

**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**.

The function **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).

The function **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).

The function **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).

The function **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**

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The routine succeeded.

### **E\_SYSTEM\_ERROR**

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

### **SEE ALSO**

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

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