NAME

    set_field_opts, **field_opts_on**, **field_opts_off**, **field_opts** - set and get field options

SYNOPSIS

    #include <form.h>

    int set_field_opts(FIELD *_field_, Field_Options _opts_);
    Field_Options field_opts(const FIELD *_field_);

    int field_opts_on(FIELD *_field_, Field_Options _opts_);
    int field_opts_off(FIELD *_field_, Field_Options _opts_);

DESCRIPTION

    The function **set_field_opts** sets all the given field's option bits (field option bits may be logically-OR'ed together).

    The function **field_opts_on** turns on the given option bits, and leaves others alone.

    The function **field_opts_off** turns off the given option bits, and leaves others alone.

    The function **field_opts** returns the field's current option bits.

    The following standard options are defined (all are on by default):

    O_ACTIVE

        The field is visited during processing. If this option is off, the field will not be reachable by navigation keys. Please notice that an invisible field appears to be inactive also.

    O_AUTOSKIP

        Skip to the next field when this one fills.

    O_BLANK

        The field is cleared whenever a character is entered at the first position.

    O_EDIT

        The field can be edited.

    O_NULLOK

        Allow a blank field.

O_PASSOK

Validate field only if modified by user.

O_PUBLIC

The field contents are displayed as data is entered.

O_STATIC

Field buffers are fixed to field's original size. Turn this option off to create a dynamic field.

O_VISIBLE

The field is displayed. If this option is off, display of the field is suppressed.

O_WRAP

Words that do not fit on a line are wrapped to the next line. Words are blank-separated.

These extension options are defined (extensions are off by default):

O_DYNAMIC_JUSTIFY

Permit dynamic fields to be justified, like static fields.

O_NO_LEFT_STRIP

Preserve leading whitespace in the field buffer, which is normally discarded.

O_EDGE_INSERT_STAY

When inserting into a field up to the boundary position, optionally delay the scrolling, so that the last inserted character remains visible, but advance the cursor to reflect the insertion. This allows the form library to display the inserted character in one-character fields as well as allowing the library to maintain consistent state.

O_INPUT_FIELD

The **set_max_field** function checks for this extension, which allows a dynamic field to shrink if the new limit is smaller than the current field size.

RETURN VALUE

Except for **field_opts**, each routine returns one of the following:

E_OK

The routine succeeded.

E_BAD_ARGUMENT

Routine detected an incorrect or out-of-range argument.

E_CURRENT
The field is the current field.

E_SYSTEM_ERROR
System error occurred (see **errno**(3)).

SEE ALSO
curses(3X), **form**(3X). **form_field_just**(3X).

NOTES
The header file **<form.h>** automatically includes the header file **<curses.h>**.

PORTABILITY
These routines emulate the System V forms library. They were not supported on Version 7 or BSD versions.

AUTHORS
Juergen Pfeifer. Manual pages and adaptation for new curses by Eric S. Raymond.