



CTD Intro Week 10

CSS Basics



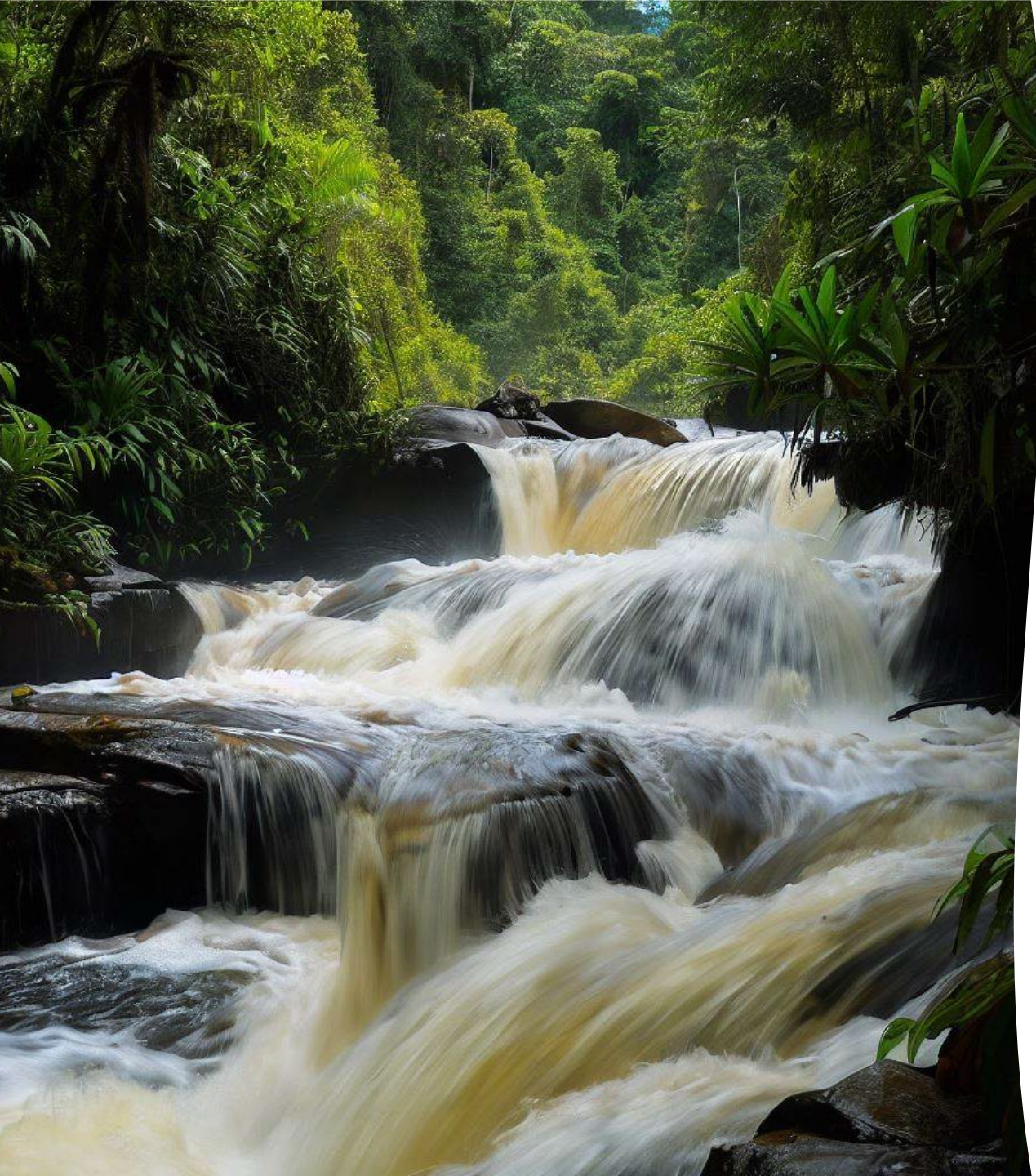


What is CSS?

- Cascading Style Sheets
 - Cascading: browser SS -> user SS -> author SS
 - Author overrides user, which overrides browser
- Separation of Concerns revisited
 - HTML for content
 - CSS for styling
 - Javascript for interaction and dynamic content

- ```
window.confirm(vp.themes.some(theme => theme.name === "dark"))
).fadeOut(350,function(){
 trigger("themes:update");
 notCheck:function(a){var b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z;
 .close-full-overlay":"view","view"
 view"),render:function(){}},c.router.baseHref+
 .navigate(c.router.baseHref+
 l.addClass("iframe-ready"),a.timeout=1000,
 moveClass("iframe-ready"),a.timeout=1000,
 ger("preview:close"),this.unbind(
 is.$el.toggleClass("collapsible")
 w--device",c),this.toggleClass(
 tr("aria-pressed",!0)).toggleClass(
 disabled)||vp.updateTheme()
 })),c.view.Themes=vp.ThemeManager({
 front+Theme(),this.listenTo(c.view
```

```
window.confirm(vp.themes.some(theme => theme.name === "dark"))
).fadeOut(350,function(){
 trigger("themes:update");
 notCheck:function(a){var b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z;
 .close-full-overlay;"view","view"
 view"),render:function(){}
 .navigate(c.router.baseUrl);
 l.addClass("iframe-ready");
 moveClass("iframe-ready");
 ger("preview:close"),this
 is.$el.toggleClass("collapse")
 w--device",c),this.
 tr("aria-pressed",!0),
 disabled)|| (vp.update
)})),c.view.Themes=vp.
 nrontTheme(),this.
```



# More selectors

- Descendant selectors
  - Elements that are descendants of another element
    - e.g. `li a` => any `a` element nested inside an `li` element
    - With an id: `#unique a` => any `a` element nested inside the `id=unique` element
    - Multiple levels: `#nav ul li a`
- Universal: `*` => everything
  - Also descendant: `p *`
- Child selector:
  - `div > p` => a paragraph which is a child of a `div`
- Attribute selectors:
  - `img[src="small.jpg"]`



# Declaration summary

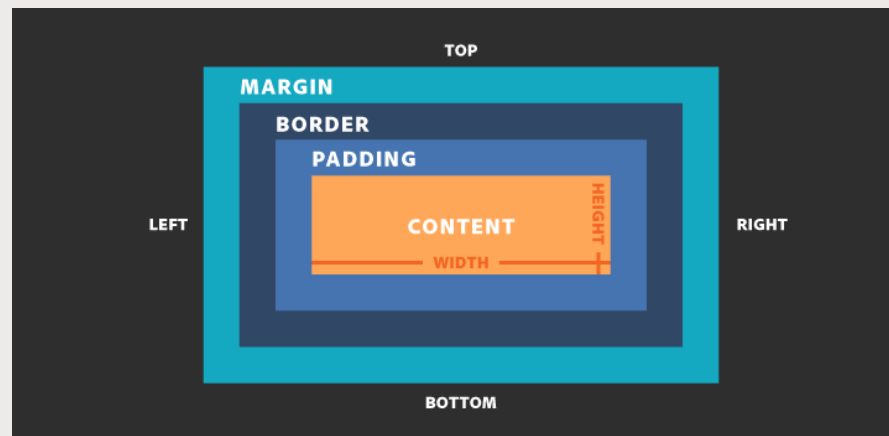
- Fonts
  - Family, style, variant, weight, size
- Text properties
  - Letter/word spacing, alignment (v/h), decoration, indentation, transformation
- Color and background
- Box properties
  - Margin, border, padding
- Formatting of declarations
  - Separate lines for { }, each declaration





# Box Model

- Block level element
  - Blocks with line breaks before and after
  - e.g. Paragraph, heading, div...
- Inline elements
  - Displayed in lines with no line breaks
  - e.g. emphasized text, strong text, links...







# Questions

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