

Week 6

What is

GitHub is a
collaborative
projects from

What is GitHub?

GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere.

Data s

- html
- javascript
- CSS

Control and
Presentation

Data structure

- html
- javascript
- css

HTML

(Hyper Text)

- markup language to structure data
- scripting language to interact with data in order to create dynamic content
- programming language to create complex web applications

HTML

(Hyper Text Markup Language)

- **markup language** is used to control the presentation of data
- **scripting language** is used to mediate between programs in order to generate data
- **programming language** is used to transform data

m/tags/default.asp

m/html/html_entities.asp

HTML

```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <link rel="stylesheet" href="style.css">
6   <script src="script.js"></script>
7 </head>
8
9 <body>
10  <h1>Hello Plunker!</h1>
11 </body>
12
13</html>
```

sition

Basic Elements



HTML

Tag

<http://www.w3schools.com/tags/default.asp>

Entities

http://www.w3schools.com/html/html_entities.asp

Chrome developer tools

HTML

```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <link rel="stylesheet" href=
6   <script src="script.js"></sc
7 </head>
8
9 <body>
10  <h1>Hello Plunker!</h1>
11 </body>
12
13</html>
```

the Web



u/courses/Fall_2016/ling001/

trap.com/examples/

Tag

<http://www.w3schools.com/tags/c>

Entities

<http://www.w3schools.com/html/>

Chrome developer tools

Semantics on the Web

- Linguistics
- Symbols
- From human readable meaning to computer processable semantics

Old Design

- http://www.ling.upenn.edu/courses/Fall_2016/ling001/
- <http://badhtml.com/>

New Design

- <https://v4-alpha.getbootstrap.com/examples/>

HTML5 Semantic El



Semantics on the Web

- Responsive Design
- Themes

The Evolution of the

- <https://evolutionofweb.appspot.com/>

Browser Compatibility

- <http://www.webbrowsercompatibility.com/>

the Web

The Evolution of the Web

- <https://evolutionofweb.appspot.com/>

Browser Compatibility

- <http://www.webbrowsercompatibility.com/dom/desktop/>

then you should try
impress.js*

* no rhyme intended

It's a **presentation tool**
inspired by the idea behind prezi.com
and based on the **power of CSS3**
transforms and transitions in
modern browsers.



Want to know more?
use the source, Luke!

visualize your big thoughts

It's a presentation tool
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modern browsers.

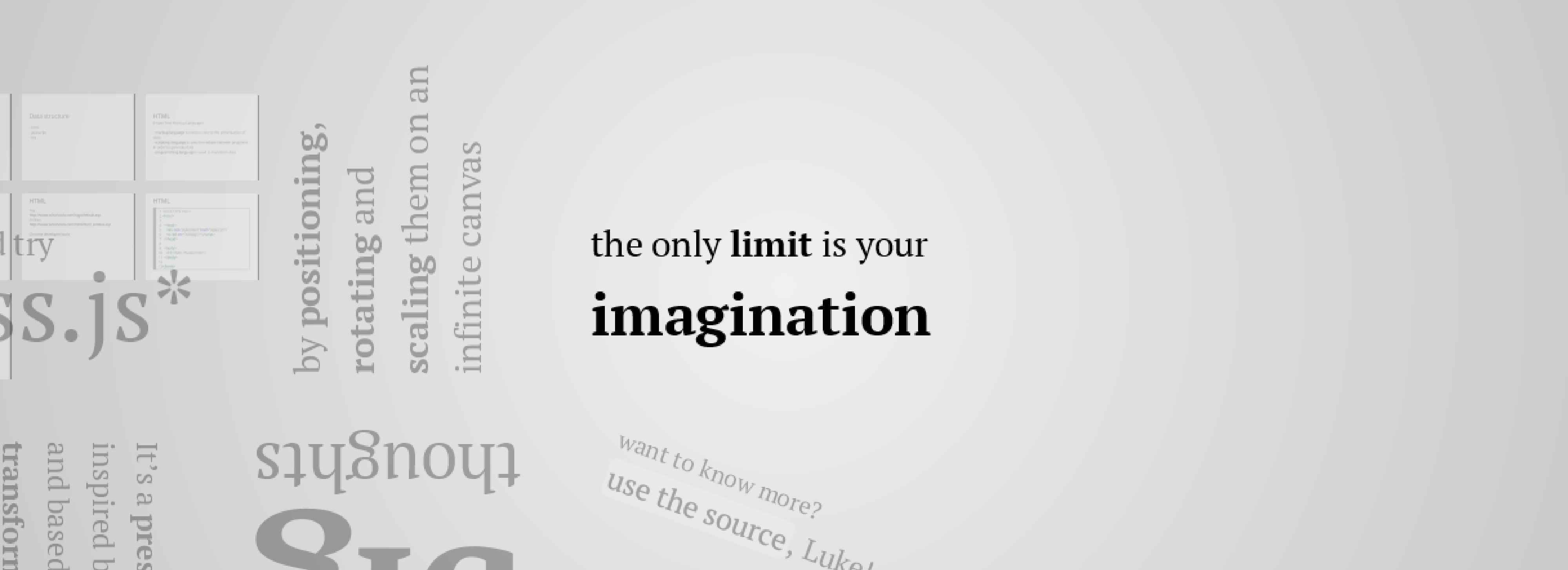


and **tiny** ideas

visualize your
big thoughts

by **positioning**,
rotating and
scaling them on an
infinite canvas





Data structure

```
const
  structure
  ...
```

HTML

Full HTML document example

```
<html>
  <head>
    <meta charset="utf-8">
    <title>
    ...
  </head>
  <body>
    ...
  </body>
</html>
```

the only **limit** is your
imagination

by positioning,
rotating and
scaling them on an
infinite canvas

try
S.js*

thoughts
810

want to know more?
use the source, Luke!

transform
and based
inspired b
It's a pres

want to know more?

use the source, Luke!



ETISIA



one more thing...

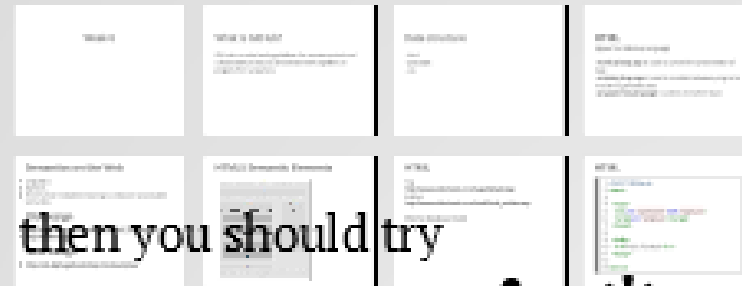
have you noticed it's in 3D*?

* beat that, prez! ;)

one more thing...

*have you noticed it's in **3D***?*

** beat that, prez i ;)*



then you should try
impress.js*

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one more thing...

but if you enjoyed it a lot, 2012
... has that, that is