

**NAME**

PCRE2 - Perl-compatible regular expressions (revised API)

**SYNOPSIS**

```
#include <pcr2.h>
```

```
int pcre2_set_compile_extra_options(pcre2_compile_context *ccontext,
    uint32_t extra_options);
```

**DESCRIPTION**

This function sets additional option bits for **pcre2\_compile()** that are housed in a compile context. It completely replaces all the bits. The extra options are:

PCRE2_EXTRA_ALLOW_LOOKAROUND_BSK	Allow \K in lookarounds
PCRE2_EXTRA_ALLOW_SURROGATE_ESCAPES	Allow \x{df800} to \x{dfff} in UTF-8 and UTF-32 modes
PCRE2_EXTRA_ALT_BSUX	Extended alternate \u, \U, and \x handling
PCRE2_EXTRA_BAD_ESCAPE_IS_LITERAL	Treat all invalid escapes as a literal following character
PCRE2_EXTRA_ESCAPED_CR_IS_LF	Interpret \r as \n
PCRE2_EXTRA_MATCH_LINE	Pattern matches whole lines
PCRE2_EXTRA_MATCH_WORD	Pattern matches "words"

There is a complete description of the PCRE2 native API in the **pcre2api** page and a description of the POSIX API in the **pcre2posix** page.