Elsie: Slides in Python in Programmable Way

Stanislav Böhm
https://github.com/spirali/elsie

Elsie is a slide framework based on Python

Hello World example:

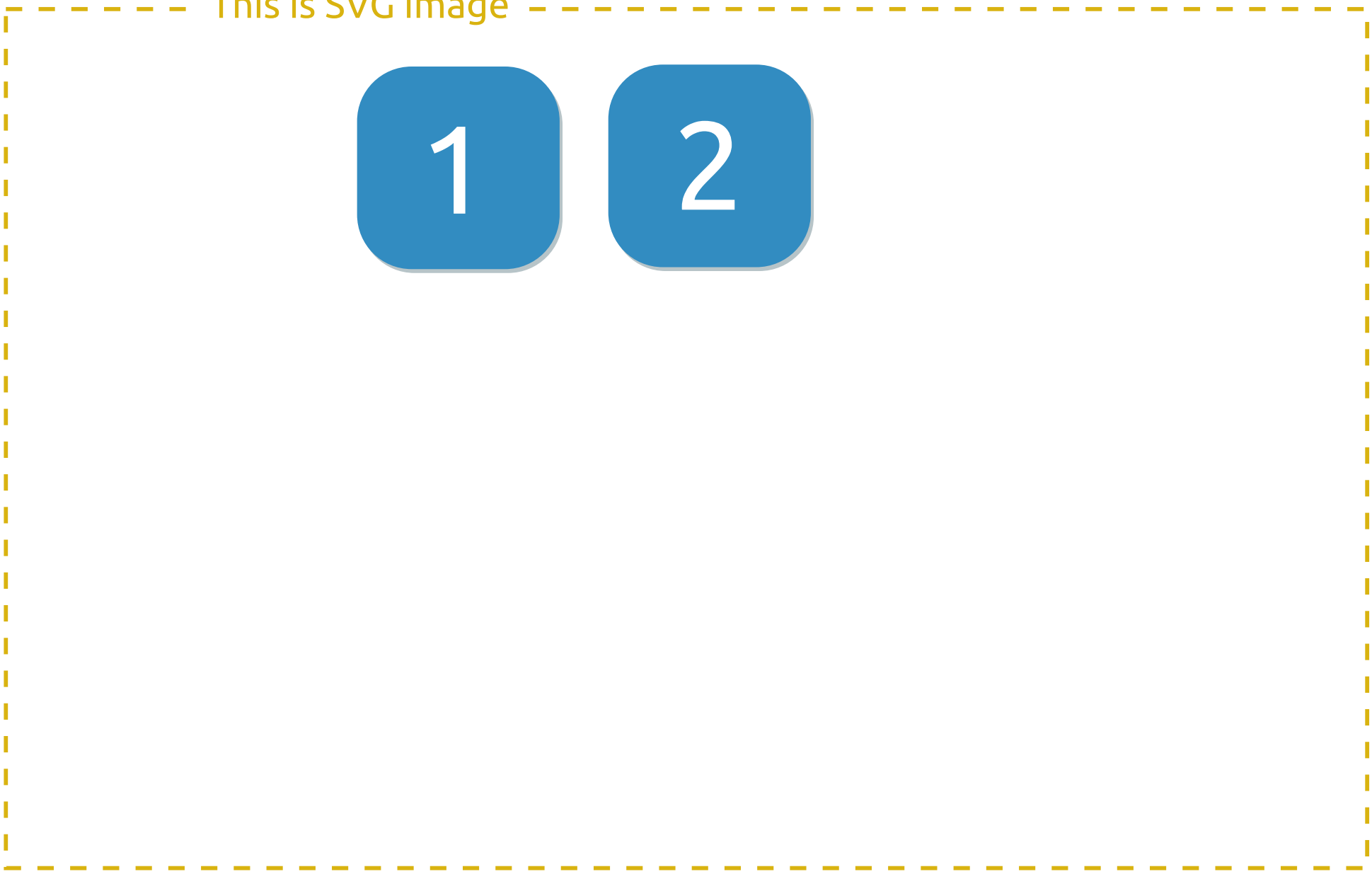
```
import elsie

@elsie.slide()
def hello(slide):
    slide.text("Hello world!")

elsie.render()
```

Elsie supports ...

Elsie supports ...
... fragment ...

Elsie supports ...
... fragment ...
... revealing.

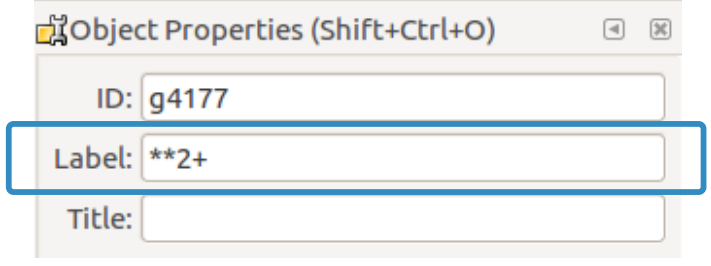
This is SVG image
1


This is SVG image
1
2

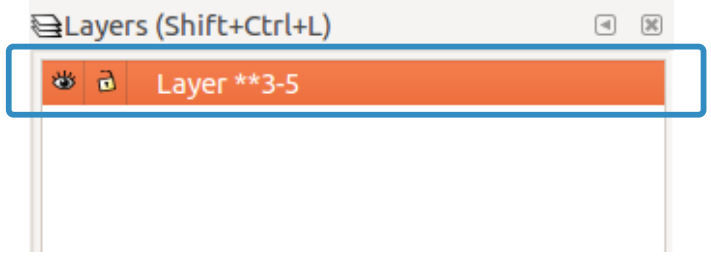
This is SVG image

1 2 3

Fragments in SVG by naming elements and layers



Show object from second slide

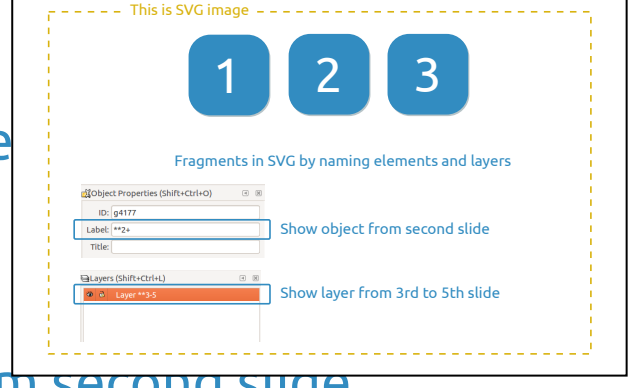


Show layer from 3rd to 5th slide

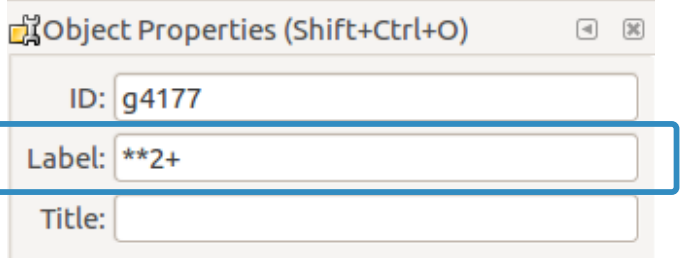
This is SVG image

1 2 3

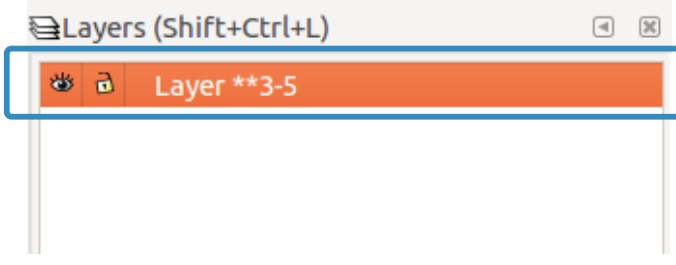
Scaling and placing images



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

```
#include <stdio.h>

/* Hello world program */

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

Line Highlighting

```
#include <stdio.h>

/* Hello world program */

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

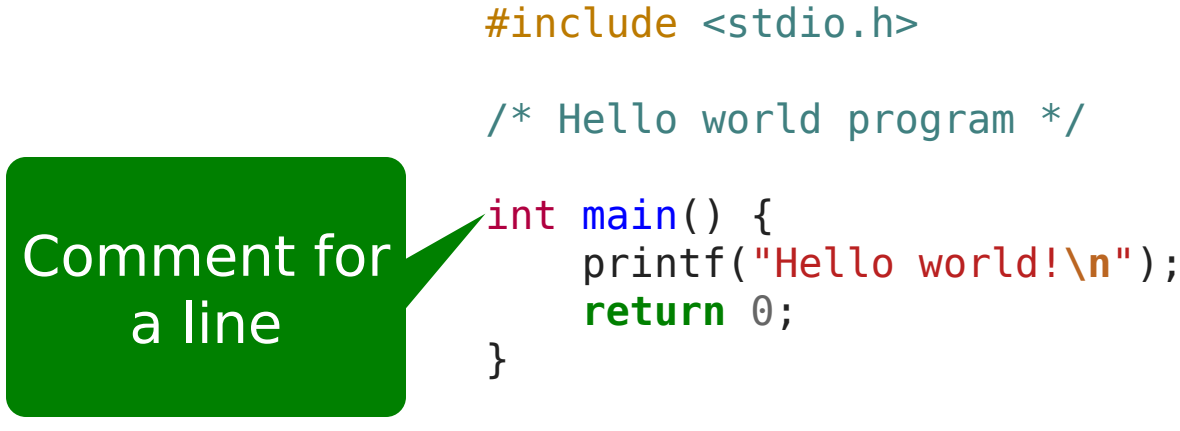
Line Highlighting

```
#include <stdio.h>

/* Hello world program */

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

Line Highlighting

```
#include <stdio.h>

/* Hello world program */

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

Line Highlighting



Line Highlighting

Scaling text into a box

```c
#include <stdio.h>

/* Hello world program */

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

Demo for highlighting a part of a line

Demo for highlighting a part of a line

Demo for highlighting a part of a line

Words inside code block

```
#include <stdio.h>

/* Hello world program */

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

← Inline highlight

← Font style changed

← Pointing to a word

Console demo

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

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

Header 1

Header 2

Header 3

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

red green blue

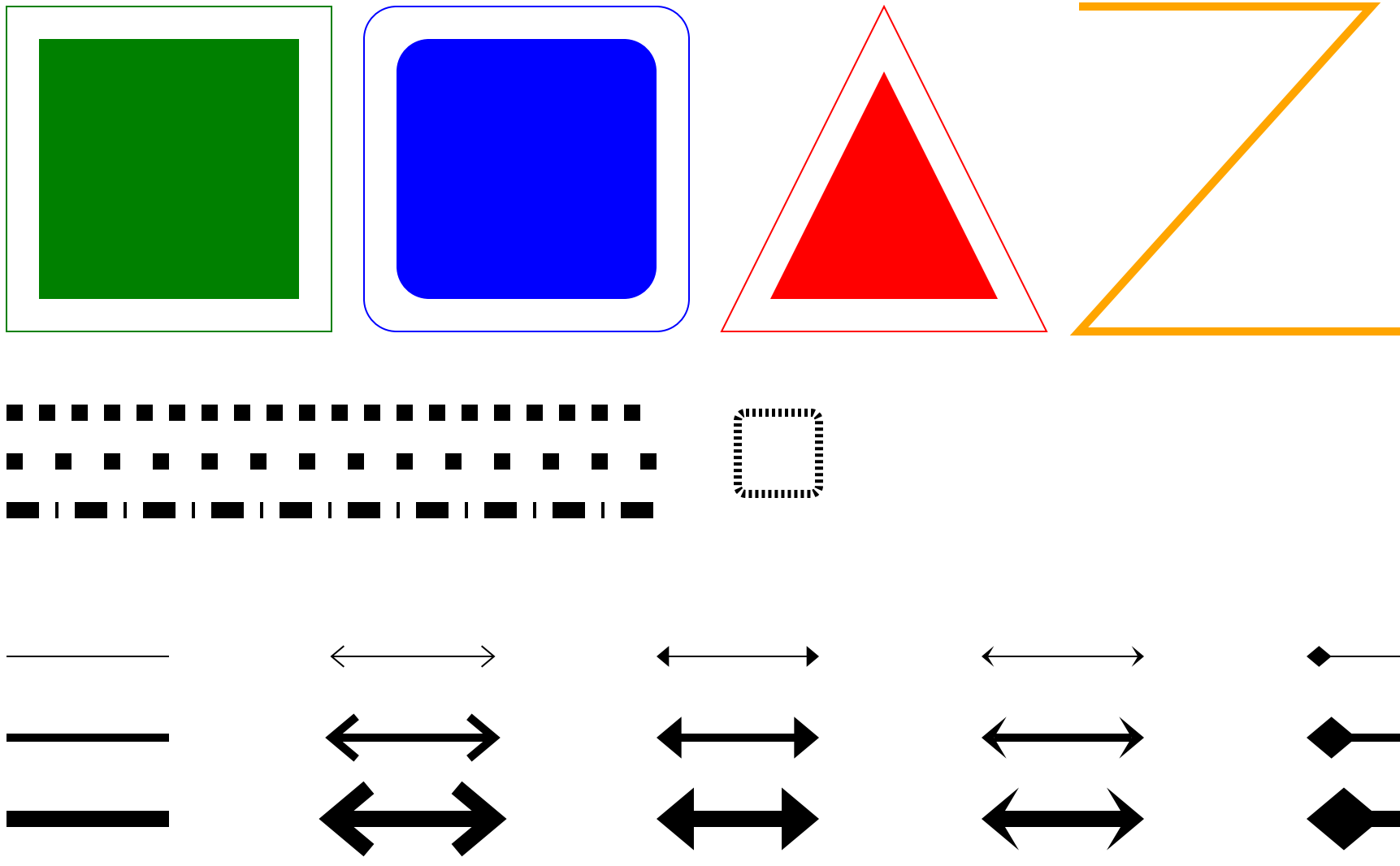
- This is LIST DEMO
- This is
  multi-line
  item
- Last item

Columns demo

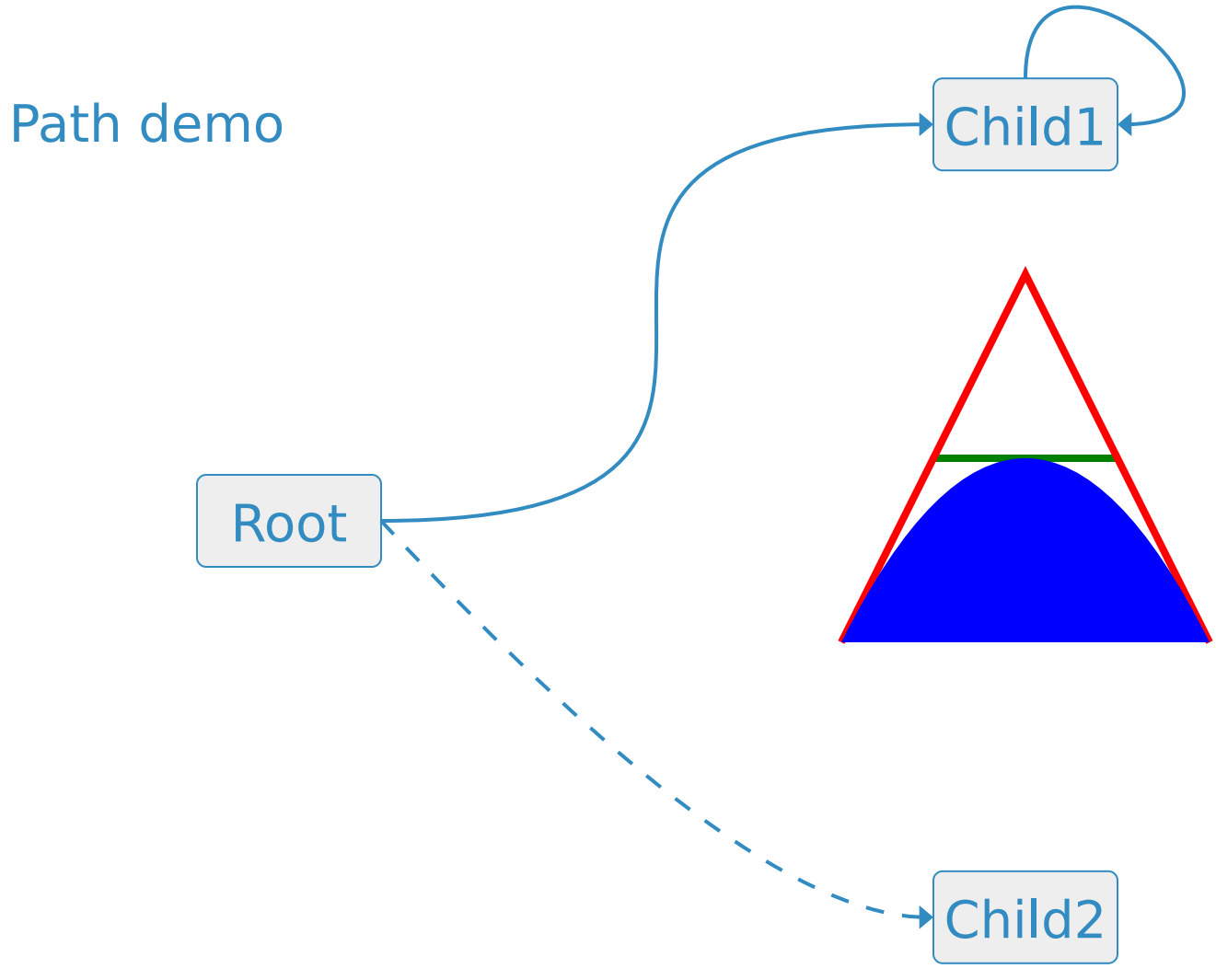
This is some text in the first column

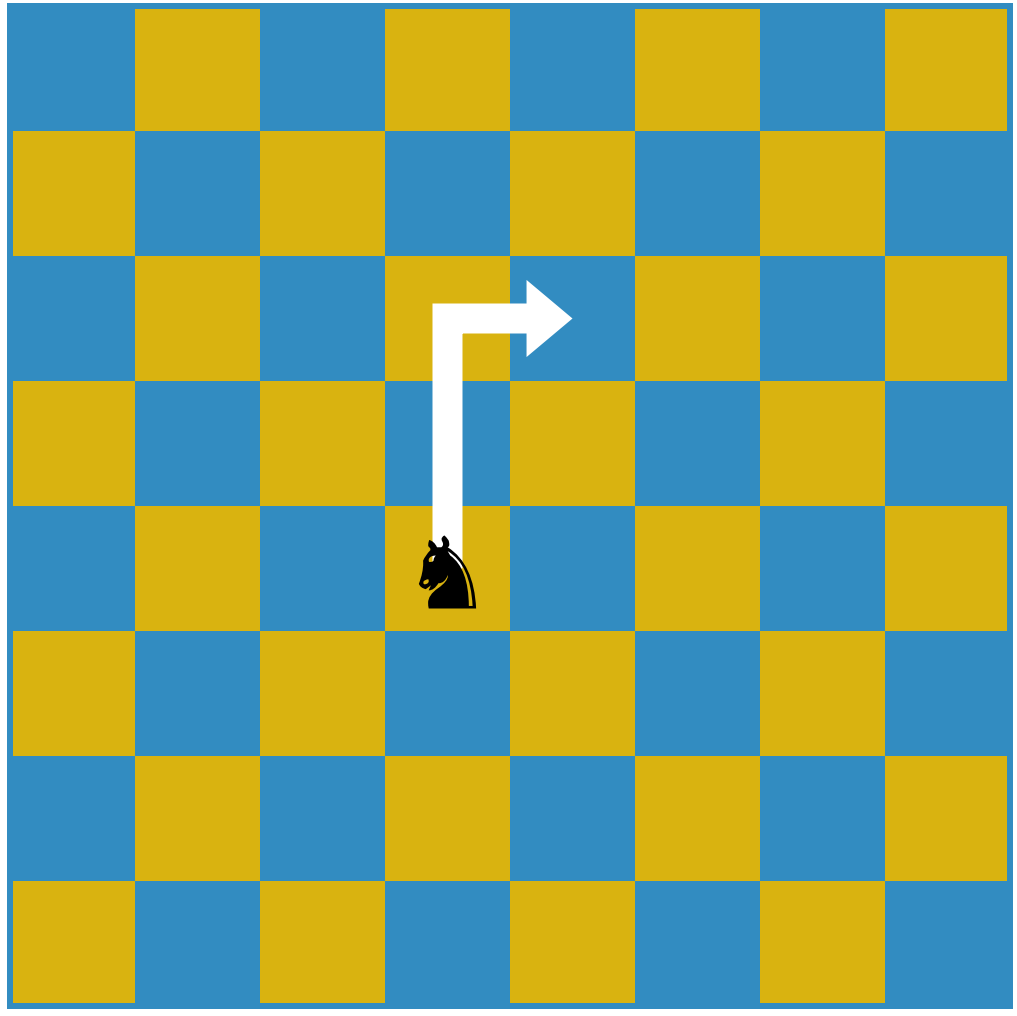
```
print 'Hello world!'
```

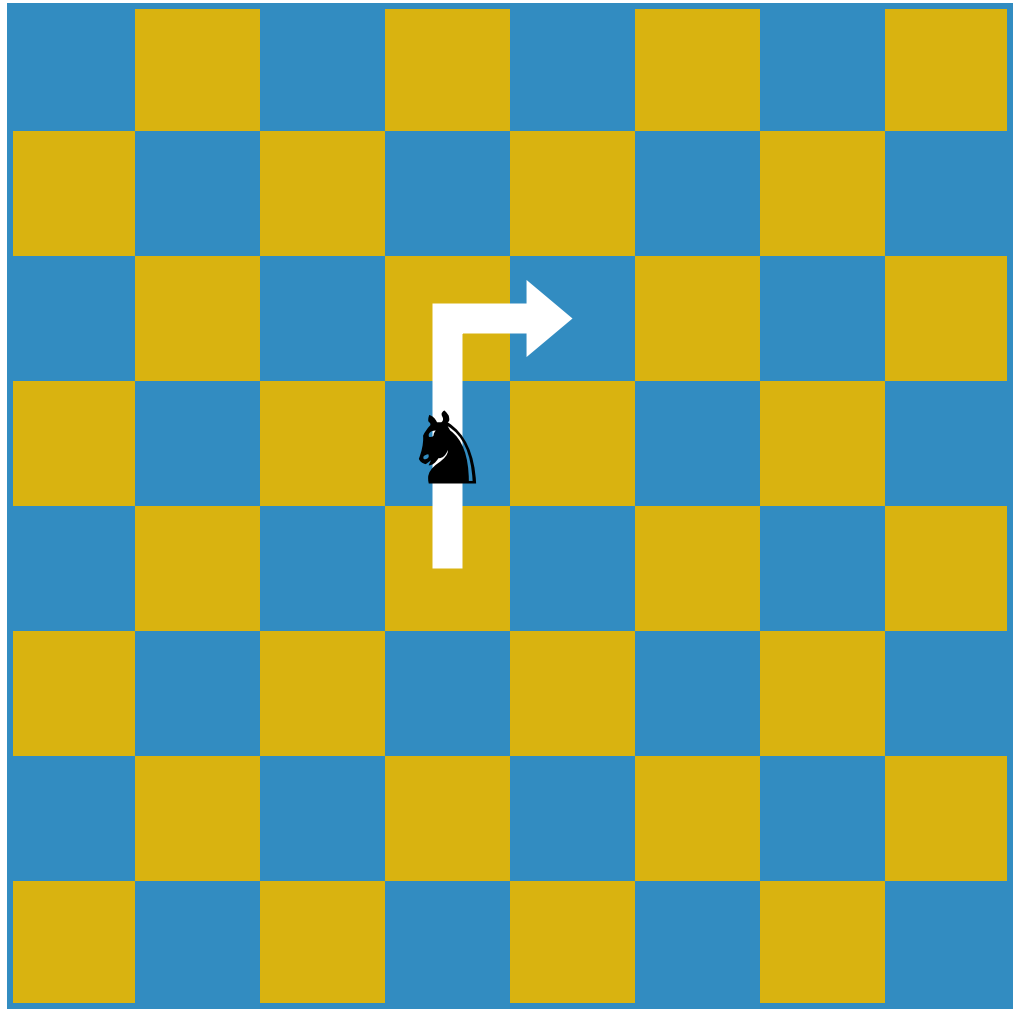
Some text again in the third column

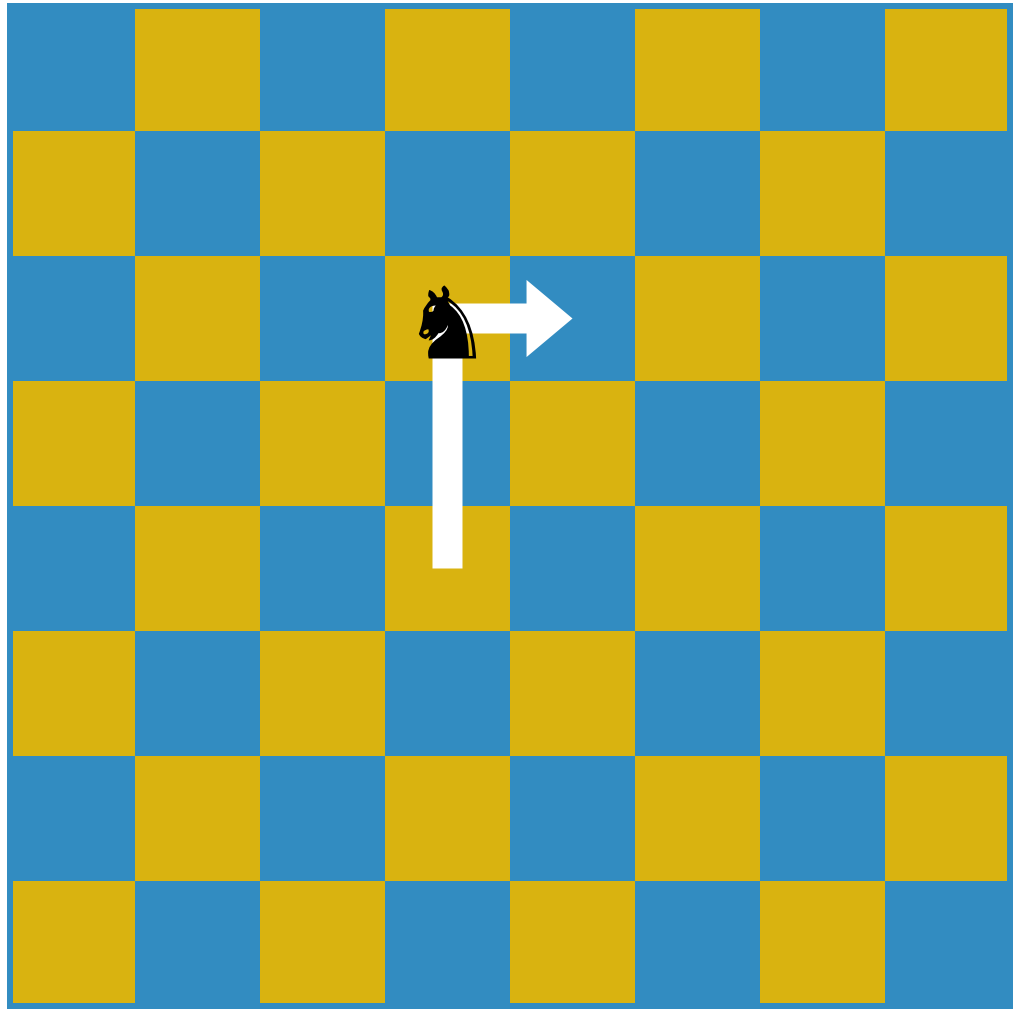


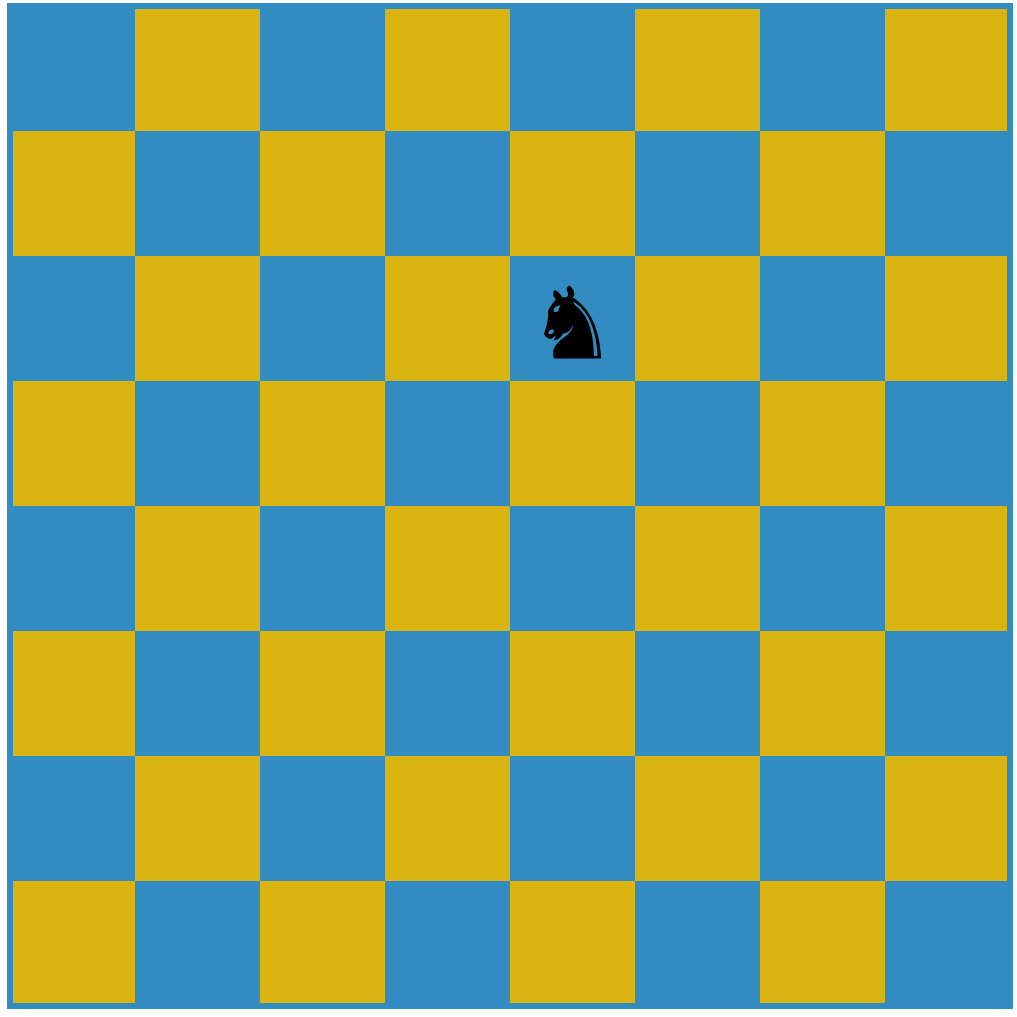
Path demo



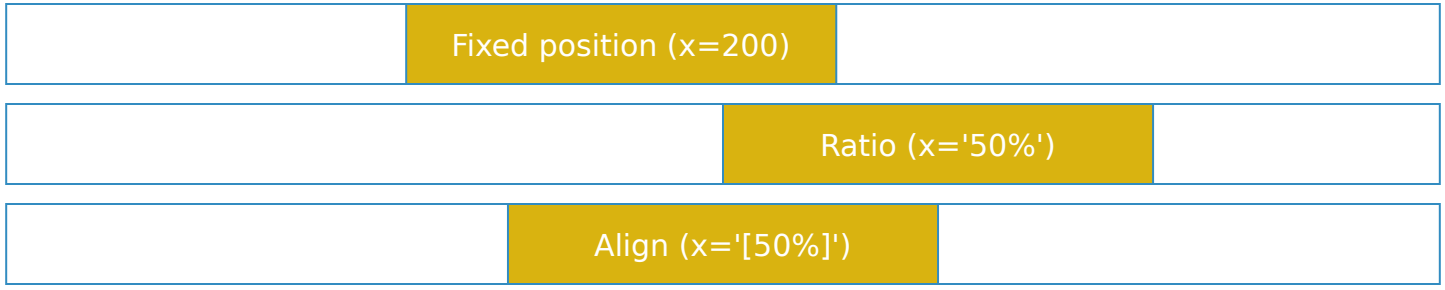




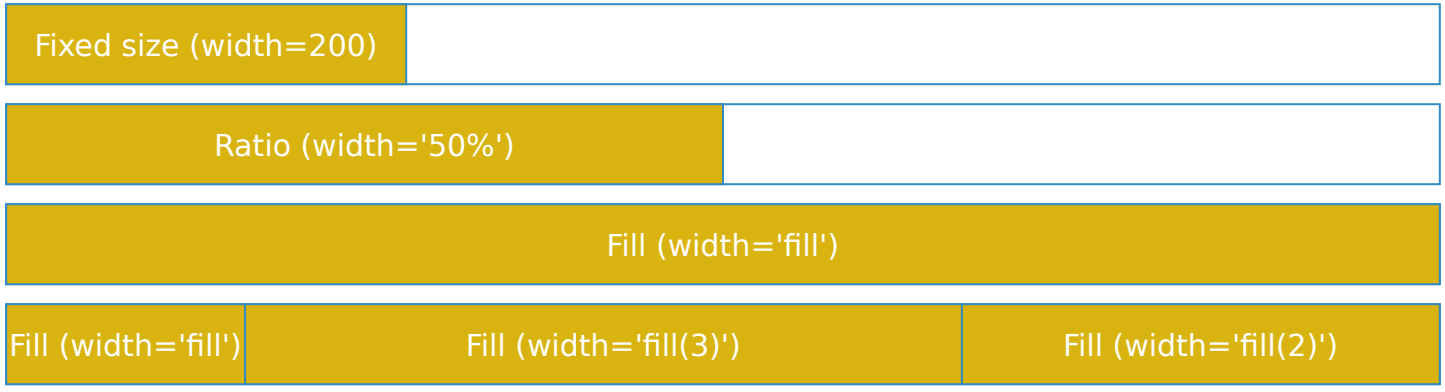


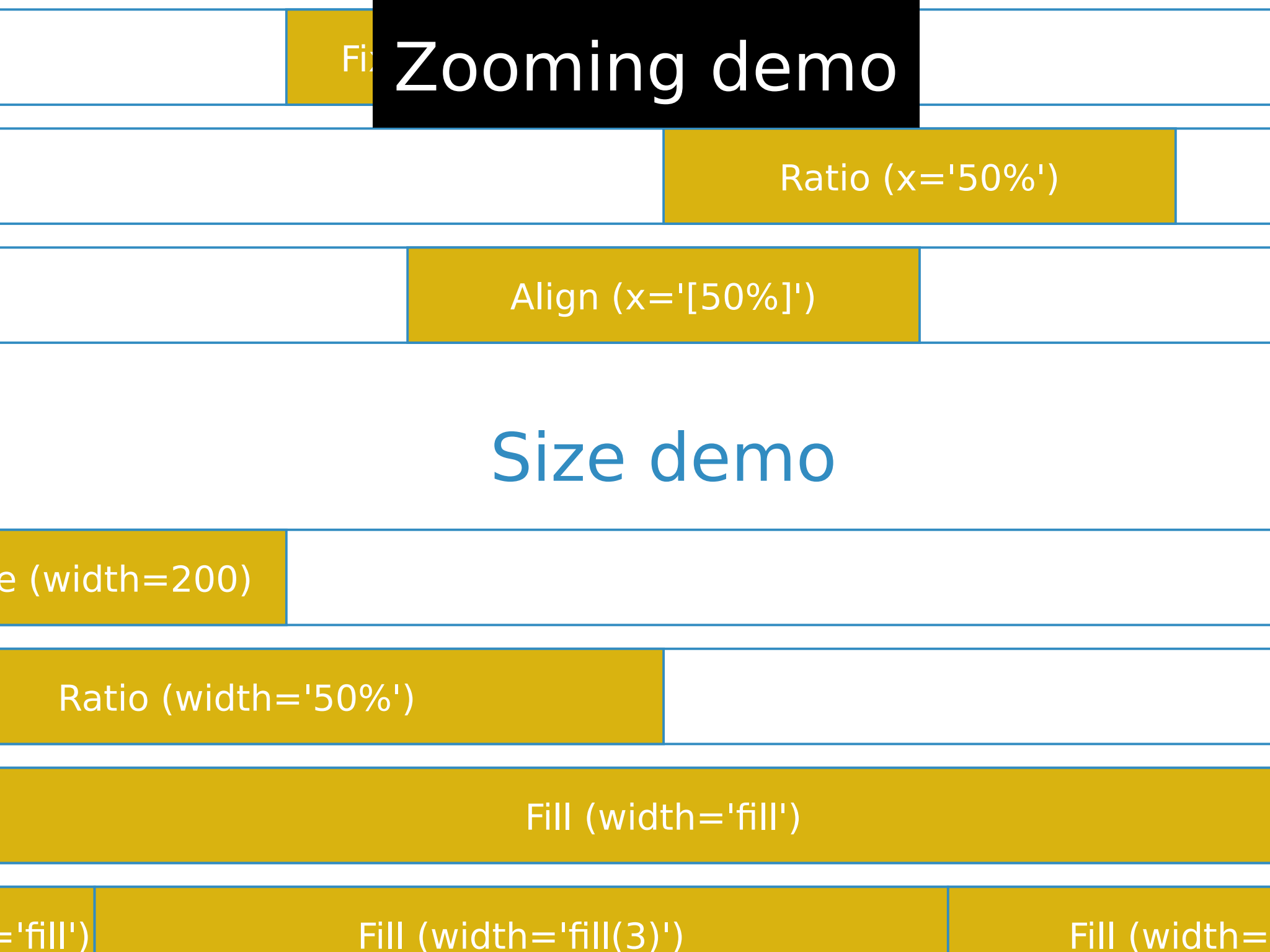


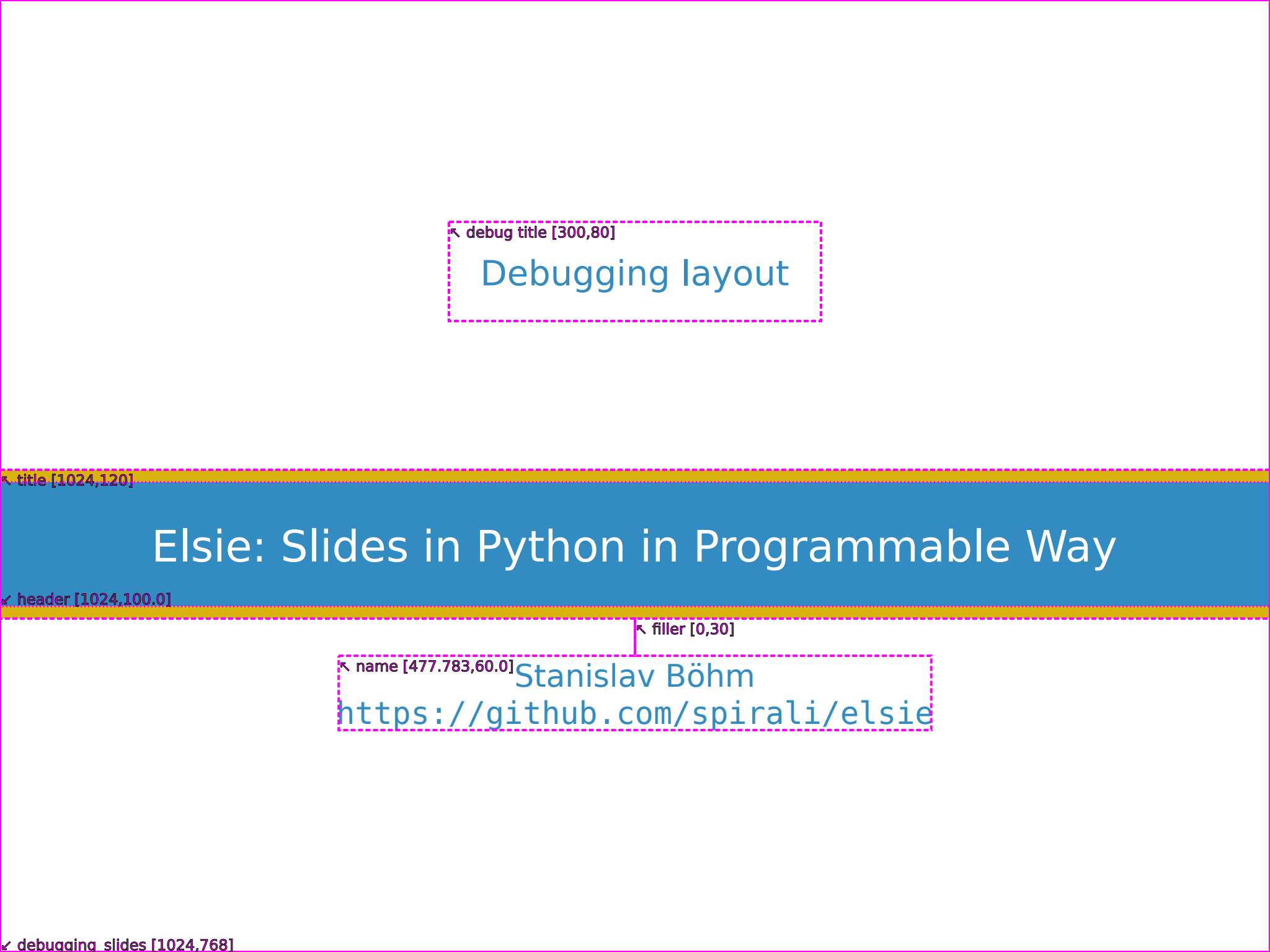
Position demo



Size demo




Zooming demo
Ratio (x='50%')
Align (x='[50%]')
Size demo
e (width=200)
Ratio (width='50%')
Fill (width='fill')
='fill')
Fill (width='fill(3)')
Fill (width=


↖ debug title [300,80]
Debugging layout
↖ title [1024,120]
Elsie: Slides in Python in Programmable Way
↙ header [1024,100.0]
↖ filler [0,30]
↖ name [477.783,60.0]
Stanislav Böhm
https://github.com/spirali/elsie
↙ debugging_slides [1024,768]

Have a nice day!