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[Mike Kadow](#) · Jun 20, 2016 4m read

NewBie's Corner Session 8 Not

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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 these commands.

NOT operator ('), single quote or apostrophe

The "NOT" operator reverses the truth-value and is intended for numeric operands, however it can be used on alphanumeric operands.

```
Set X=1
Write 'X
0


Set X=1
If X Write "True"                ; 1 is always true and 0 is always false
True


Set X=0
Write 'X  ; X is 0, so "Not X" is 1 or true
1


Set X=1
Write 'X  ; X is 1, so "Not X" is 0 or false
0


Set X=0
If 'X Write "True"              ; X is 0 so "Not X" is 1
True


Set X=5 ; Any "Non Zero" value is true
If X Write "True"
True


Set X=5
Write 'X  ; "Not X", or "Not 5", is 0 or false
0


Set X="1"
If X Write "True"               ; 1 is always true even with Alphanumeric text
True


Set X="0"
Write 'X                       ; X is 0, so "Not X" is 1 even with Alphanumeric
1


Set X="1"
Write 'X                       ; X is 1, so "Not X" is 0 even with Alphanumeric
0
```

```
Set X="0ABC"  ; The first numeric is used and the rest is ignored
If 'X Write "True"
True


Set X="5ABC"  ; "Not X", or "Not 5", is 0 or false
Write 'X  ; The first numeric is used and the rest is ignored
0


Set X="ABC0"  ; If the numeric is not the first character the entire string is ignored
If 'X Write "True"
True
```

I suggest you spend some time on the Terminal trying some of these combinations. They are not always as obvious as you think.

--Mike Kadow

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

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#Beginner #Caché #Terminal

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