



# Nelsie

## Framework for Creating Slides

Ada Böhm  
ada@kreatrix.org

# Hello world example

```
from nelsie import SlideDeck

deck = SlideDeck()

@deck.slide()
def hello_world(slide):
    slide.text("Hello world!")

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

Nelsie supports ...

Nelsie supports ...  
... fragment ...

Nelsie supports ...  
... fragment ...  
... revealing.

Simple mechanism for complex slide changes



Simple mechanism for complex slide changes

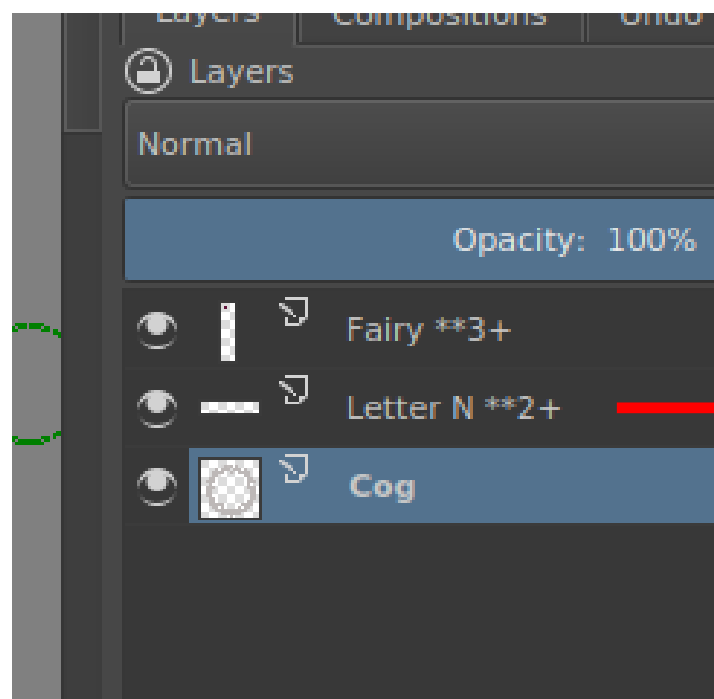


Simple mechanism for complex slide changes



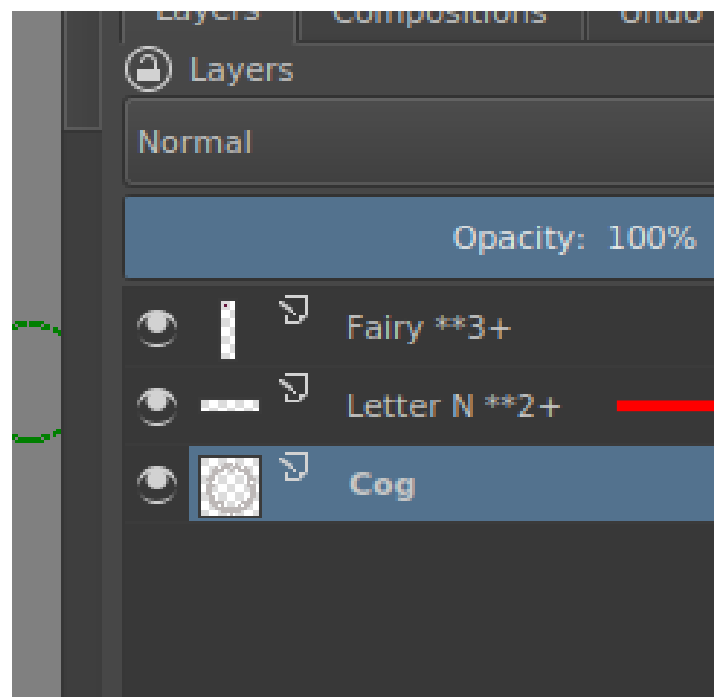


# Name-driven revealing layers in SVG and ORA images



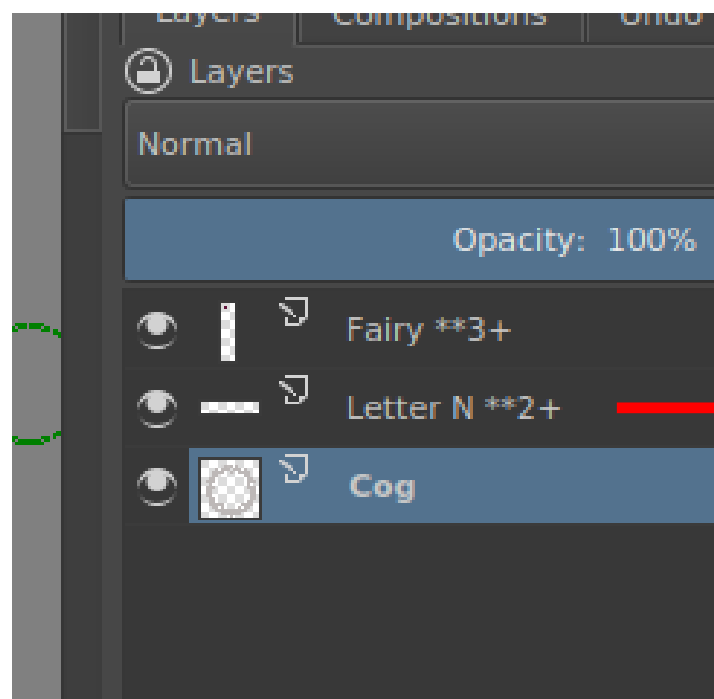
Layer is shown from the second step

# Name-driven revealing layers in SVG and ORA images



Layer is shown from the second step

# Name-driven revealing layers in SVG and ORA images



Layer is shown from the second step

# Headers & Titles

# Syntax highlighting

```
# This is comment  
from nelsie import SlideDeck  
  
deck = SlideDeck()  
  
@deck.slide()  
def hello_world(slide):  
    slide.text("Hello world!")  
  
deck.render("slides.pdf")
```

# Line highlighting

```
# This is comment  
from nelsie import SlideDeck  
  
deck = SlideDeck()  
  
@deck.slide()  
def hello_world(slide):  
    slide.text("Hello world!")  
  
deck.render("slides.pdf")
```

# Pointing into text

```
# This is comment  
from nelsie import SlideDeck  
  
deck = SlideDeck()  
  
@deck.slide()  
def hello_world(slide):  
    slide.text("Hello world!")  
  
deck.render("slides.pdf")
```



# Pointing into text

```
# This is comment  
from nelsie import SlideDeck  
  
deck = SlideDeck()  
  
@deck.slide()  
def hello_world(slide):  
    slide.text("Hello world!")  
  
deck.render("slides.pdf")
```



Comment



# Pointing into text

```
# This is comment  
from nelsie import SlideDeck  
  
deck = SlideDeck()  
  
@deck.slide()  
def hello_world(slide):  
    slide.text("Hello world!")  
deck.render("slides.pdf")
```



# Own styles in syntax highlight

```
# This is comment
from nelsie import SlideDeck

deck = SlideDeck()

@deck.slide()
def hello_world(slide):
    slide.text("Hello world!")

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

# Console demo

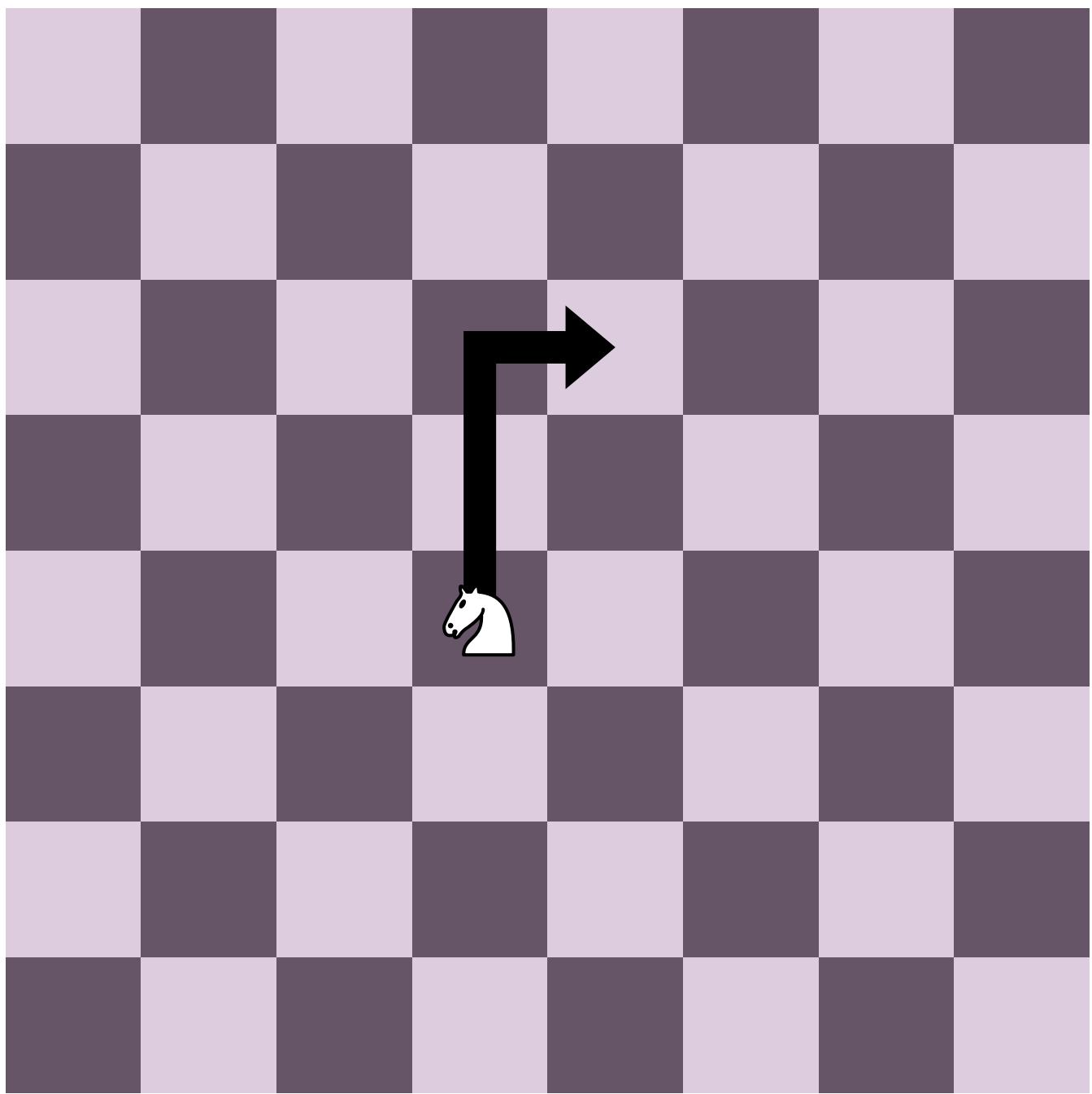
```
~/nelsie/example/bigdemo$ ls  
bigdemo.py  imgs  karla_font
```

```
~/nelsie/example/bigdemo$ python3 bigdemo.py
```

# Shapes















Clicable links in PDF

image: /home/runner/work/nelsie/nelsie/docs/imgs/nelsie-logo.jpg [256x255.40465]



text [317.85602x140.8]  
Debugging  
frames

title box [1024x173]

text [180.128x64]

Nelsie

text [604.494x44]

Framework for Creating Slides

text [173.39063x53.61]

Ada Böhm  
ada@kreatrix.org