UF_UDOBJ_owned_object_selection_e (view source)

Defined in: uf_udobj.h

Also known as:

- UF_UDOBJ_owned_object_selection_t

Overview

The default behavior is not to allow selection of owned objects. If you pick an owned object, the UDO object is actually selected. If the owning UDO object is not eligible to be selected, then the owned object can not be picked.

The UDO can be changed to allow the selection of an owned object. In this case picking of the owned object will select the owned object and activate the up one level button, if the owning UDO is eligible for selection. Now the owning UDO can be selected using this button. If the UDO is not eligible for selection, picking of the owned object will select the owned object only.

The selection behavior of the UDO class can be changed by using the routine: UF_UDOBJ_set_owned_object_selection

UDO's can own other UDO's. So you can have the chain:

UDO1 owns UDO2 owns UDO3 owns point1

For a detailed discussion, please see Selection of UDO's that own other UDO's

Interactively selecting owned objects for deletion is specifically disabled. So even if the UDO class is set for UF_UDOBJ_ALLOW_SELECTION, owned objects can not be interactively selected for delete through Edit->delete.

If the owned object is a solid, then the solid may still be selected through modeling selection where a feature list is presented to the user. So for example, it may be deleted through Edit->Feature->Delete Feature. This is because ultimately modeling is in control of all solid bodies.

Data Members

UF_UDOBJ_DONT_ALLOW_SELECTION = 1
Owned objects can not be selected. Selection of the owned object results in the UDO being selected. If the UDO is not selectable, the owned object will not be eligible for selection.

UF_UDOBJ_ALLOW_SELECTION = 2
Owned objects can be selected. If the UDO is selectable, then selecting the owned object will select it and activate the Up One Level button. If the UDO is not selectable, then the owned object may be selected.

UF_UDOBJ_query_class_id_e (view source)

Defined in: uf_udobj.h

Also known as:

- UF_UDOBJ_query_class_id_t

Data Members

UF_UDOBJ_DONT_ALLOW_QUERY_CLASS_ID = 1
The class id can not be found by the name.

UF_UDOBJ_ALLOW_QUERY_CLASS_ID = 2
Given the name of the class, the class id
can be found using UF_UDOBJ_ask_class_id_of_name