmail.com-SPAM> wrote in message
> news:nm9h1cl5g0f66qdjofd23tps7rsivtm6k@4ax.com...
>> I am trying to use the header command with a variable and it won't
>> work with the DISK ID as a variable.
>>
>> A$="Disk-NAME"
>> B$="9U"
>> HEADER (A$),I(B$),D0,U8
>>
>> Gives a syntax error.
>
> I(B$) is interpreted as an array variable. BASIC does not allow array
> indices to be strings. You would get the same syntax error wherever you
> tried to do this.
```

Not a bad guess, but not exactly that what the interpreter really does.  
It a syntax error too, but not the same!

All disk based commands uses a sub-parser to handle the position independent arguments. The parser expects for the "I" argument exactly 2 following characters following. There is no expression evaluation at all. You have to be careful on known tokens like "ON", "TO", "FN", "IF" which represents only one byte, expecting an additional byte which are taken as ID.

In the case above, the parser takes "(B" as ID and the parser wants to continue with "\$)" where it expects a ",", or "TO" (not in this case) or a end-of-line, which raises the syntax error.

Currently I may only offer the german version of the command description for HEADER as Wiki article, <https://www.c64-wiki.de/wiki/HEADER>, which describes the special behavior on disk parameters.

The workaround as mentioned before by using ",lxx" in the diskname parameter is just possible, because the diskname is written directly to command channel. The only limit is the length of 16 characters. In that

way the diskname is limited to 12 characters, if the remaining 4 characters are needed for ",lxx".

Johann

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