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[Mike Kadow](#) · May 17, 2016 3m read

NewBie's Corner Session 3 More Read and Write commands & Multiple commands

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Welcome to NewBie's Corner, a weekly or biweekly post covering basic Caché Material.

Click on the Caché Cube in your system tray and select Terminal to try out the commands.

Write command with carriage return and line feed

When the exclamation point "!" is inserted after a Write command, a carriage return and line feed combination is produced. Note in this example, that a comma separates the exclamation point from the variable "X".

```
Set X=12
Write !,X
                              ; carriage return and line feed inserted here
12
```

Multiple variables may be set with one Set command and the Write command does the same

```
Set X=12,Y=13,Z=14       ;single Set command with variables separated by commas
Write X,Y,Z              ;single Write command with multiple variables
121314
```

Now here is where the carriage return and line feed come in

```
Write !,X,!,Y,!,Z
12
13
14
```

Other Read and Write operators

Exclamation point (!) – Inserts a carriage return / line feed (already shown)

Hash symbol (#)

   The Hash symbol or pound sign (#) serves two purposes:

 Write # - inserts a formfeed

 Write #,"Just after a formfeed"

Read – limits the number of characters' read

       Read entry#5 ; will accept the first 5 characters only

       Integer required

Question mark (?) - Write advancing a number of spaces from the beginning of the line

 Write ?10,"Now is the time" ; will start writing at column 10

Integer required

Colon (:) - Read command timer

Read entry:5 ; will only wait 5 seconds before terminating read

Integer required

--Mike Kadow

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If you have a comment, please respond through the InterSystems Developer Community, don't send me private email. Unless of course you wish to address me only.

See NewBie Index for an index of all NewBie Corner posts.

#Beginner #Terminal #Caché