# Elsie: Slides in Python in Programmable Way

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https://github.com/spirali/elsie

*Elsie* is a slide framework based on *Python*

## *Hello World* example:

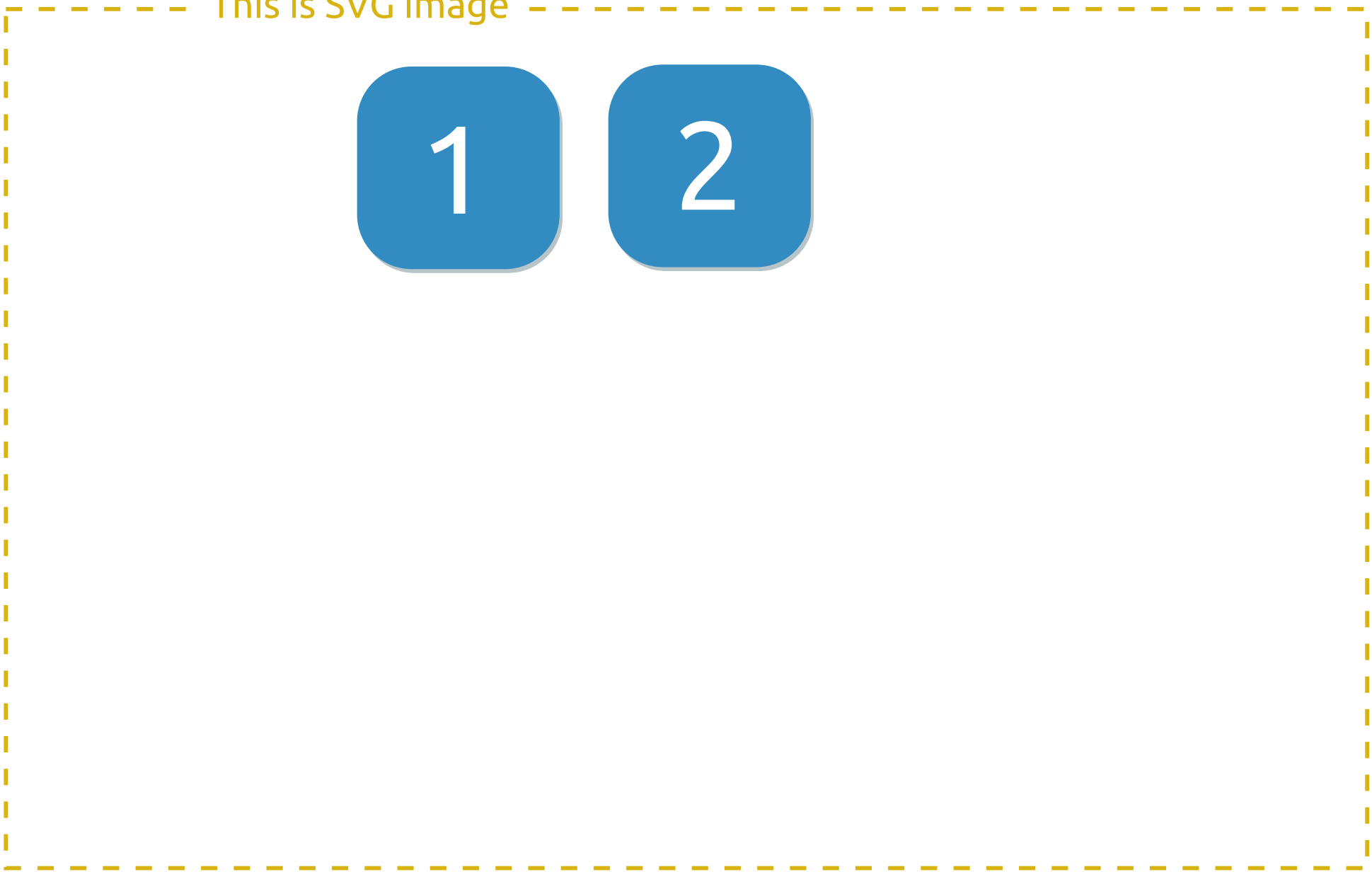
```
from elsie import Slides

slides = Slides()
slide = slides.new_slide()
slide.text("Hello world!")

slides.render("output.pdf")
```

Elsie supports ...

Elsie supports ...
... fragments ...

Elsie supports ...
... fragments ...
... revealing.

This is SVG image
1


This is SVG image
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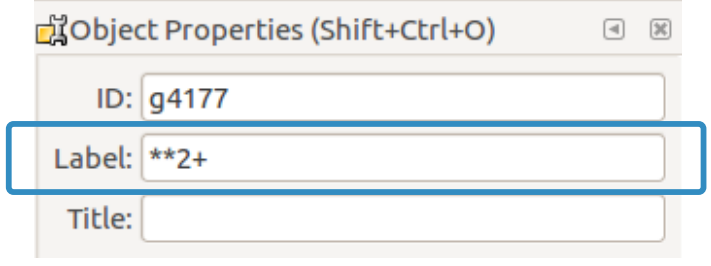
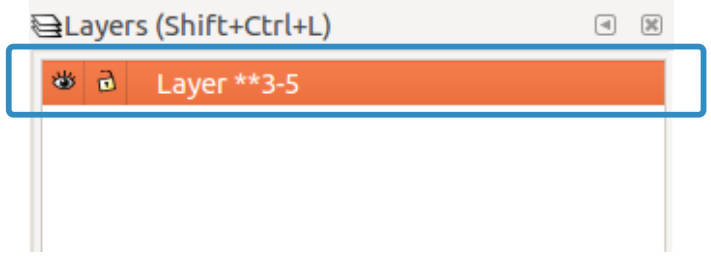
1 2 3

Fragments in SVG by naming elements and layers




Show object from second slide

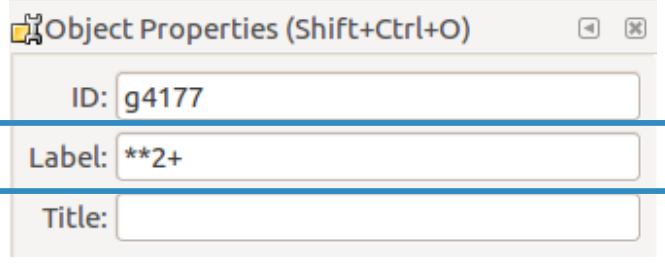



Show layer from 3rd to 5th slide

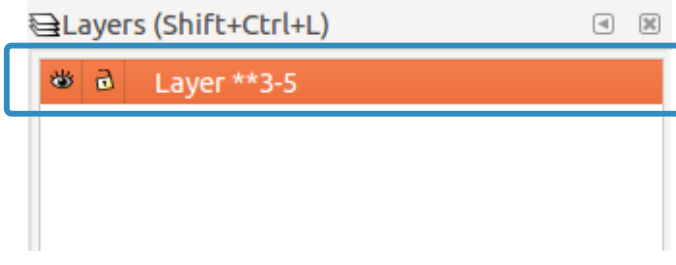
This is SVG image

1 2 3

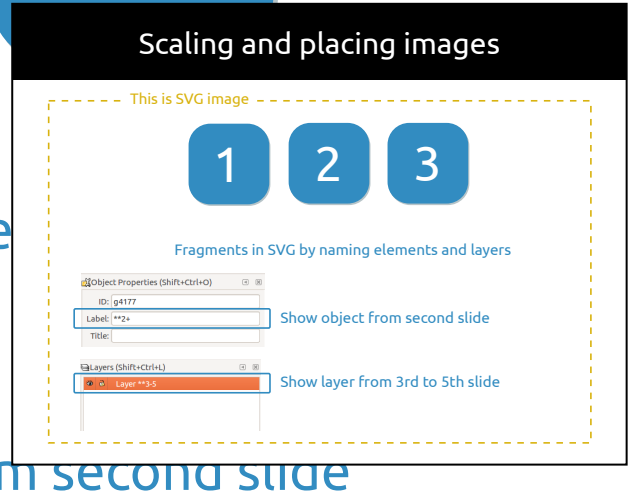
Fragments in SVG by naming ele




Show object from second slide




Show layer from 3rd to 5th slide



Content

# Syntax Highlighting

```c
#include <stdio.h>

/* Hello world program */

int main() {
    printf("Hello world!\n");
    return 0;
}
```

## Line Highlighting

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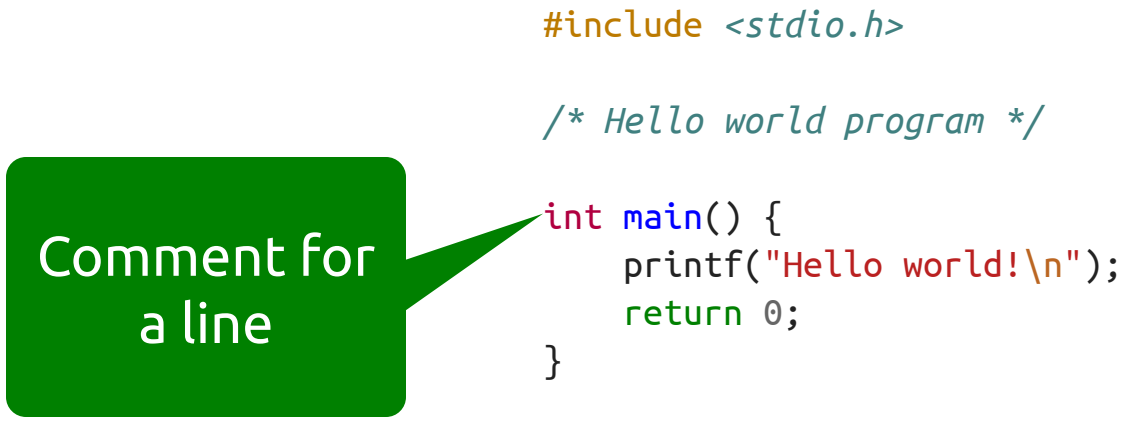


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# Line Highlighting

# Console demo

```
~/path/to/elsie/example$ ls
example.py

~/path/to/elsie/example$ python3 example.py
Preprocessing.................. done
Building....................... done
Creating 'example.pdf'........ done
```

# TEX demo

$$\begin{bmatrix} 1 & \sqrt{x} & 0 \\ 0 & 1 & -1 \end{bmatrix} \begin{bmatrix} 1 \\ \frac{\alpha}{x} \\ 1 \end{bmatrix} = \begin{bmatrix} 1 + \frac{\alpha}{\sqrt{x}} \\ \frac{\alpha}{x} - 1 \end{bmatrix}$$

# Header 1

## Header 2

### Header 3

Normal text | `Type writer` | *emphasis* | **alert**

red green blue

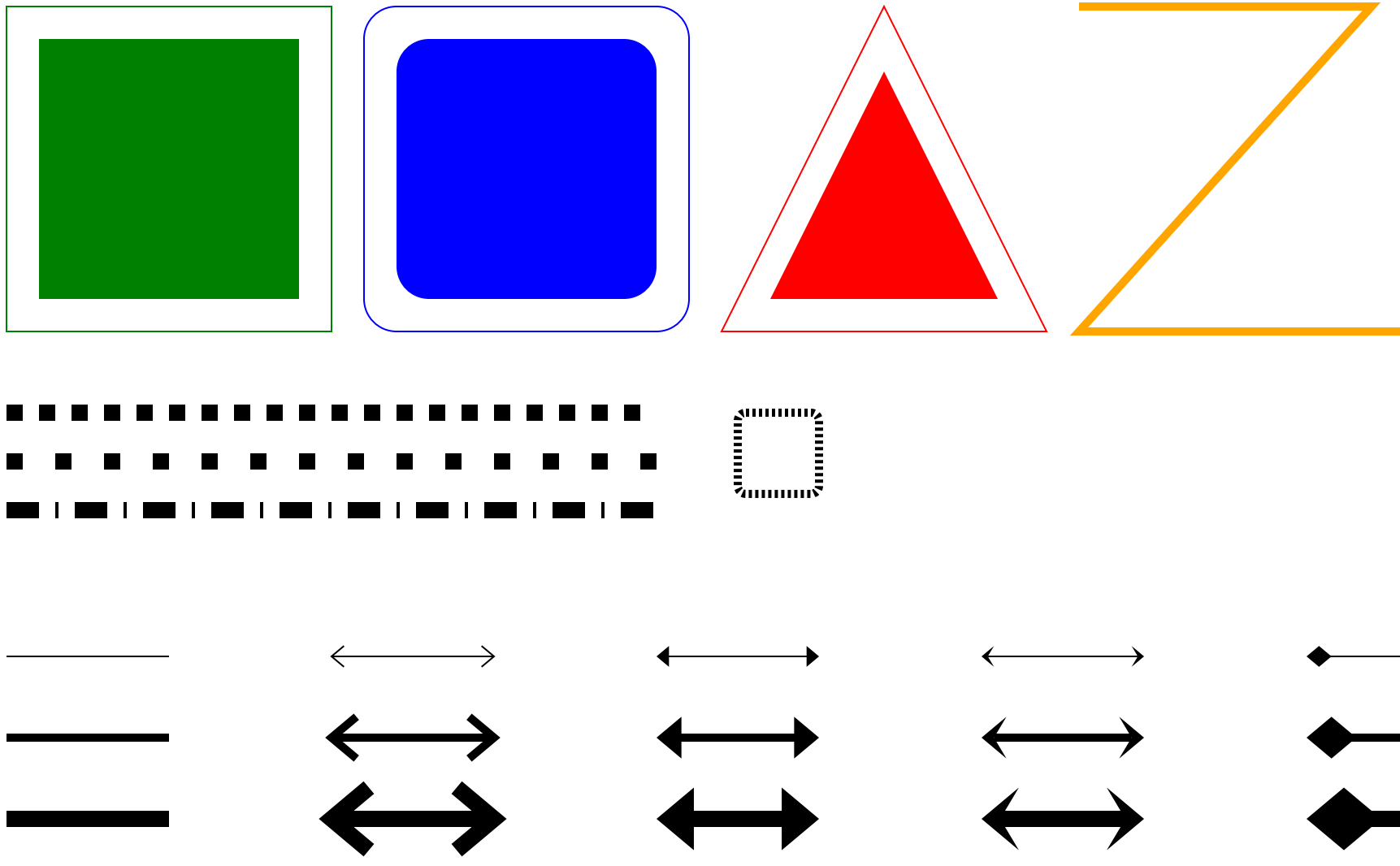
- This is LIST DEMO
- This is
  multi-line
  item
- Last item

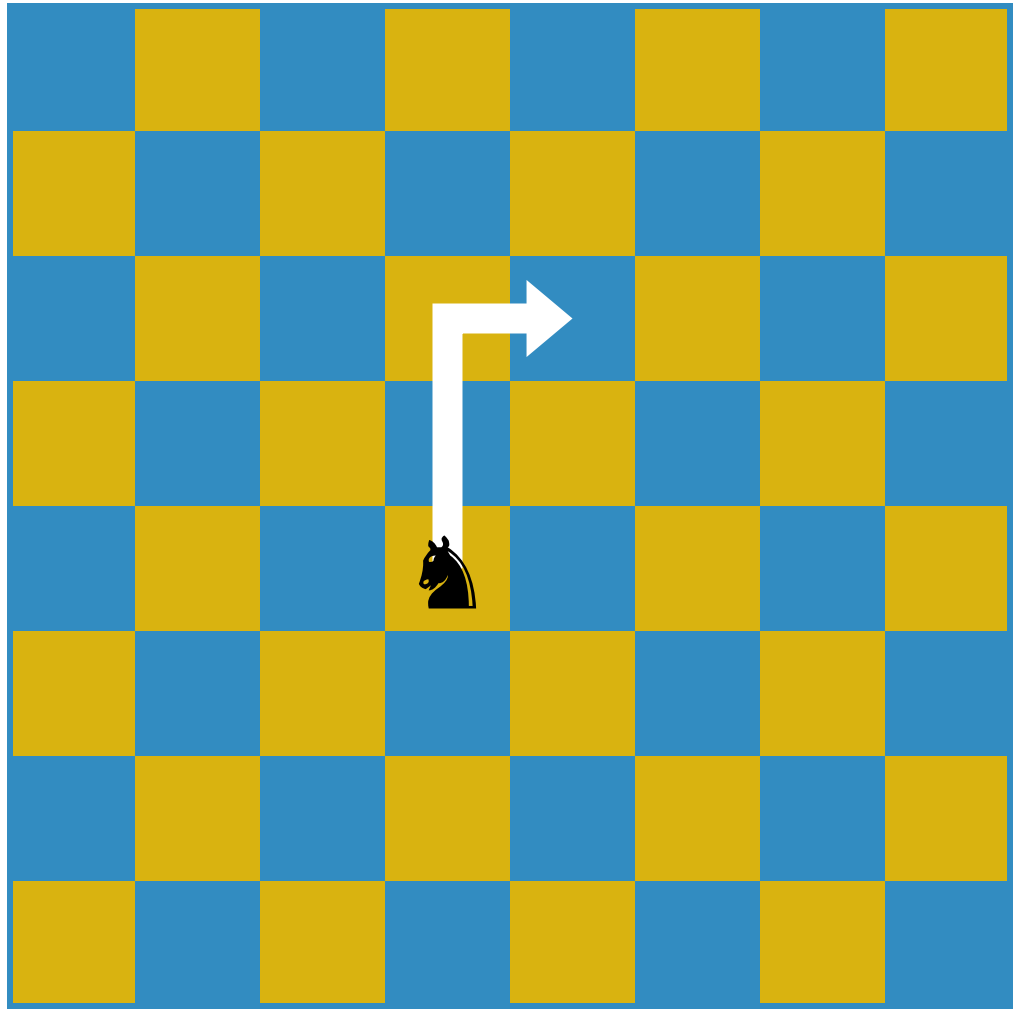
# Columns demo

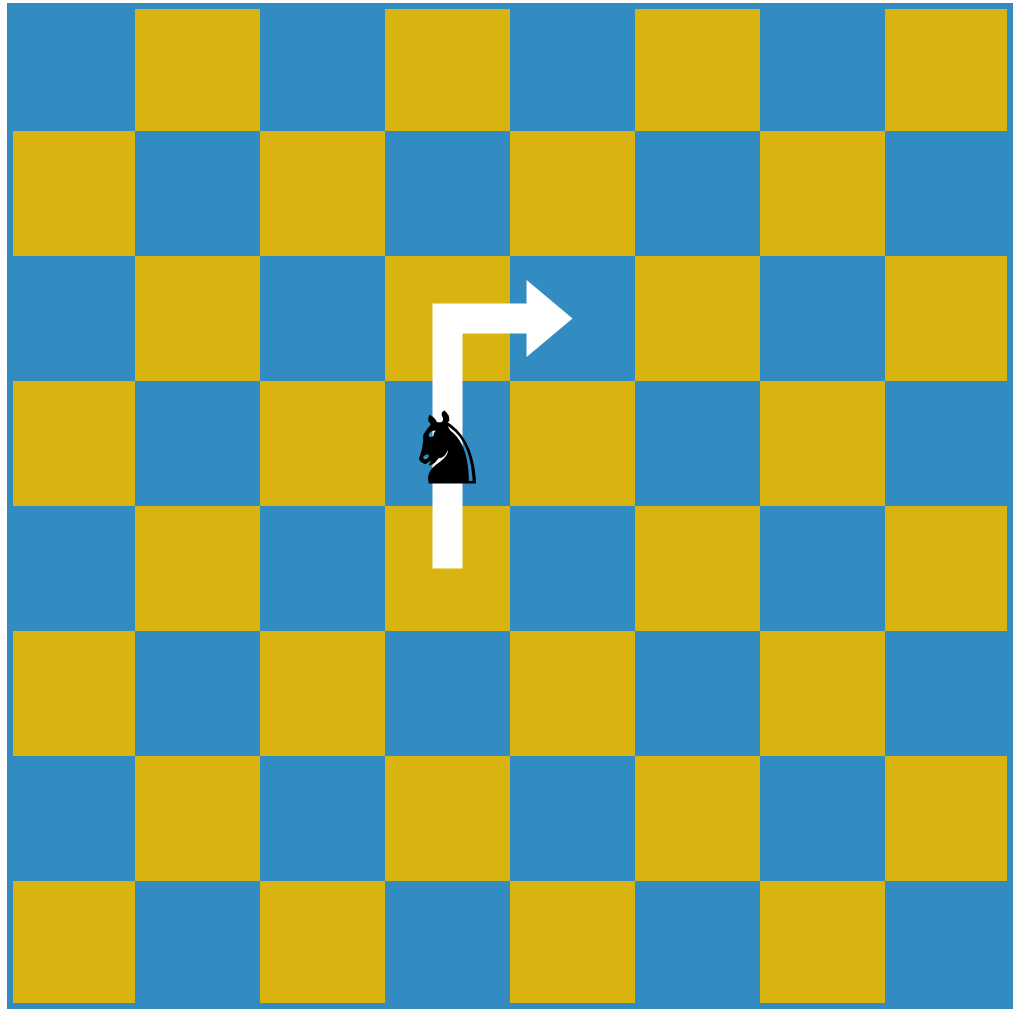
This is some text in the first column

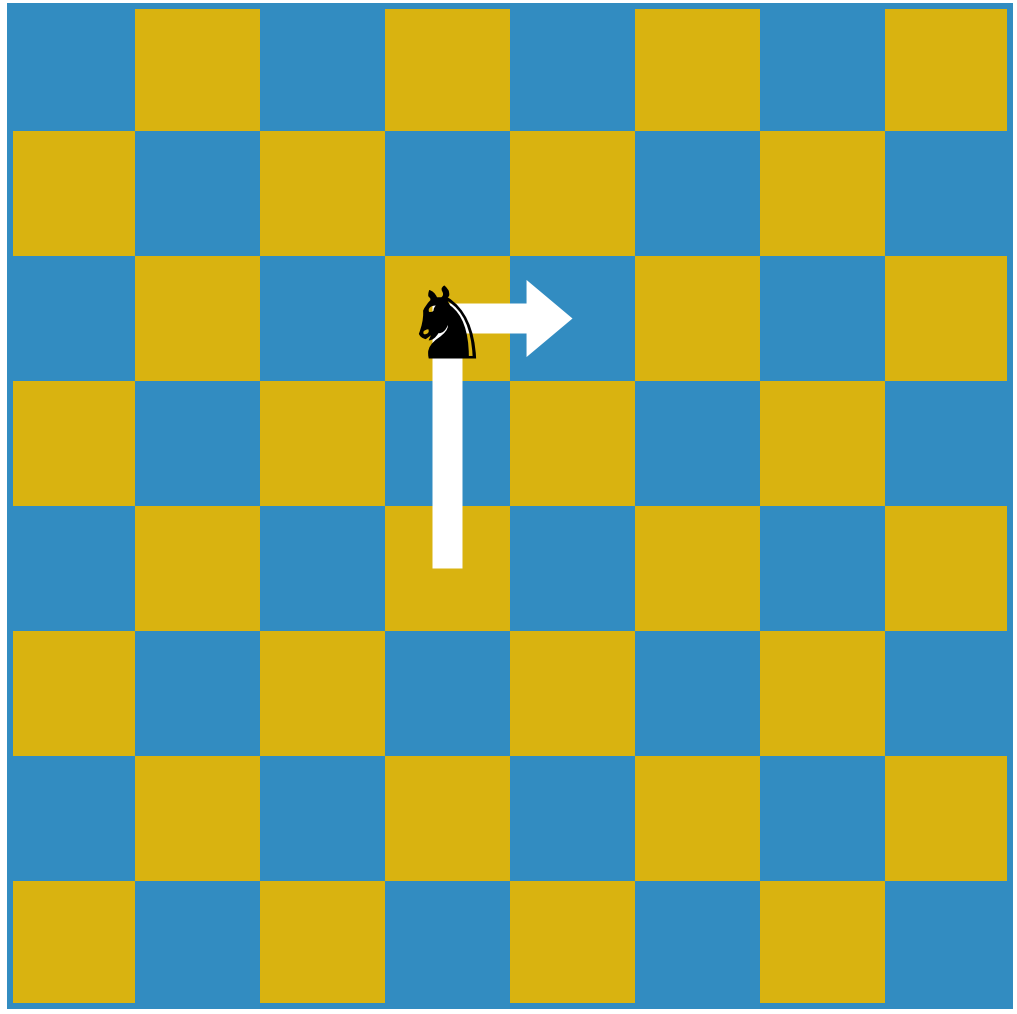
```
print 'Hello world!'
```

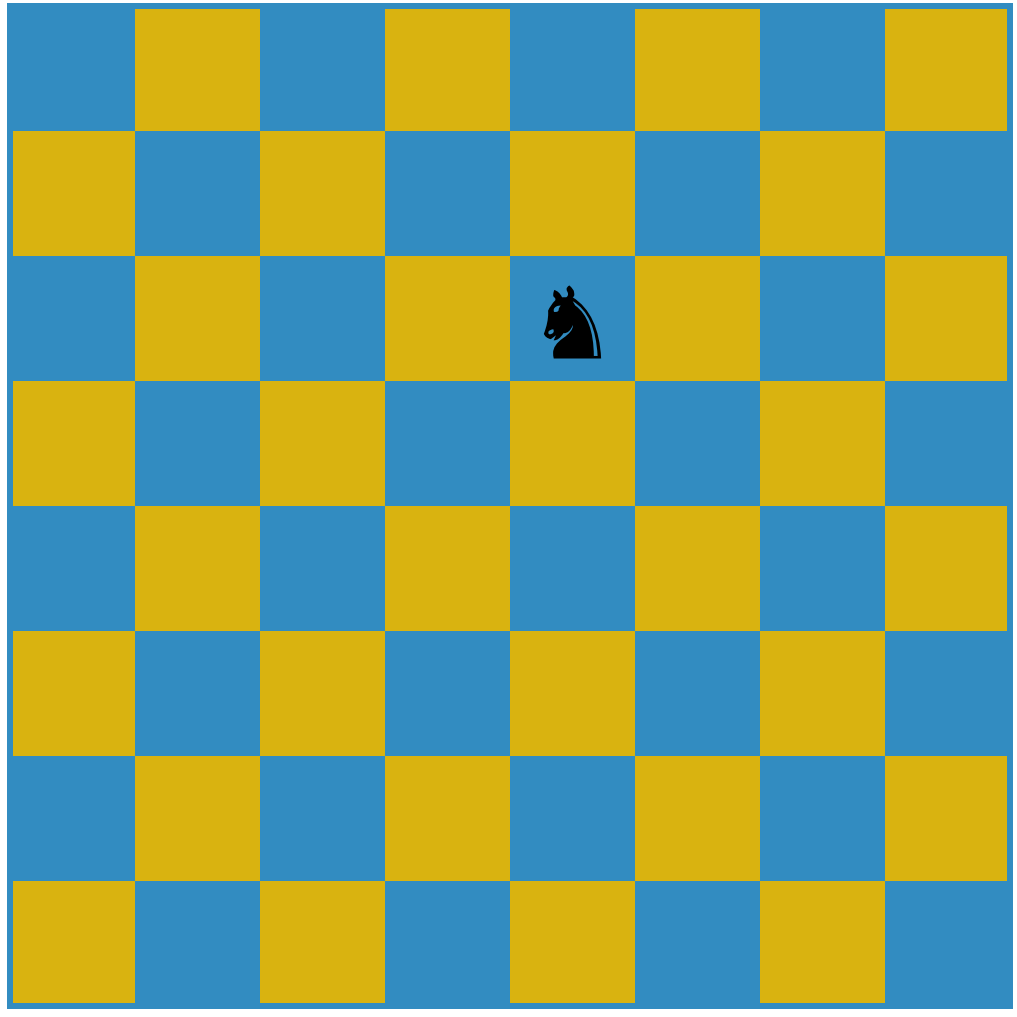
Some text again in the third column



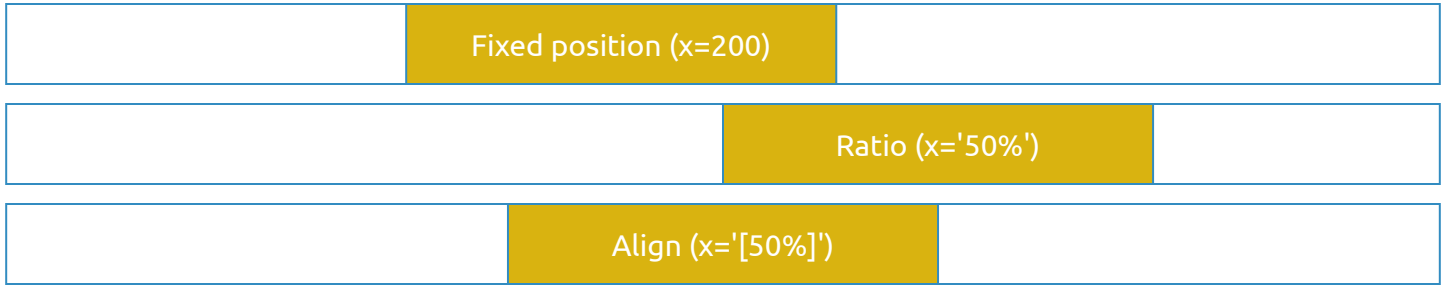




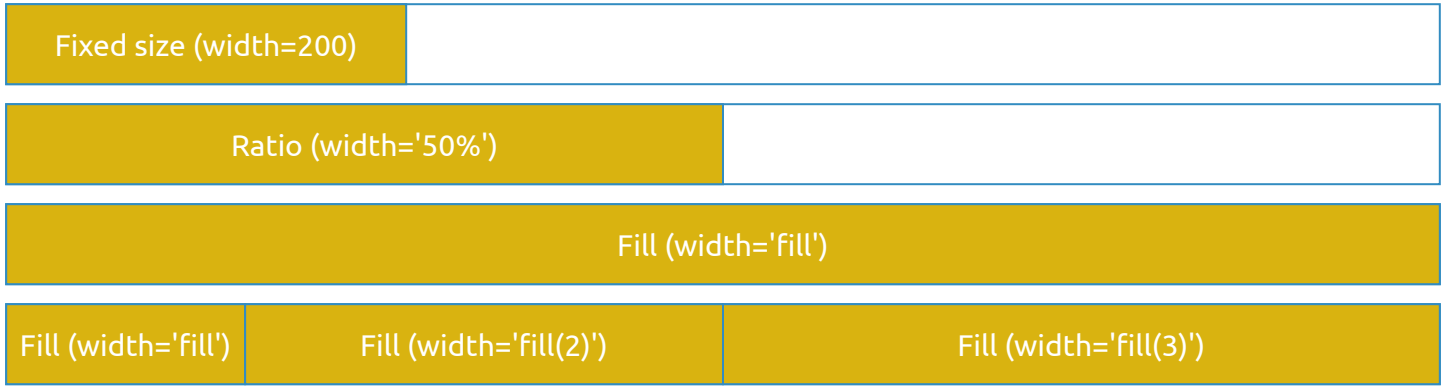




# Position demo




# Size demo



Have a nice day!