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Subject: ProDOS Commands for Basic  
Posted by [Anonymous](#) on Fri, 18 Jan 2019 21:07:43 GMT  
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Originally posted by: Apple//e86

Hello,

I am refreshing my skills with Basic and ProDOS. Is there a way to load/save Basic program files from a disk drive 2? If so, what would the commands be? Thank you!

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Subject: Re: ProDOS Commands for Basic  
Posted by [Steve Nickolas](#) on Fri, 18 Jan 2019 21:10:33 GMT  
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On Fri, 18 Jan 2019, Apple//e86 wrote:

> Hello,  
>  
> I am refreshing my skills with Basic and ProDOS. Is there a way to load/save Basic program files from a disk drive 2? If so, what would the commands be? Thank you!

>  
>

,D2

-uso.

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Subject: Re: ProDOS Commands for Basic  
Posted by [Anonymous](#) on Fri, 18 Jan 2019 22:58:02 GMT  
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Originally posted by: Apple//e86

Thanks. Do I need to specify slot the drive card is in?

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Subject: Re: ProDOS Commands for Basic  
Posted by [Steve Nickolas](#) on Sat, 19 Jan 2019 00:08:22 GMT  
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On Fri, 18 Jan 2019, Apple//e86 wrote:

>  
>

> Thanks. Do I need to specify slot the drive card is in?  
>

Not if it's the current slot.

-USO.

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Subject: Re: ProDOS Commands for Basic  
Posted by [gids.rs](#) on Sat, 19 Jan 2019 02:58:12 GMT  
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,D2 should not really be used without the Slot derivative, as Prodos can handle not only floppy drives, but 3.5 floppies, hard drives and Ram Drives all connected at the same time. All can also have a 2nd drive of each kind.

With that many drives I feel it is best not to limit a basic program to just D1 and D2, and better off to use the Prefix command.

Remember also that Prodos can handle sub-directories and is limited to only 51 files in the root directory.

You would use the Prefix command with CHR\$(4) like this

```
10 ? CHR$(4)"PREFIX,S6,D2": INPUT VOL$
```

It is a little more involved to read the subdirectories and files from basic, but to enter a subdirectory is very easy. Just enter the subdir name after the Prefix command.

Some more examples of the Prefix command

```
10 ? CHR$(4)"PREFIX /VOLNAME": requires forward slash  
10 ? CHR$(4)"PREFIX SUBDIRECTORYNAME"  
10 ? CHR$(4)"PREFIX": INPUT VOL$: gets current slots prefix
```

To read files from any directory is

```
20 ? CHR$(4)"READ"VOL$DIR$: CT=1  
30 INPUT A$: INPUT A$: INPUT A$: discard the first 3 lines of a CATALOG  
40 INPUT FI$(CT): CT=CT+1  
50 IF FI$(CT) <> "" THEN 40  
60 CT=CT-1: FOR I=1 TO CT: ? FI$(I): NEXT
```

That should be enough to get you started. You will have to first read the volume name and subdirectory name into VOL\$ and DIR\$

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Originally posted by: billchatfield1

On Friday, January 18, 2019 at 9:58:14 PM UTC-5, I am Rob wrote:

> ,D2 should not really be used without the Slot derivative, as ProDOS can handle not only floppy drives, but 3.5 floppies, hard drives and Ram Drives all connected at the same time. All can also have a 2nd drive of each kind.

>

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>

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>

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> 40 INPUT FI\$(CT): CT=CT+1

> 50 IF FI\$(CT) <> "" THEN 40

> 60 CT=CT-1: FOR I =1 TO CT: ? FI\$(I): NEXT

>

> That should be enough to get you started. You will have to first read the volume name and subdirectory name into VOL\$ and DIR\$

A big part of this is knowing what the volume names are before you type in PREFIX /VOLNAME. ProDOS does not provide a straight-forward way to get the volume names. So, I wrote a program to do it: <https://github.com/gungwald/online>

There is an online.dsk download in the releases section.

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