

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:

```
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



This is SVG image



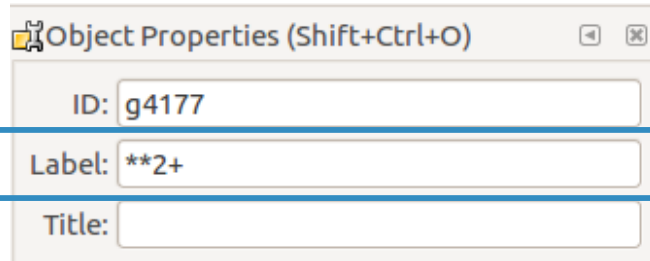
This is SVG image

1

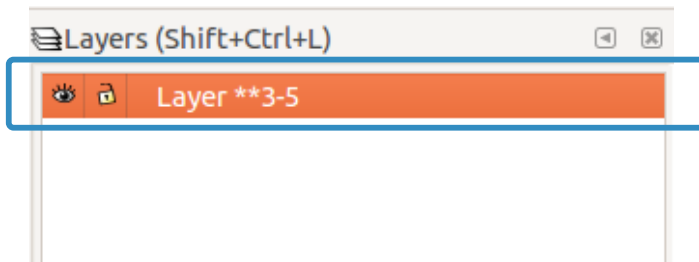
2

3

Fragments in SVG by naming elements and layers



Show object from second slide



Show layer from 3rd to 5th slide

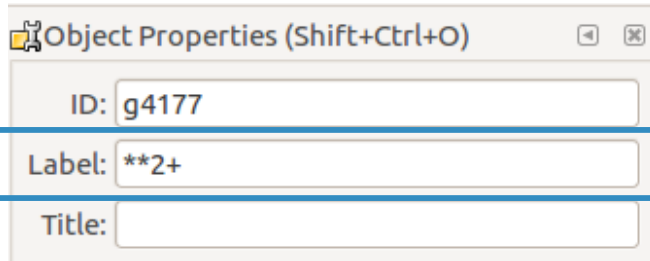
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1

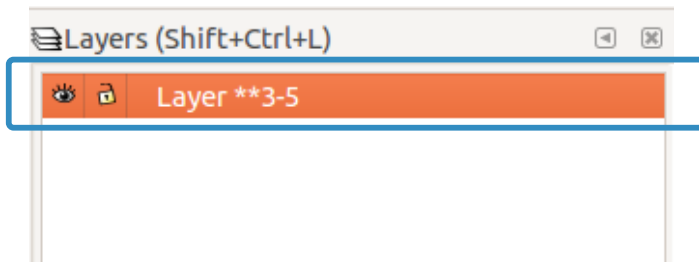
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3

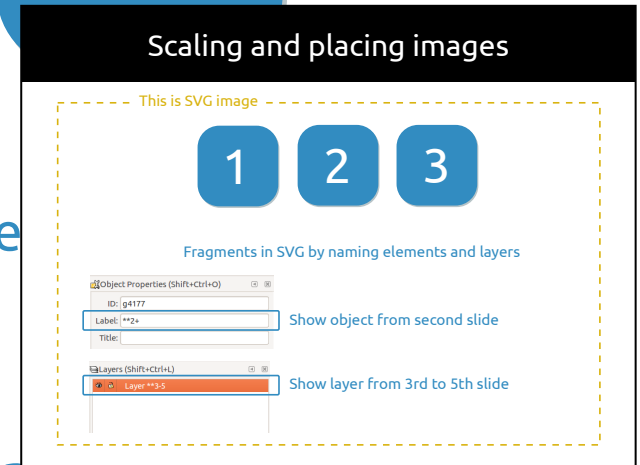
Fragments in SVG by naming ele



Show object from second slide



Show layer from 3rd to 5th slide



Content

Syntax Highlighting

```
#include <stdio.h>

/* Hello world program */

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

Line Highlighting

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#include <stdio.h>

/* Hello world program */

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

Line Highlighting

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#include <stdio.h>
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Line Highlighting

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#include <stdio.h>
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/* Hello world program */
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int main() {  
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Line Highlighting

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#include <stdio.h>
```

```
/* Hello world program */
```

Comment for
a line

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

Line Highlighting

```
#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

A diagram illustrating a text highlighting process. The word "highlighting" is enclosed in a yellow rectangular box. A yellow arrow points upwards from below the box, indicating the target of the highlighting operation.

Words inside code block

```
#include <stdio.h>
```

```
/* Hello world program */
```

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

← Box word 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
```

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

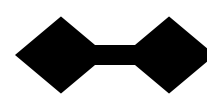
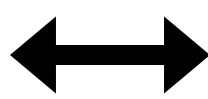
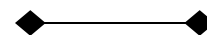
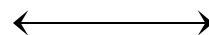
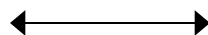
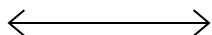
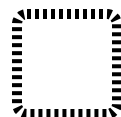
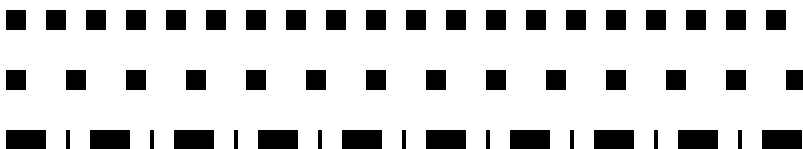
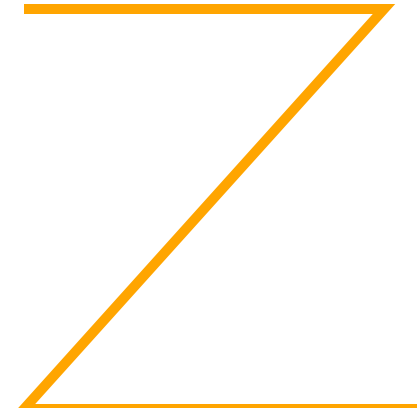
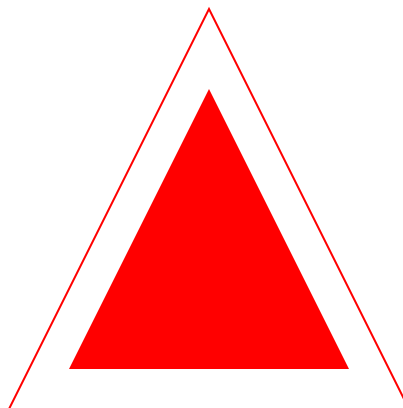
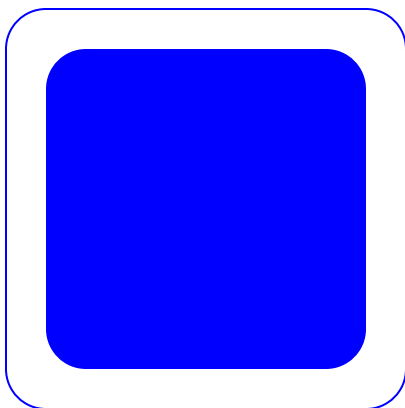
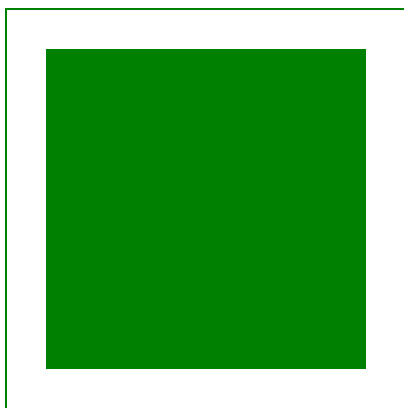
- This is LIST DEMO
- This is
multi-line
item
- Last item

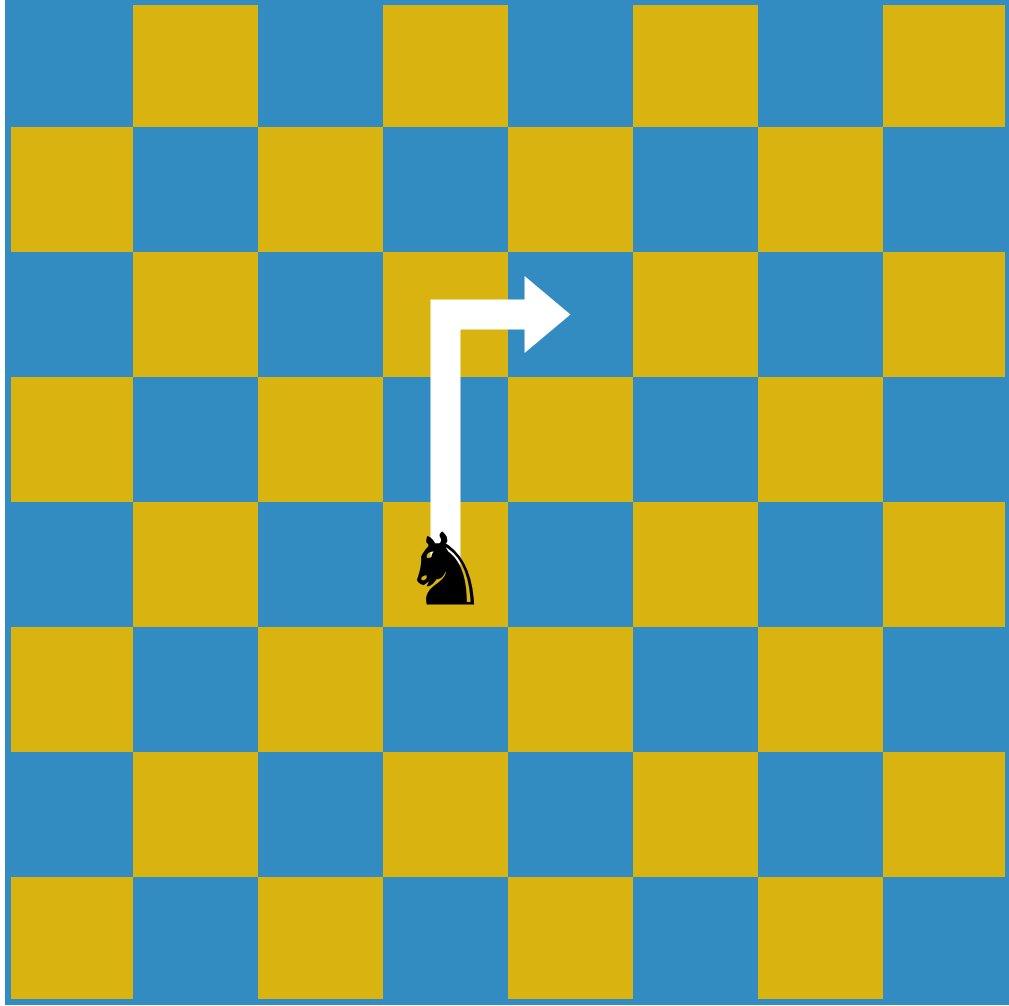
Columns demo

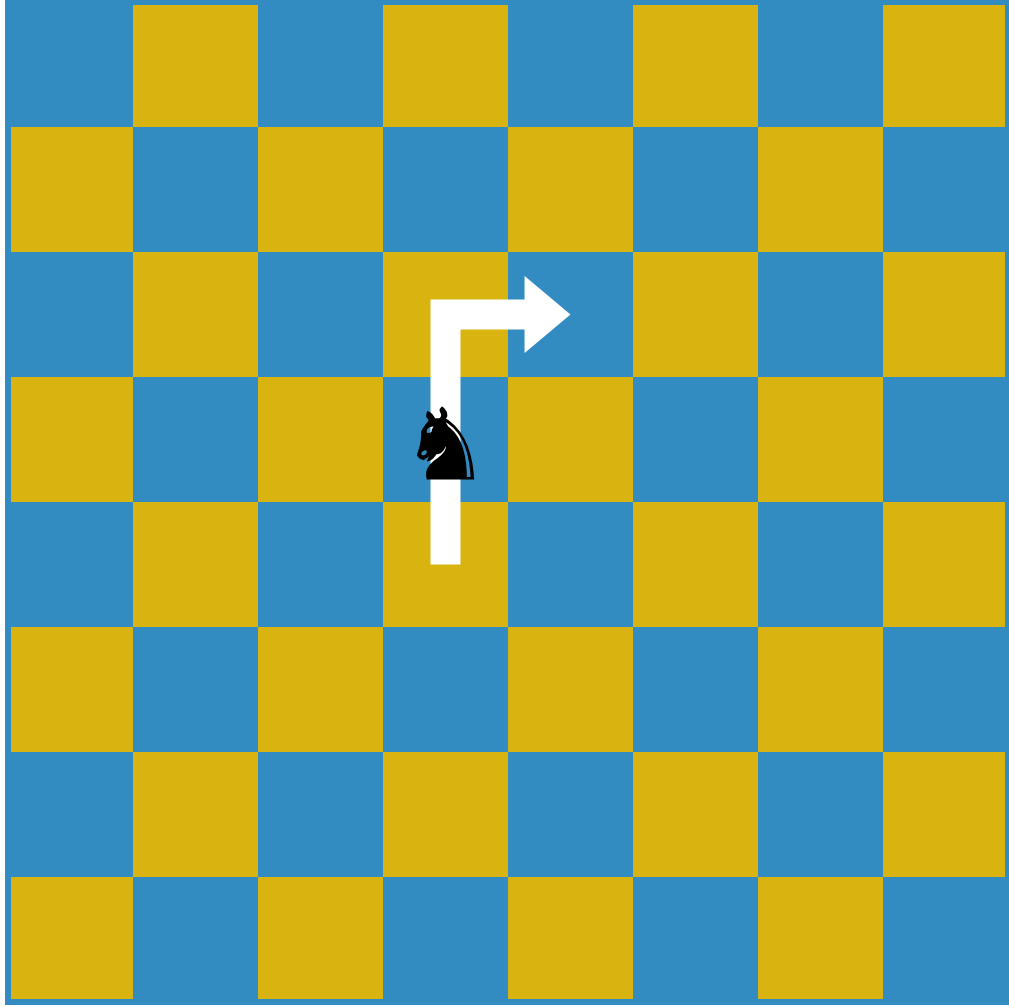
This is some text
in the first
column

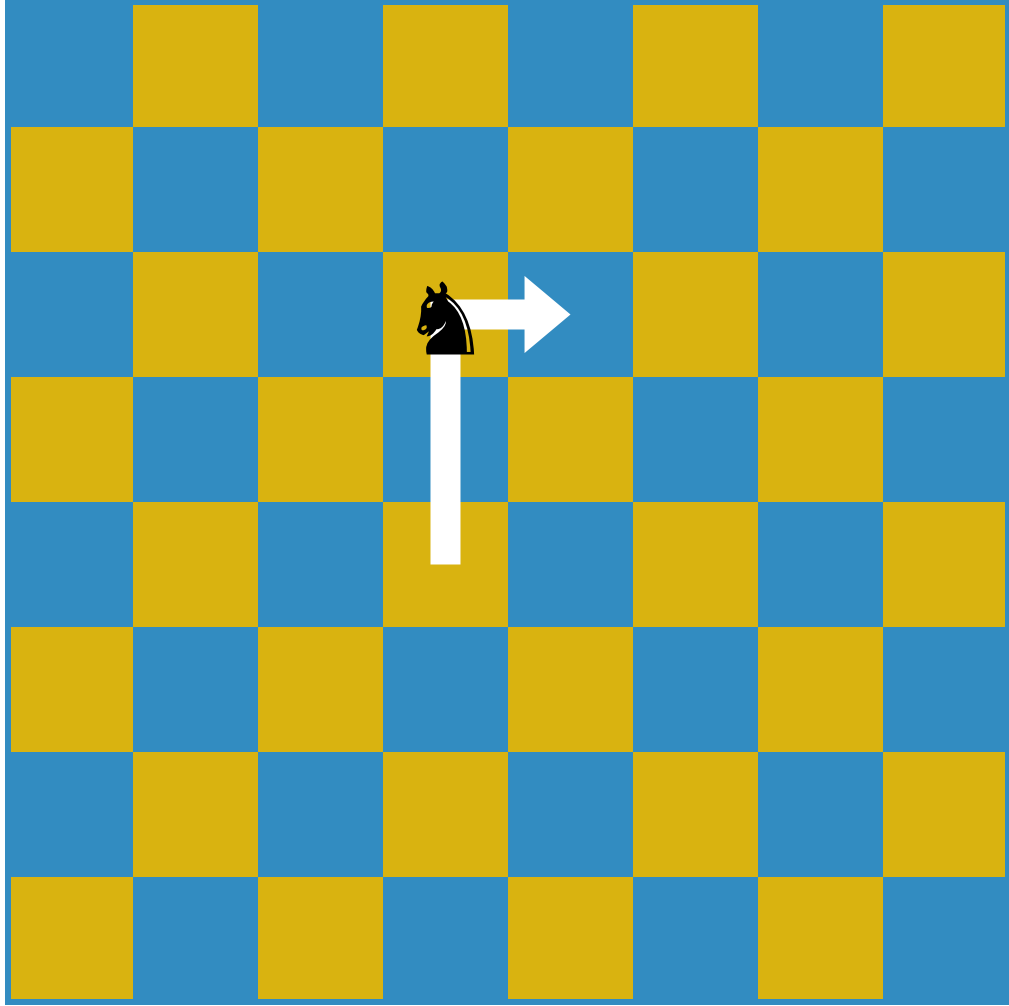
```
print 'Hello world!'
```

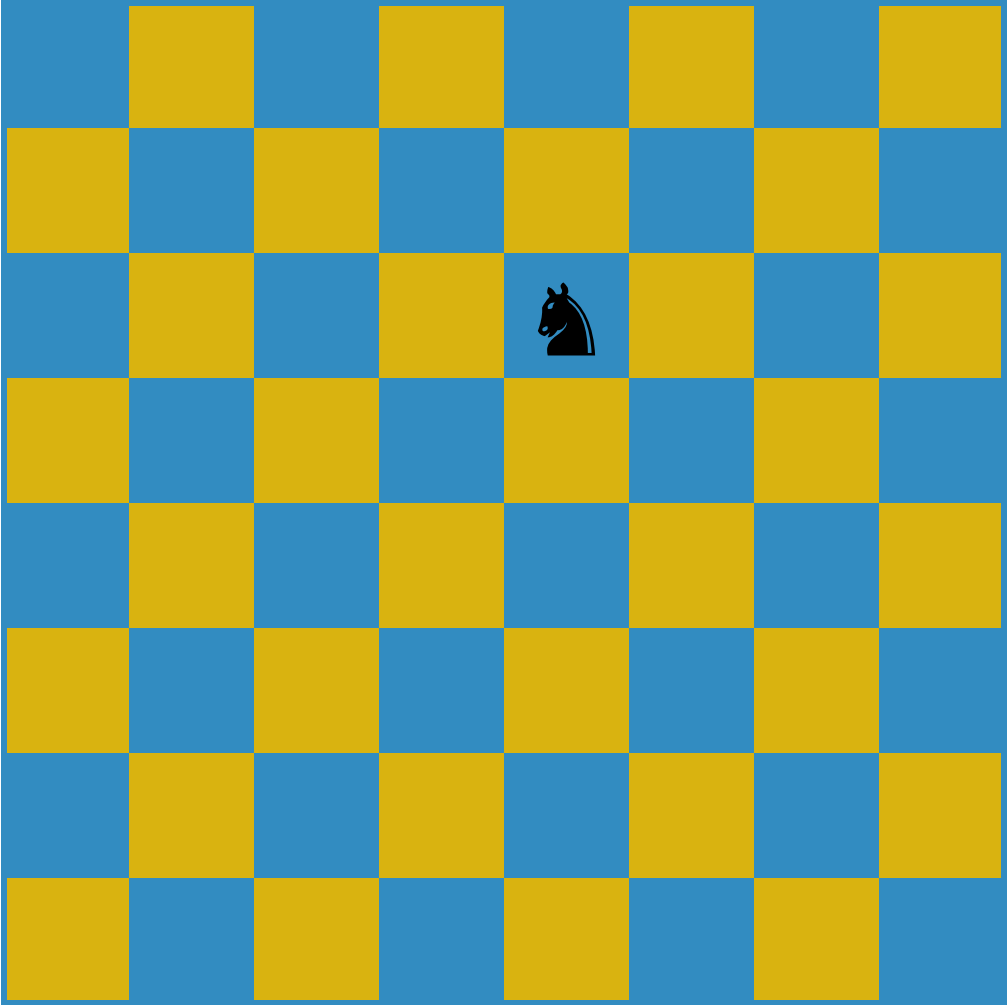
Some text again
in the third
column











Position demo

	Fixed position (x=200)	
	Ratio (x='50%')	
	Align (x='[50%]')	

Size demo

Fixed size (width=200)		
Ratio (width='50%')		
Fill (width='fill')		
Fill (width='fill')	Fill (width='fill(3)')	Fill (width='fill(2)')

Have a nice day!