NAME

ne_token, ne_qtoken - string tokenizers

SYNOPSIS

#include <ne_string.h>

char *ne_token(char **_str_, char _sep_);

char *ne_qtoken(char **_str_, char _sep_, const char *_quotes_);

DESCRIPTION

ne_token and **ne_qtoken** tokenize the string at the location stored in the pointer *str*. Each time the function is called, it returns the next token, and modifies the *str* pointer to point to the remainder of the string, or NULL if there are no more tokens in the string. A token is delimited by the separator character *sep*; if **ne_qtoken** is used any quoted segments of the string are skipped when searching for a separator. A quoted segment is enclosed in a pair of one of the characters given in the *quotes* string.

The string being tokenized is modified each time the tokenizing function is called; replacing the next separator character with a NUL terminator.

EXAMPLES

The following function prints out each token in a comma-separated string *list*, which is modified in-place:

```
static void splitter(char *list)
{
  do {
    printf("Token: %s\n", ne_token(&list, ’,’));
  while (list);
}
```

AUTHOR

Joe Orton
Author.

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