

**NAME**

**form\_hook** - set hooks for automatic invocation by applications

**SYNOPSIS**

```
#include <form.h>
```

```
int set_field_init(FORM *form, Form_Hook func);  
Form_Hook field_init(const FORM *form);
```

```
int set_field_term(FORM *form, Form_Hook func);  
Form_Hook field_term(const FORM *form);
```

```
int set_form_init(FORM *form, Form_Hook func);  
Form_Hook form_init(const FORM *form);
```

```
int set_form_term(FORM *form, Form_Hook func);  
Form_Hook form_term(const FORM *form);
```

**DESCRIPTION**

These functions make it possible to set hook functions to be called at various points in the automatic processing of input event codes by **form\_driver**.

**set\_field\_init**

sets a hook to be called at form-post time and each time the selected field changes (after the change).

**field\_init**

returns the current field init hook, if any (**NULL** if there is no such hook).

**set\_field\_term**

sets a hook to be called at form-unpost time and each time the selected field changes (before the change).

**field\_term**

returns the current field term hook, if any (**NULL** if there is no such hook).

**set\_form\_init**

sets a hook to be called at form-post time and just after a page change once it is posted.

**form\_init**

returns the current form init hook, if any (**NULL** if there is no such hook).

**set\_form\_term**

sets a hook to be called at form-unpost time and just before a page change once it is posted.

**form\_term**

returns the current form term hook, if any (**NULL** if there is no such hook).

**RETURN VALUE**

Routines that return pointers return **NULL** on error. Other routines return one of the following:

**E\_OK**

The routine succeeded.

**E\_SYSTEM\_ERROR**

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

**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.

**SEE ALSO**

**curses(3X)**, **form(3X)**