

## UF\_SKET\_assoc\_mod\_e [\(view source\)](#)

Defined in: `uf_sket_types.h`

Also known as:

- `UF_SKET_assoc_mod_t`

### Data Members

`UF_SKET_first_end_point`

`UF_SKET_last_end_point`

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## UF\_SKET\_assoc\_type\_e [\(view source\)](#)

Defined in: `uf_sket_types.h`

Also known as:

- `UF_SKET_assoc_type_t`

### Overview

Associativity types for sketch dimension.

### Data Members

`UF_SKET_assoc_type_none`

`UF_SKET_end_point`

`UF_SKET_arc_center`

`UF_SKET_tangency`

`UF_SKET_curve_point`

`UF_SKET_anchor_point`

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## UF\_SKET\_con\_class\_e [\(view source\)](#)

Defined in: `uf_sket_types.h`

Also known as:

- UF\_SKET\_con\_class\_t
- UF\_SKET\_con\_class\_p\_t

## Data Members

UF\_SKET\_no\_cons

UF\_SKET\_all\_cons

UF\_SKET\_geo\_cons

UF\_SKET\_dim\_cons

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## UF\_SKET\_con\_type\_e [\(view source\)](#)

Defined in: `uf_sket_types.h`

Also known as:

- UF\_SKET\_con\_type\_t
- UF\_SKET\_con\_type\_p\_t

## Data Members

UF\_SKET\_no\_con

UF\_SKET\_fixed

UF\_SKET\_horizontal

UF\_SKET\_vertical

UF\_SKET\_parallel

UF\_SKET\_perpendicular

UF\_SKET\_collinear

UF\_SKET\_equal\_length

UF\_SKET\_equal\_radius

UF\_SKET\_constant\_length

**UF\_SKET\_constant\_angle**

**UF\_SKET\_coincident**

**UF\_SKET\_concentric**

**UF\_SKET\_mirror**

**UF\_SKET\_point\_on\_curve**

**UF\_SKET\_midpoint**

**UF\_SKET\_tangent**

**UF\_SKET\_radius\_dim**

**UF\_SKET\_diameter\_dim**

**UF\_SKET\_horizontal\_dim**

**UF\_SKET\_vertical\_dim**

**UF\_SKET\_parallel\_dim**

**UF\_SKET\_perpendicular\_dim**

**UF\_SKET\_angular\_dim**

**UF\_SKET\_reserved\_con\_1**

Do not use

**UF\_SKET\_reserved\_con\_2**

Do not use

**UF\_SKET\_reserved\_con\_3**

Do not use

**UF\_SKET\_reserved\_con\_4**

Do not use

**UF\_SKET\_reserved\_con\_5**

Do not use

**UF\_SKET\_reserved\_con\_6**

Do not use

**UF\_SKET\_point\_on\_string**

**UF\_SKET\_slope**

**UF\_SKET\_uniform\_scaled**

**UF\_SKET\_non\_uniform\_scaled**

**UF\_SKET\_assoc\_trim**

Limited support

**UF\_SKET\_assoc\_offset**

Limited support

**UF\_SKET\_perimeter\_dim**

**UF\_SKET\_pgm\_offset**

**UF\_SKET\_normal**

**UF\_SKET\_point\_on\_loop**

**UF\_SKET\_recipe\_trim**

**UF\_SKET\_pattern**

**UF\_SKET\_rigid\_set**

**UF\_SKET\_g1**

**UF\_SKET\_g2**

**UF\_SKET\_align**

**UF\_SKET\_tangent\_to\_string**

**UF\_SKET\_perpendicular\_to\_string**

**UF\_SKET\_scalable\_set**

**UF\_SKET\_last\_con\_type**

The last constraint type indicator; NOT to be used.

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**UF\_SKET\_geom\_vertex\_e** ([view source](#))

Defined in: `uf_sket_types.h`

Also known as:

- `UF_SKET_geom_vertex_t`

## Overview

enum and structures for createing geometric constraints

## Data Members

**UF\_SKET\_no\_vertex**

**UF\_SKET\_start\_vertex**

**UF\_SKET\_end\_vertex**

**UF\_SKET\_center\_vertex**

used only for Arcs/Ellipses

**UF\_SKET\_spline\_defining\_point**

used only for splines

**UF\_SKET\_anchor\_vertex**

used only by general conics

**UF\_SKET\_spline\_pole**

used only for splineByPoles

**UF\_SKET\_mid\_vertex**

used only for Arcs/Lines

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## UF\_SKET\_help\_type\_e [\(view source\)](#)

Defined in: `uf_sket_types.h`

Also known as:

- `UF_SKET_help_type_t`

## Data Members

**UF\_SKET\_no\_help\_data**

**UF\_SKET\_use\_help\_pt**

**UF\_SKET\_use\_help\_param**

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## UF\_SKET\_reference\_status\_e [\(view source\)](#)

Defined in: `uf_sket_types.h`

**Also known as:**

- UF\_SKET\_reference\_status\_t

**Data Members**

UF\_SKET\_reference

UF\_SKET\_active

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**UF\_SKET\_status\_e** ([view source](#))

Defined in: `uf_sket_types.h`

**Also known as:**

- UF\_SKET\_status\_t
- UF\_SKET\_status\_p\_t

**Overview**

As of V17, the values of these UF\_SKET\_status\_e will be recorded in the part file. Hence, their values cannot be arbitrarily changed.

**Data Members**

UF\_SKET\_unknown\_status

UF\_SKET\_not\_evaluated

UF\_SKET\_under\_constrained

UF\_SKET\_well\_constrained

UF\_SKET\_over\_constrained

UF\_SKET\_inconsistently\_constrained

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