

**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.