UF_CGM_export_error_f_t (view source)

Defined in: uf_cgm_types.h

Overview
UF_CGM_export_error_f_t

An export_error callback of type UF_CGM_export_error_f_t is invoked if
some error occurs while generating the CGM file. In this callback,
the application can restore the state of application objects/geometry
and can free resources allocated for the operation.

The export_error callback is invoked only if the pre_export callback
returned TRUE for the same export operation.

If the export_error callback is invoked, then the post_export callback
is not invoked for the same export operation.

void UF_CGM_export_error_f_t
(
    UF_CGM_export_reason_t reason,
    UF_CGM_export_source_t source,
    tag_t drawing_sheet,
    void * appl_data
)

UF_CGM_export_reason_t	**reason**	Input	The reason that CGM export is in progress
UF_CGM_export_source_t	**source**	Input	The source for the CGM export
tag_t	**drawing_sheet**	Input	The tag of the drawing sheet being exported, or NULL_TAG if the export is the current display.
void *	**appl_data**	Input	The application data passed to the registration of the function. This is always NULL.

UF_CGM_post_export_f_t (view source)

Defined in: uf_cgm_types.h

Overview
UF_CGM_post_export_f_t

A post_export callback of type UF_CGM_post_export_f_t is invoked after
geometry is successfully recorded in a CGM file. In this callback,
the application can restore the state of application objects/geometry
and can free resources allocated for the operation.

The post_export callback is invoked only if the pre_export callback
returned TRUE for the same export operation.

The post_export callback is not invoked if an error occurs during the
export operation. The export_error callback is invoked instead.

void UF_CGM_post_export_f_t
(
  UF_CGM_export_reason_t reason,
  UF_CGM_export_source_t source,
  tag_t drawing_sheet,
  void * appl_data
)

UF_CGM_export_reason_t	**reason**	Input	The reason that CGM export is in progress
UF_CGM_export_source_t	**source**	Input	The source for the CGM export
tag_t	**drawing_sheet**	Input	The tag of the drawing sheet being exported, or NULL_TAG if the export is the current display.
void *	**appl_data**	Input	The application data passed to the registration of the function. This is always NULL.

UF_CGM_pre_export_f_t (view source)

Defined in: uf_cgm_types.h

Overview

UF_CGM_pre_export_f_t

A pre_export callback of type UF_CGM_pre_export_f_t is invoked before
geometry is recorded in a CGM file during a CGM export operation.
In this function, the application might enable or disable display
of application objects, as appropriate.

If the application decides to take some action in response to the
export operation, then the application can return a (void) pointer
to arbitrary application data in the appl_data parameter. This pointer
will later be passed as the appl_data parameter to the post_export
and export_error callback functions.

The application returns TRUE from the pre_export callback if the
operation is of interest, and FALSE otherwise. The post_export and
export_error callback functions are not invoked unless the pre_export
callback returns TRUE.

logical UF_CGM_pre_export_f_t
(
  UF_CGM_export_reason_t reason,
  UF_CGM_export_source_t source,
  tag_t drawing_sheet,
  void * * appl_data
)

UF_CGM_export_reason_t	**reason**	Input	The reason that CGM export is in progress
UF_CGM_export_source_t	**source**	Input	The source for the CGM export
tag_t	**drawing_sheet**	Input	The tag of the drawing sheet being exported, or NULL_TAG if the export is the current display.

void * *	**appl_data**	Input	The application data passed to the registration of the function.