pstr (python string library) Scripting Documentation

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pstr.split

Syntax:

var = pystrlib2.split(string)

Takes one argument; splits the string fed into a list of chars. Returns a list of said chars

Example:

```python
import pstr

items = 0
word = 'hello'

x = pstr.split(word)

for item in x:
    items += 1

print('There are ' + str(items) + ' letters in ' + word)
```

Output:

```
There are 5 letters in hello
```

split can be used to find a specific letter in a string and create your own replace functions.

pstr.wSplit

Syntax:
var = pstr.wSplit(string)

Takes one argument; splits a string of words separated by spaces into separate items in a list. Returns said list

Example:
```python
import pstr

line = 'this is a line of words'
words = 0

x = pstr.wSplit(line)

for item in x:
    words += 1

print('There are ' + str(words) + ' words in "' + line + '"')
```

Output:
```
There are 6 words in "this is a line of words"
```

wSplit, or word split, can be used to count the words in a string (separated by spaces) like shown above. It can also be used to make your own find and replace function.

pstr.replace

Syntax:
var = pystrlib2.replace(old, new)

Takes two arguments; replaces the old string with a new one. Returns the new string.

Example:

```python
import pstr

word = 'replace me'

print(word)

word = pstr.replace(word, 'replaced')

print(word)
```

Output:
```
replace me
replaced
```

Replace can be used to replace ANY string, no matter the length. Use it to replace items in a list or overwrite a long line of text. Remember it doesn't replace a specific word, (See sReplace for that), but it replaces the entire string.

pstr.sReplace

Syntax:

var = pstr.sReplace(line, query, replacement)

Takes three arguments; returns the revised string.

Example

```
import pstr

string = 'find a word in this to replace'

print(string)
print()
query = input('What word in the string above would you like to
replace: ')
rep = input('What would you like to replace "' + query + '" with: ')
string = pstr.sReplace(string, query, rep)
print()
print(string)
```

Output:

```
find a word in this to replace

What word in the string above would you like to replace: replace
What would you like to replace "replace" with: replaced with str

find a word in this to replaced with str
```

sReplace, or search replace, can be used to search and replace all of a query in a string. This means if there is any word in a string that the query matches, it will replace it.