NAME

ddi_ufm_image_set_desc, **ddi_ufm_image_set_misc** - UFM image property routines

SYNOPSIS

#include <sys/ddi_ufm.h>

void
ddi_ufm_image_set_desc(*ddi_ufm_image_t *uip, const char *description*);

void
ddi_ufm_image_set_misc(*ddi_ufm_image_t *uip, nvlist_t *nvl*);

INTERFACE LEVEL

Evolving - This interface is evolving still in illumos. API and ABI stability is not guaranteed.

PARAMETERS

uip A pointer to a UFM image that was passed to the driver in its ddi_ufm_op_fill_image(9E) entry point.

description A human-readable description of the firmware image.

nvl An nvlist_t with ancillary, device-specific data.

DESCRIPTION

The **ddi_ufm_image_set_desc**() and **ddi_ufm_image_set_misc**() functions are used by device drivers to set information about a firmare image on the image structure *uip* as a part of implementing their ddi_ufm_op_fill_image(9E) entry point. For more information on images and the use of these functions, see the descrption of the **ddi_ufm_op_fill_image**() function in ddi_ufm(9E).

The **ddi_ufm_image_set_desc**() function sets the description of the fimrware image. This description is intended for administrators and should convey the intended use of the image.

The **ddi_ufm_image_set_misc**() function is used by drivers to set ancillary key-value data that may be useful to a consumer. The driver should create an nvlist for this purpose with nvlist_alloc(9F.) Once the driver passes the nvlist to the **ddi_ufm_image_set_misc**() function, then the driver must not manipulate or free the nvlist at all. It is the property of the UFM subsystem.

CONTEXT

These function should only be called in the context of the ddi_ufm_op_fill_image(9E) entry point. However, these functions may be called from **kernel** context.

SEE ALSO

ddi_ufm(9E), ddi_ufm_op_fill_image(9E), nvlist_alloc(9F)