λέξις

a xaringan theme

by John Paul Helveston

Written: May 04 2020

Updated: December 22 2020

What does "λέξις" mean

https://github.com/jhelvy/lexis

Text styling

Header level 1

Header level 2

Header level 3

Header level 4

Header level 5

Header level 6

Regular

Italics

Bold

Bold italics

~~Strikethrough~~

Fancy text

external link

`Inline code`

Inverse text styling

Header level 1

Header level 2

Header level 3

Header level 4

Header level 5

Header level 6

Regular

Italics

Bold

Bold italics

~~Strikethrough~~

Fancy text

external link

`Inline code`

Colors!

Use this...	...to get this
`.red[text]`	**text**
`.orange[text]`	**text**
`.yellow[text]`	**text**
`.green[text]`	**text**
`.darkgreen[text]`	**text**
`.blue[text]`	**text**
`.darkblue[text]`	**text**
`.purple[text]`	**text**
`.black[text]`	**text**

Tables

```
knitr::kable(head(mpg))
```

manufacturer	model	displ	year	cyl	trans	drv	cty	hwy	fl	c
audi	a4	1.8	1999	4	auto(l5)	f	18	29	p	c
audi	a4	1.8	1999	4	manual(m5)	f	21	29	p	c
audi	a4	2.0	2008	4	manual(m6)	f	20	31	p	c
audi	a4	2.0	2008	4	auto(av)	f	21	30	p	c
audi	a4	2.8	1999	6	auto(l5)	f	16	26	p	c
audi	a4	2.8	1999	6	manual(m5)	f	18	26	p	c

Block quotes

Use the > to make block quotes:

```
> This is what a block quote looks like.
```

> This is what a block quote looks like.

Github code chunk highlighting

```r
# function args are keywords c; function names
are keywords d
foo <- function(arg1 = 100, arg2 = "character
string") {
  if (TRUE) {
    x = NULL  # if, function, NULL are keywords a
    for (i in 1:10) x = c(x, mean(3 * rnorm(100)
+ 1))
  }
}

1 + "a"  # error
```

```
#> Error in 1 + "a": non-numeric argument to
binary operator
```

Line highlighting

An example of using the trailing comment #<< to highlight lines:

Code

````
```{r}
library(ggplot2)
ggplot(mtcars) +
  aes(mpg, disp) +
  geom_point() +   #<<
  geom_smooth()    #<<
```
````

Output

```
library(ggplot2)
ggplot(mtcars) +
  aes(mpg, disp) +
  geom_point() +
  geom_smooth()
```

Layouts!

Fancy panels!

R Code Plot

```
ggplot(mtcars, aes(x = mpg, y = hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
```

Three equal columns

`.cols3[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat

`.cols3[]`

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`.cols3[]`

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Two equal columns

`.leftcol[]` or `.pull-left[]`

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`.rightcol[]` or `.pull-right[]`

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Two columns: 60-40 split

`.leftcol60[]`

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`.rightcol40[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Two columns: 70-30 split

`.leftcol70[]`

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`.rightcol30[]`

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Two columns: 80-20 split

`.leftcol80[]`

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`.rightcol20[]`

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...other two-column split options

50-50: `.leftcol[]`
`.rightcol[]`

55-45: `.leftcol55[]`
`.rightcol45[]`

60-40: `.leftcol60[]`
`.rightcol40[]`

65-35: `.leftcol65[]`
`.rightcol35[]`

70-30: `.leftcol70[]`
`.rightcol30[]`

45-55: `.leftcol45[]`
`.rightcol55[]`

40-60: `.leftcol40[]`
`.rightcol60[]`

35-65: `.leftcol35[]`
`.rightcol65[]`

30-70: `.leftcol30[]`
`.rightcol70[]`

25-75: `.leftcol25[]`
`.rightcol75[]`

Full image background

```
background-image:
url("images/blue_ridge_mountains.jpg")
```

Full background color

```
background-color:
#909099
```

Images!

Images have no border by default

This code produces the image on the right:

```
<img
src="images/blue_ridge_sunset.jpg">
```

Add a thin border with `.border[]`

This code produces the image on the right:

```
.border[
<img
src="images/blue_ridge_sunset.jpg">
]
```

Or modify the border: `.borderthick[]`

This code produces the image on the right:

```
.borderthick[
<img
src="images/blue_ridge_sunset.jpg">
]
```

Or modify the border: `.whiteborder[]`

This code produces the image on the right:

```
.whiteborder[
<img
src="images/blue_ridge_sunset.jpg">
]
```

Or modify the border: `.whiteborderthick[]`

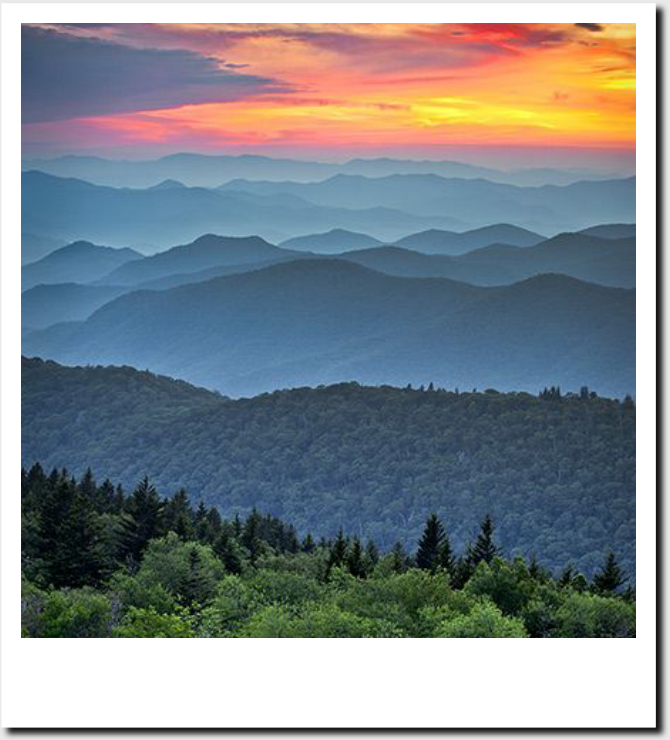
This code produces the image on the right:

```
.whiteborderthick[
<img
src="images/blue_ridge_sunset.jpg">
]
```

Make a polaroid image: `.polaroid[]`

This code produces the image on the right:

```
.polaroid[
<img
src="images/blue_ridge_sunset.jpg">
]
```



Make a circle image: `.circle[]`

This code produces the image on the right:

```
.circle[
<img
src="images/blue_ridge_sunset.jpg">
]
```

Make a thumbnail image: `.thumbnail[]`

This code produces the image on the right:

```
.thumbnail[
<img
src="images/blue_ridge_sunset.jpg">
]
```

Image classes work on rendered charts too

````
.border[
```{r}
ggplot(mtcars, aes(x = mpg, y
= hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
```
]
````

````
.circle[
```{r}
ggplot(mtcars, aes(x = mpg, y
= hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
```
]
````

Thanks!

@johnhelveston
@jhelvy
@jhelvy_
jhelvy.com
jph@gwu.edu

https://github.com/jhelvy/lexis