

**NAME**

PCRE - Perl-compatible regular expressions

**SYNOPSIS**

```
#include <pcre.h>

int pcre_copy_substring(const char *subject, int *ovector,
    int stringcount, int stringnumber, char *buffer,
    int buffersize);

int pcre16_copy_substring(PCRE_SPTR16 subject, int *ovector,
    int stringcount, int stringnumber, PCRE_UCHAR16 *buffer,
    int buffersize);

int pcre32_copy_substring(PCRE_SPTR32 subject, int *ovector,
    int stringcount, int stringnumber, PCRE_UCHAR32 *buffer,
    int buffersize);
```

**DESCRIPTION**

This is a convenience function for extracting a captured substring into a given buffer. 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()**  
*stringnumber* Number of the required substring  
*buffer*     Buffer to receive the string  
*buffersize*   Size of buffer

The yield is the length of the string, PCRE\_ERROR\_NOMEMORY if the buffer was too small, or PCRE\_ERROR\_NOSUBSTRING if the string number is invalid.

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.