**NAME**

      PCRE2 - Perl-compatible regular expressions (revised API)

**SYNOPSIS**

      **#include <pcre2.h>**

      **pcre2_jit_stack *pcre2_jit_stack_create(PCRE2_SIZE** *startsize***,**
        **PCRE2_SIZE** *maxsize***, pcre2_general_context *** *gcontext***);**

**DESCRIPTION**

      This function is used to create a stack for use by the code compiled by the JIT compiler. The first two arguments are a starting size for the stack, and a maximum size to which it is allowed to grow. The final argument is a general context, for memory allocation functions, or NULL for standard memory allocation. The result can be passed to the JIT run-time code by calling **pcre2_jit_stack_assign()** to associate the stack with a compiled pattern, which can then be processed by **pcre2_match()** or **pcre2_jit_match()**. A maximum stack size of 512KiB to 1MiB should be more than enough for any pattern. For more details, see the **pcre2jit** page.

      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.