NAME

PCRE - Perl-compatible regular expressions

SYNOPSIS

#include <pcre.h>

int pcre_get_substring_list(const char *_subject_,
int *_ovector_, int _stringcount_, const char ***_listptr_);**

int pcre16_get_substring_list(PCRE_SPTR16 _subject_,
int *_ovector_, int _stringcount_, PCRE_SPTR16 **_listptr_);**

int pcre32_get_substring_list(PCRE_SPTR32 _subject_,
int *_ovector_, int _stringcount_, PCRE_SPTR32 **_listptr_);**

DESCRIPTION

This is a convenience function for extracting a list of all the captured substrings. The arguments are:

subject	Subject that has been successfully matched
ovector	Offset vector that **pcre[16|32]_exec** used
stringcount	Value returned by **pcre[16|32]_exec**
listptr	Where to put a pointer to the list

The memory in which the substrings and the list are placed is obtained by calling **pcre[16|32]_malloc()**. The convenience function **pcre[16|32]_free_substring_list()** can be used to free it when it is no longer needed. A pointer to a list of pointers is put in the variable whose address is in *listptr*. The list is terminated by a NULL pointer. The yield of the function is zero on success or PCRE_ERROR_NOMEMORY if sufficient memory could not be obtained.

There is a complete description of the PCRE native API in the **pcreapi** page and a description of the POSIX API in the **pcreposix** page.