NAME

PCRE2 - Perl-compatible regular expressions (revised API)

SYNOPSIS

#include <pcre2.h>

int pcre2_jit_match(const pcre2_code *code**, PCRE2_SPTR** *subject***,**
 PCRE2_SIZE *length***, PCRE2_SIZE** *startoffset***,**
 uint32_t *options***, pcre2_match_data ***match_data***,**
 pcre2_match_context *mcontext***);**

DESCRIPTION

This function matches a compiled regular expression that has been successfully processed by the JIT compiler against a given subject string, using a matching algorithm that is similar to Perl's. It is a "fast path" interface to JIT, and it bypasses some of the sanity checks that **pcre2_match()** applies. Its arguments are exactly the same as for **pcre2_match()**, except that the subject string must be specified with a length; PCRE2_ZERO_TERMINATED is not supported.

The supported options are PCRE2_NOTBOL, PCRE2_NOTEOL, PCRE2_NOTEMPTY, PCRE2_NOTEMPTY_ATSTART, PCRE2_PARTIAL_HARD, and PCRE2_PARTIAL_SOFT. Unsupported options are ignored. The subject string is not checked for UTF validity.

The return values are the same as for **pcre2_match**() plus PCRE2_ERROR_JIT_BADOPTION if a matching mode (partial or complete) is requested that was not compiled. For details of partial matching, see the **pcre2partial** page.

There is a complete description of the PCRE2 native API in the **pcre2api** page and a description of the JIT API in the **pcre2jit** page.