

# Codly Documentation

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- [codly\(\)](#)
- [codly-init\(\)](#)
- [codly-offset\(\)](#)
- [codly-range\(\)](#)
- [disable-codly\(\)](#)

## codly

Configures codly.

### Parameters

```
codly(  
  languages: dict,  
  display-name: bool,  
  display-icon: bool,  
  default-color: color gradient pattern,  
  radius: length,  
  padding: length,  
  fill: color gradient pattern,  
  zebra-color: none color gradient pattern,  
  stroke-width: length,  
  stroke-color: color gradient pattern,  
  enable-numbers: bool,  
  numbers-format: function,  
  language-block: function,  
  breakable: bool  
)
```

**languages** dict

The list of languages, allows setting a display name and an icon, it should be a dict of the form:

<language-name>: (name: <display-name>, icon: <icon-content>, color: <color>)

Note that the icon field is optional if no icon is needed/wanted.

also allowing for alises of the form where <language-name2> is a key in the dictionary:

<language-name1>: <language-name2>

Default: **none**

**display-name** bool

Whether to display the language name.

Default: **none**

**display-icon** bool

Whether to display the language icon.

Default: **none**

**default-color**   `color` or `gradient` or `pattern`

The default color for a language not in the list. Only used if `display-icon` or `display-name` is `true`.

Default: `none`

**radius**   `length`

Radius of a code block.

Default: `none`

**padding**   `length`

Padding of a code block.

Default: `none`

**fill**   `color` or `gradient` or `pattern`

Fill color of lines. If zebra color is enabled, this is just for odd lines.

Default: `none`

**zebra-color**   `none` or `color` or `gradient` or `pattern`

The zebra color to use or `none` to disable

Default: `false`

**stroke-width**   `length`

The stroke width to use to surround the code block. Set to `none` to disable strokes.

Default: `false`

**stroke-color**   `color` or `gradient` or `pattern`

The stroke color to use to surround the code block.

Default: `none`

**enable-numbers**   `bool`

Whether to enable line numbers.

Default: `none`

### **numbers-format**    `function`

Format of the line numbers. This is a function applied to the text of every line number.

Default: `none`

### **language-block**    `function`

A function that takes 3 positional parameters:

- name
- icon
- color

It returns the content for the language block.

Default: `none`

### **breakable**    `bool`

Whether this code block is breakable.

Default: `none`

## **codly-init**

Initialise codly to run on your document. Add the following to the top of your code:

```
#show: codly-init.with()
```

### **Parameters**

```
codly-init(body)
```

## **codly-offset**

Lets you set a line number offset.

### **Parameters**

```
codly-offset(offset: int)
```

### **offset**    `int`

Line offset

Default: `0`

## **codly-range**

Lets you set a range of line numbers to highlight.

## Parameters

```
codly-range(  
    start: int,  
    end: int | none  
)
```

**start**    int

Starting line (inclusive)

Default: 1

**end**    int or none

Ending line. Use none

Default: none

## disable-codly

Disables codly.

## Parameters

```
disable-codly()
```