

UF_VDAC_ask_ckey_comply_errors [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Returns all comply error items of a given check criterion key.

Environment

Internal and External

See Also

UF_VDAC_load_ceo
UF_VDAC_ask_class_info

```
int UF_VDAC_ask_ckey_comply_errors
(
    UF_VDAC_ceos_pc_t ceop,
    UF_VDAC_class_info_pc_t class_info,
    int info_index,
    UF_VDAC_ce_p_t const ce
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
UF_VDAC_class_info_pc_t	class_info	Input	address of comply error class info
int	info_index	Input	class info index range(0, class_info->num_infos - 1)
UF_VDAC_ce_p_t const	ce	Output	address of comply error descriptor

UF_VDAC_ask_ckey_fo_list [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Returns a list of faulty object identifiers for a given check criterion key.

Environment

Internal and External

See Also

UF_VDAC_load_ceo
UF_VDAC_ask_class_info
UF_VDAC_delete_list_members

```
int UF_VDAC_ask_ckey_fo_list
(
    UF_VDAC_ceos_pc_t ceop,
    UF_VDAC_class_info_pc_t class_info,
    int info_index,
    UF_VDAC_ckey_fo_p_t const fo_list
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
UF_VDAC_class_info_pc_t	class_info	Input	address of comply error class info
int	info_index	Input	class info index range(0, class_info->ce_count - 1)
UF_VDAC_cckey_fo_p_t const	fo_list	Output	address of faulty object identifier list

UF_VDAC_ask_class_info [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Returns information about the number of criteria of a VDA Checker class that produced comply errors.

Environment

Internal and External

See Also

[UF_VDAC_load_ceo](#)

```
int UF_VDAC_ask_class_info
(
    UF_VDAC_ceos_pc_t ceop,
    UF_VDAC_class_e_t comply_class,
    UF_VDAC_class_info_p_t const class_info
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
UF_VDAC_class_e_t	comply_class	Input	comply error object class
UF_VDAC_class_info_p_t const	class_info	Output	address of comply error class info

UF_VDAC_ask_fo_comply_errors [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Returns all comply errors of a faulty object.

Environment

Internal and External

See Also

[UF_VDAC_load_ceo](#)
[UF_VDAC_ask_cckey_comply_errors](#)
[UF_VDAC_ask_cckey_fo_list](#)

```
UF_VDAC_ask_class_info
UF_VDAC_ask_fo_list
```

```
int UF_VDAC_ask_fo_comply_errors
(
    UF_VDAC_ceos_pc_t ceop,
    tag_t faulty,
    UF_VDAC_fo_ce_p_t const ce_obj
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
tag_t	faulty	Input	faulty object identifier
UF_VDAC_fo_ce_p_t const	ce_obj	Output	address of Faulty Object Check Criterion Key Comply Errors or NULL if none.

UF_VDAC_ask_fo_list [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Returns a list of all faulty object identifiers.

Environment

Internal and External

See Also

```
UF_VDAC_load_ceo
UF_VDAC_ask_fo_comply_errors
```

```
int UF_VDAC_ask_fo_list
(
    UF_VDAC_ceos_pc_t ceop,
    UF_VDAC_list_pc_t* const first,
    int* const count
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
UF_VDAC_list_pc_t* const	first	Output	address of pointer to first list item
int* const	count	Output	address of number of list items or NULL

UF_VDAC_ask_fo_neighbors [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Returns a list of neighbor object identifiers for a given faulty object.

Environment

Internal and External

See Also

UF_VDAC_load_ceo
UF_VDAC_ask_cckey_fo_list
UF_VDAC_ask_fo_list

```
int UF_VDAC_ask_fo_neighbors
(
    UF_VDAC_ceos_pc_t ceop,
    tag_t faulty,
    UF_VDAC_fo_neighbors_p_t const fo_neighbors
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
tag_t	faulty	Input	faulty object identifier
UF_VDAC_fo_neighbors_p_t const	fo_neighbors	Output	address of Faulty Object Neighbors Info

UF_VDAC_ask_log_text_list (view source)

Defined in: uf_vdac.h

Overview

Returns the log and error log text list of the VDA module.
The text list is invalidated by a UF_VDAC_free_ceo call.
This function is intended to include logging information of the VDA module in the log of the NX/Open application.

Environment

Internal and External

See Also

UF_VDAC_load_ceo
UF_VDAC_free_ceo

```
int UF_VDAC_ask_log_text_list
(
    UF_VDAC_ceos_pc_t ceop,
    UF_VDAC_text_list_pc_t* const first,
    int* const count
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
UF_VDAC_text_list_pc_t* const	first	Output	address of pointer to first text list item
int* const	count	Output	address of number of text list items or NULL

UF_VDAC_delete_list_members [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Deletes all members of a object identifier list.

Environment

Internal and External

See Also

UF_VDAC_load_ceo
UF_VDAC_ask_cckey_fo_list

```
int UF_VDAC_delete_list_members
(
    UF_VDAC_ceos_pc_t ceop,
    UF_VDAC_list_head_p_t const lh
)
```

UF_VDAC_ceos_pc_t	ceop	Input	comply errors evaluator structure pointer
UF_VDAC_list_head_p_t const	lh	Input / Output	address of Object Identifier list head

UF_VDAC_free_ceo [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Frees the Comply Errors Evaluator structure.
All object data that the NX/Open application asked for are invalid after this call.

Environment

Internal and External

See Also

UF_VDAC_load_ceo

```
int UF_VDAC_free_ceo
(
    UF_VDAC_ceos_p_t* ceos
)
```

UF_VDAC_ceos_p_t*	ceos	Input / Output	address of comply errors evaluator structure pointer ceos is set to NULL.
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UF_VDAC_load_ceo [\(view source\)](#)

Defined in: `uf_vdac.h`

Overview

Initializes comply errors evaluator structure.
Loads comply errors from .ceo file of the work part.

Environment

Internal and External

See Also

`UF_VDAC_free_ceo`

```
int UF_VDAC_load_ceo
(
    const char* ceo_file_name,
    const char* log_file_name,
    UF_VDAC_ce_vers_e_t api_version,
    UF_VDAC_ceos_p_t* ceos
)
```

const char*	ceo_file_name	Input	Compliance Error Objects file name, optional This file contains the session independent compliance error lists. If NULL is specified the actual file name (.ceo) is derived from the part file name and has to be located in the same directory as the part file
const char*	log_file_name	Input	Optional log file name This file contains useful info in case of errors If NULL is specified the actual file name (.log) is derived from the part file name and ends with _uf_vdac.log and has to be located in the same directory as the part file
UF_VDAC_ce_vers_e_t	api_version	Input	NX/Open version of comply error interface
UF_VDAC_ceos_p_t*	ceos	Output to UF_*free*	Address of Comply Errors Evaluator structure pointer. It must be freed by calling UF_VDAC_free_ceo.