

circuit

- circuit()

circuit

Draws a block circuit diagram

Parameters

```
circuit(  
  body: none array element,  
  length: length ratio  
) -> none
```

body none or array or element

A code block in which draw functions have been called

length length or ratio

Optional base unit

Default: 2em

util

- lpad()
- opposite-anchor()
- rotate-anchor()

Variables:

- colors

lpad

Pads a string on the left with 0s to the given length

```
#util.lpad("0100", 8)
```

```
00000100
```

Parameters

```
lpad(  
  s: str,  
  len: int  
) -> str
```

s str

The string to pad

len int

The target length

opposite-anchor

Returns the anchor on the opposite side of the given one

```
#util.opposite-anchor("west")
```

```
east
```

Parameters

```
opposite-anchor(anchor: str) -> str
```

anchor `str`

The input anchor

rotate-anchor

Returns the anchor rotated 90 degrees clockwise relative to the given one

```
#util.rotate-anchor("west")
```

```
north
```

Parameters

```
rotate-anchor(anchor: str) -> str
```

anchor `str`

The anchor to rotate

colors

Predefined color palette