



Convert the string property PROP to a number if appropriate. Otherwise if prop looks like a list (meaning it starts with a '(') then read it as lisp expression, otherwise return it unmodified as a string.

Results of calling:
 (org-read-prop "12") -> 12
 (org-read-prop "(1 2 3)") -> (1 2 3)
 (org-read-prop "+0") -> 0
 (org-read-prop "aaa") -> "aaa"

Data
prop - string

org-read-prop

(and
(stringp prop)
(not (equal prop "")))

Data
(out (string-to-number prop))

'string-to-number' returns 0 if the string was a zero or if the string didn't contain convertable characters

(equal out 0)

cond

prop looks like a Lisp expression:
the first symbol of prop is (or \'

(or
(equal "(" (substring prop 0 1))
(equal "'" (substring prop 0 1)))

read function converts prop to lisp expression.
If any error occurs - return prop as string

(condition-case nil
(read prop)
(error prop)))

'prop' is the string "0",
"+0", or "-0"

(string-match
"^\\(+0\\|-0\\|0\\)\$"
prop)

0

else

t

We set all the properties,
associated with prop to nil

(set-text-properties
0
(length prop)
nil prop)

prop

out

prop

end