

## UF\_SIM\_axis\_rot\_dir\_type\_t [\(view source\)](#)

Defined in: `uf_sim.h`

### Data Members

UF\_SIM\_AXIS\_ROT\_NONE=0

UF\_SIM\_AXIS\_ROT\_MAGNITUDE\_DETERMINES\_DIRECTION

UF\_SIM\_AXIS\_ROT\_ALWAYS\_SHORTEST

UF\_SIM\_AXIS\_ROT\_SIGN\_DETERMINES\_DIRECTION

UF\_SIM\_AXIS\_ROT\_ALWAYS\_CLW

UF\_SIM\_AXIS\_ROT\_ALWAYS\_CCLW

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## UF\_SIM\_ctrl\_status\_switch\_t [\(view source\)](#)

Defined in: `uf_sim.h`

### Data Members

UF\_SIM\_CTRL\_STATUS\_NONE=0

UF\_SIM\_CTRL\_STATUS\_SEND\_NC\_CMD\_MSG=2

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## UF\_SIM\_cutting\_mode\_t [\(view source\)](#)

Defined in: `uf_sim.h`

### Data Members

UF\_SIM\_CUTTING\_MODE\_NONE=0

UF\_SIM\_CUTTING\_MODE\_CUT

UF\_SIM\_CUTTING\_MODE\_RAPID

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## UF\_SIM\_KIM\_degof\_types\_t [\(view source\)](#)

Defined in: `uf_sim.h`

### Data Members

`UF_SIM_KIM_DEGOF_TYPE_NONE=0`

`UF_SIM_KIM_DEGOF_LINEAR=1`

`UF_SIM_KIM_DEGOF_ROTARY=2`

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## UF\_SIM\_tool\_class\_t [\(view source\)](#)

Defined in: `uf_sim.h`

### Overview

The units of the SIM tools classifier

### Data Members

`UF_SIM_TOOL_CLASS_TOOL_NUMBER=0`

`UF_SIM_TOOL_CLASS_LIBRARY_REF`

`UF_SIM_TOOL_CLASS_CATALOG_NUMBER`

`UF_SIM_TOOL_CLASS_UG_NAME`

`UF_SIM_TOOL_CLASS_COMP_NAME`

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## UF\_SIM\_unit\_type\_t [\(view source\)](#)

Defined in: `uf_sim.h`

### Overview

The units of the SIM parameters

### Data Members

**UF\_SIM\_UNIT\_NONE=0**

**UF\_SIM\_UNIT\_MM**

**UF\_SIM\_UNIT\_M**

**UF\_SIM\_UNIT\_INCH**

**UF\_SIM\_UNIT\_FEET**

**UF\_SIM\_UNIT\_SEC**

**UF\_SIM\_UNIT\_MIN**

**UF\_SIM\_UNIT\_MM\_PER\_SEC**

**UF\_SIM\_UNIT\_MM\_PER\_MIN**

**UF\_SIM\_UNIT\_M\_PER\_MIN**

**UF\_SIM\_UNIT\_INCH\_PER\_SEC**

**UF\_SIM\_UNIT\_INCH\_PER\_MIN**

**UF\_SIM\_UNIT\_FEET\_PER\_MIN**

**UF\_SIM\_UNIT\_REV\_PER\_SEC**

**UF\_SIM\_UNIT\_REV\_PER\_MIN**

**UF\_SIM\_UNIT\_DEG\_PER\_MIN**

**UF\_SIM\_UNIT\_MM\_PER\_REV**

**UF\_SIM\_UNIT\_INCH\_PER\_REV**

**UF\_SIM\_UNIT\_MM\_PER\_100REV**

**UF\_SIM\_UNIT\_M\_PER\_SEC\_POW2**

**UF\_SIM\_UNIT\_SFM**

**UF\_SIM\_UNIT\_SMM**

**UF\_SIM\_UNIT\_DEG\_PER\_SEC**

**UF\_SIM\_UNIT\_RAD\_PER\_SEC**

**UF\_SIM\_UNIT\_RAD\_PER\_MIN**

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**UF\_SV\_KIM\_degof\_direction\_t** ([view source](#))

Defined in: `uf_sim.h`

### Data Members

**UF\_SV\_KIM\_DEGOF\_DIRECTION\_NONE=0**

**UF\_SV\_KIM\_DEGOF\_DIRECTION\_X\_POSITIVE=1**

**UF\_SV\_KIM\_DEGOF\_DIRECTION\_X\_NEGATIVE=2**

**UF\_SV\_KIM\_DEGOF\_DIRECTION\_Y\_POSITIVE=3**

**UF\_SV\_KIM\_DEGOF\_DIRECTION\_Y\_NEGATIVE=4**

**UF\_SV\_KIM\_DEGOF\_DIRECTION\_Z\_POSITIVE=5**

**UF\_SV\_KIM\_DEGOF\_DIRECTION\_Z\_NEGATIVE=6**

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