Gura モジュールリファレンス - cairo

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Official site: http://www.gura-lang.org/

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1. このリファレンスについて

本リファレンスは Gura の cairo モジュールで定義されている関数やクラスの仕様について説明します。
Cairo のオフィシャルサイトは http://cairographics.org/ です。

2. リファレンス

2.1. image クラスの拡張

2.1.1. インスタンスメソッド

```
image#cairo() {block?}
```

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`cairo.surface#get_content()`

`cairo.surface#get_device()`

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`cairo.surface#mark_dirty():reduce`

`cairo.surface#mark_dirty_rectangle(x:number, y:number, width:number, height:number):reduce`

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`cairo.surface#set_fallback_resolution(x_pixels_per_inch:number, y_pixels_per_inch:number):reduce`

`cairo.surface#set_mime_data():reduce`

`cairo.surface#show_page():reduce`

2.4. `cairo.pattern` クラス

2.4.1. インスタンスの生成

`cairo.pattern_create_color(color:color, alpha?:number) {block?}`

`cairo.pattern_create_for_surface(surface:surface) {block?}`

`cairo.pattern_create_linear(x0:number, y0:number, x1:number, y1:number) {block?}`

`cairo.pattern_create_radial(cx0:number, cy0:number, radius0:number, cx1:number, cy1:number, radius1:number) {block?}`

```
cairo.pattern_create_rgb(red:number, green:number, blue:number) {block?}
```

```
cairo.pattern_create_rgba(red:number, green:number, blue:number, alpha:number)
    {block?}
```

2.4.2. インスタンスメソッド

```
cairo.pattern#add_color_stop_rgb(offset:number, red:number, green:number, blue:number):reduce
```

```
cairo.pattern#add_color_stop_rgba(offset:number, red:number, green:number, blue:number,
    alpha:number):reduce
```

```
cairo.pattern#get_color_stop_count()
```

```
cairo.pattern#get_color_stop_rgba(index:number)
```

```
cairo.pattern#get_extend()
```

```
cairo.pattern#get_filter()
```

```
cairo.pattern#get_linear_points()
```

```
cairo.pattern#get_matrix()
```

```
cairo.pattern#get_radial_circles():reduce
```

```
cairo.pattern#get_rgba()
```

```
cairo.pattern#get_surface()
```

```
cairo.pattern#set_extend(extend:symbol):reduce
```

```
cairo.pattern#set_filter(filter:symbol):reduce
```

```
cairo.pattern#set_matrix(matrix:matrix):reduce
```

2.5. cairo.region クラス

2.5.1. インスタンスメソッド

```
cairo.region#contains_point(x:number, y:number)
```

```
cairo.region#contains_rectangle(rectangle:rectangle_int)
```

```
cairo.region#equal(region:region)
```

```
cairo.region#intersect(other:region)
```

```
cairo.region#intersect_rectangle(rectangle:rectangle_int)
```

```
cairo.region#is_empty()
```

```
cairo.region#subtract(other:region)
```

```
cairo.region#subtract_rectangle(rectangle:rectangle_int)
```

```
cairo.region#translate(dx:number, dy:number)
```

```
cairo.region#union(other:region)
```

```
cairo.region#union_rectangle(rectangle:rectangle_int)
```

```
cairo.region#xor(other:region)
```

```
cairo.region#xor_rectangle(rectangle:rectangle_int)
```

2.6. cairo.context クラス

2.6.1. インスタンスの生成

```
cairo.emf_create(filename:string, width_in_points:number, height_in_points:number)
    {block?}
```

```
cairo.image_create(width:number, height:number, color?:color) {block?}
```

```
cairo.pdf_create(stream:stream, width_in_points:number, height_in_points:number)
    {block?}
```

```
cairo.ps_create(stream:stream, width_in_points:number, height_in_points:number)
    {block?}
```

```
cairo.svg_create(stream:stream, width_in_points:number, height_in_points:number)
    {block?}
```

2.6.2. インスタンスメソッド

```
cairo.context#arc(xc:number, yc:number, radius:number, angle1?:number, angle2?:number):map:reduce
```

```
cairo.context#arc_negative(xc:number, yc:number, radius:number, angle1?:number,
    angle2?:number):map:reduce
```

```
cairo.context#clip():reduce
```

```
cairo.context#clip_extents()
```

```
cairo.context#clip_preserve():reduce
```

```
cairo.context#close_path():reduce
```

```
cairo.context#copy_clip_rectangle_list()
```

```
cairo.context#copy_page():reduce
```

```
cairo.context#copy_path()
```

```
cairo.context#copy_path_flat()
```

```
cairo.context#curve_to(x1:number,    y1:number,    x2:number,    y2:number,    x3:number,
    y3:number):map:reduce
```

```
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```

```
cairo.context#device_to_user_distance(dx:number, dy:number)
```

```
cairo.context#fill():reduce
```

```
cairo.context#fill_extents():reduce
```

```
cairo.context#fill_preserve():reduce
```

```
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```

```
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```

```
cairo.context#get_current_point()
```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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cairo.context#get_target()

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cairo.context#new_sub_path():reduce

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cairo.context#paint_with_alpha(alpha:number):reduce

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    height:number):map:reduce

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    dy3:number):map:reduce
```

```
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cairo.context#restore():reduce

cairo.context#rotate(angle:number):reduce

cairo.context#save():reduce {block?}

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    weight:symbol):reduce

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```

```
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```

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