RATCHET + JANK

live slides: bit.ly/2pV0PhP

@iamvery
This is a talk about the web.
This is a talk about the web.
This is a talk about complexity.
12 years of progress?
COMPLEXITY
git reset --hard 2004
TURBOLINKS
<% if [earth, moon, sun].all?(:aligned?) %>
  <figure>
    <%= moon.between?(earth..sun) ? sun.eclipsed : moon.eclipsed %>
  </figure>
<% else %>
  <% if earth.daytime? %>
    <figure><%= sun.shine %></figure>
  <% else %>
    <figure><%= moon.shine %></figure>
  <% end %>
<% end %>
<% end %>
<figure>
  <%= celestial_body.display %>
</figure>

<figure>
  {{ celestial_body.display }}
</figure>
LOGIC-LESS
HTML
The Web

Something I'm building

Something you're building
PLAIN HTML
<article>
  <h2>The Post Title</h2>
  <p>The post body.</p>
</article>
posts: [
  {title: "Interesting Facts",
   body: "Cats are soft. Dogs are noisy."},
  {title: "Bears",
   body: "Bears eat beets."}
]
<% for post in @data.posts %>
<article>
  <h2><%= post.title %></h2>
  <p><%= post.body %></p>
</article>
<% end %>
<article data-prop="posts">
  <h2 data-prop="title">Interesting Facts</h2>
  <p data-prop="body">
    Cats are soft. Dogs are noisy.
  </p>
</article>

<article data-prop="posts">
  <h2 data-prop="title">Bears</h2>
  <p data-prop="body">
    Bears eat beets.
  </p>
</article>
CONTENT
The 5 Forms of Data
1. Properties are mapped
{% property: "value" %}
2. Tag content
{% property: "value" %}
3. Tag Attributes
[href: "http://..."]
4. Combined content
{“Click”, href: “http://…”}
5. Iteration
<%= for post <- @data.posts %>
<article>
  <h2><%= post.title %></h2>
  <p><%= post.body %></p>
</article>
<% end %>
```{items: ["first", "second"]}
```
{%
    active_user: {%name: "Jay"},
    posts: [
        {%
            title: "Cats Facts",
            body: "Some cats are fuzzy.",
            comments: ["I like cats.", "I prefer dogs."],
            edit_link: {"Edit 'Cat Facts'", href: "http://example.com/posts/1"},
        },
        {%
            title: "Sleepy Dog",
            body: "Dogs sleep a lot.",
            comments: [],
            edit_link: {"Edit 'Sleepy Dog'", href: "http://example.com/posts/2"},
        },
    ],
    new_post: [disabled: true],
%}
Ratchet
"A set of pre-defined transformations used to bind content to elements"

https://github.com/iamvery/ratchet
(DEMO)
CACHING
I ♥ DESIGNERS
ERB EEX JSX
“It’s a MYSTERY to me WHY we CAN’T write plain HTML and CSS.”

- Designer
CLIENT
BUT...
(DEMO)
“LIKE RATCHET, but MORE JANKY”

https://github.com/iamvery/jank
Jay Hayes
https://iamvery.com — @iamvery
Big Nerd Ranch
We develop.
We teach.
We write.
HTML TEMPLATES
The web works.
@iamvery 🙋‍♂️ Questions?