css/style_radarboard.css

Introduction

This document will walk you through the CSS styling for the radar board.

The radar board styling is designed to ensure a consistent and visually appealing user interface. The main design decisions include:

1. Setting global styles for the document.
2. Defining specific styles for various elements such as tooltips, buttons, and containers.
3. Implementing hover and active states for interactive elements.

Code flow

Global styles

We start by setting the global styles for the document. This includes defining the font family and preventing page scrolling.

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```css
1  /* Grundlegende Stile */
2
3  /* Standard-Schriftarten für den gesamten Körper des Dokuments festlegen */
4  body {
5    font-family: -apple-system, BlinkMacSystemFont, Roboto, "Segoe UI", Helvetica, Arial, sans-serif, "Apple Co
6    overflow: hidden;
7    /* Verhindert das Scrollen auf der Seite */
8  }
```

Warning message

The warning message is initially hidden and styled with specific text properties.

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```css
10  #screenWarnung {
11    display: none;
12    /*  display: block; */
13    /* Standardmäßig versteckt */
14    color: rgb(229, 9, 9);
15    /* Textfarbe */
16    font-weight: medium;
17    /* Fettdruck */
18    font-size: 18px;
19    /* Schriftgröße */
```

```
20    /* margin-bottom: 20px; */
21    /* Abstand zum nächsten Element */
22  }
```

Title styling

The main title at the top of the page is styled to be centered and bold.

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```
24  /* Stil für das obere Titel-Element */
25
26
27  /* Stile für den Haupttitel festlegen */
28  #title-top {
29    width: 127%;
30    display: inline-block;
31    text-align: center;
32    /* Zentriert den Text */
33    font-size: 25px;
34    color: #535353;
35    padding-top: 10px;
36    font-family: "Arial";
37    font-weight: 600;
38    /* Macht den Text halbfett */
39  }
```

Legend positioning

The legend is positioned absolutely within the window to ensure it remains in a fixed location.

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```
41  /* Positionierung der oberen Legende */
42
43  /* Stellt die Legende an einer festen Position im Fenster dar */
44  #legende-top {
45    position: absolute;
46    display: inline-block;
47    top: 200px;
48    left: 11px;
49  }
```

Tooltip styling

Tooltips are styled to be hidden by default and appear with a smooth transition. This includes both general tooltip styles and specific styles for different tooltip types.

```css
65  /* Grundstil für den Tooltip */
66
67  /* Allgemeiner Tooltip-Stil, der für beide Tooltip-Typen (`.tooltip` und `.tooltip-text`) gilt */
68  .tooltip,
69  .tooltip-text {
70    visibility: hidden;
71    /* Tooltips sind standardmäßig unsichtbar */
72    text-align: left;
73    padding: 7px;
74    border-radius: 6px;
75    /* Abgerundete Ecken */
76    position: absolute;
77    /* Positioniert den Tooltip relativ zum Elternelement */
78    z-index: 1;
79    opacity: 0;
80    /* Transparent, sodass er unsichtbar ist */
81    transition: opacity 0.3s;
82    /* Glatter Übergangseffekt für die Opazität */
83  }
```

```css
85  /* Spezifische Stile für den `.tooltip` */
86  .tooltip {
87    background-color: #555;
88    color: #fff;
89    left: 0;
90    top: -30px;
91  }
```

```css
93   .tooltip-text {
94     max-width: 300px;
95     min-width: 250px;
96     background-color: #dbdbdbc9;
97     color: #000;
98     font-size: 11px;
99     left: 50%;
100    /* Positionieren Sie den Tooltip in der Mitte des Elternelements */
101    transform: translateX(-50%);
102    /* Verschieben Sie es um 50% seiner eigenen Breite zurück */
103    top: 100%;
104    /* Positionieren Sie den Tooltip direkt unter dem Elternelement */
105    margin-top: 5px;
106    /* Ein wenig Abstand von der oberen Kante */
107  }
```

Tooltip container

The container for tooltips is styled to show the tooltip when hovered over.

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```
110  /* Container, der den Tooltip enthält */
111  .tooltip-container {
112    position: relative;
113    display: inline-block;
114  }
115
116  /* Effekt, um den Tooltip beim Überfahren mit der Maus sichtbar zu machen */
117  .tooltip-container:hover .tooltip-text {
118    visibility: visible;
119    opacity: 1;
120  }
```

Selector styling

The selector element is styled with specific padding, font properties, and color.

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```
122  /* Stile für das Selektor-Element */
123  #selector {
124    display: inline-block;
125    padding-top: 8px;
126    padding-left: 36em;
127    font-family: "Arial";
128    font-size: 14px;
129    font-weight: bold;
130    color: #595959;
131  }
```

Help video positioning

The help video is centered within the window using absolute positioning and transformation.

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```
133  #helpvideo {
134    position: absolute;
135    display: block;
136    left: 50%;
137    top: 50%;
138    transform: translate(-50%, -50%);
139    z-index: auto;
140  }
```

Visualization network and cluster

The visualization network and cluster elements are positioned absolutely and sized to fit within the window.

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```css
142   #viznetwork {
143       position: absolute;
144       display: block;
145       left: 35px;
146       top: 50px;
147       /* width: 1100px; */
148       width: 90%;
149       height: 90%;
150   }
```

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```css
152   #vizcluster {
153       position: absolute;
154       display: block;
155       left: 35px;
156       top: 50px;
157       width: 1100px;
158       height: 90%;
```

Close button

The close button is positioned absolutely at the top-right corner of the window.

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```css
160   }
161
162   #CloseButton {
163       color: rgb(10, 10, 10);
164       position: absolute;
165       right: 0px;
166       top: 0px;
167   }
```

Main chart container

The main chart container is styled to occupy almost the entire window height and have a white background.

```
169  /* Hauptdiagramm-Container-Stil */
170  #chartdiv {
171    width: 100%;
172    height: 99vh;
173    /* Nimmt fast die gesamte Fensterhöhe ein */
174    background-color: #ffffff;
175
176  }
```

Collapsible buttons

Collapsible buttons are styled with specific properties for default, hover, and active states. This includes pseudo-elements for plus and minus symbols.

```
178  /* Stil für die ausklappbaren Buttons (Collapsible) */
179
180  /* Grundlegende Button-Stile */
181  .collapsible {
182    border: 0px solid #595959;
183    background-color: white;
184    padding: 2px 5px;
185    width: 99.5%;
186    font-size: 14px;
187    text-align: left;
188    cursor: pointer;
189    /* Ändert den Mauszeiger beim Überfahren des Buttons */
190  }
```

```
202  /* Hover- und aktive Stile für die ausklappbaren Buttons */
203  .collapsible:hover,
204  .active {
205    background-color: #e7e7e7;
206    /* Hintergrundfarbe beim Überfahren und wenn aktiv */
207  }
208
209  /* Besonderer Stil für aktive (ausgeklappte) Buttons */
210  .active {
211    font-weight: bold;
212    font-size: 15px;
213  }
```

```
215    /* Pseudo-Elemente für das Plus- und Minus-Symbol auf den ausklappbaren Buttons */
216    .collapsible:after,
217    .active:after {
218        color: #555555;
219        float: left;
220        margin-left: 0px;
221        padding: 0px 10px 0px 0px;
222        font-weight: bold;
223    }
```

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```
225    .collapsible:after {
226        content: '\002B';
227        /* Plus-Zeichen */
228    }
229
230    .active:after {
231        content: "\2212";
232        /* Minus-Zeichen */
233    }
```

Collapsible content

The content within collapsible buttons is styled to be hidden by default and transition smoothly when expanded.

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```
235    /* Stil für den sichtbaren Inhalt, wenn ein Button ausgeklappt ist */
236    .content {
237        width: 100%;
238        padding: 0 0px;
239        max-height: 0;
240        /* Standardmäßig unsichtbar, da maximale Höhe 0 ist */
241        overflow: hidden;
242        /* Verhindert Scrollen innerhalb des Inhalts */
243        transition: max-height 0.2s ease-out;
244        /* Übergangseffekt für die max-height Änderung */
245    }
```

Content frame

The content frame is styled to occupy most of the window height, and specific styles are applied to default buttons.

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```
247    .content-frame {
```

```
248      border: 0;
249      width: 100%;
250      height: 92vh;
251    }
252
253    /* Spezifischer Stil für den Standard-Button (grauer Button) */
254    .default {
255      border-color: #595959;
256      color: #555555;
257    }
```

Default button hover

Default buttons change background color when hovered over, and radio buttons are aligned with the surrounding text.

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```
259    .default:hover {
260      background: #e7e7e7;
261      /* Hintergrundfarbe beim Überfahren des Buttons */
262    }
263
264    /* Radiobutton-Stil, um ihn mit dem umgebenden Text auszurichten */
265    input[type="radio"] {
266      vertical-align: text-top;
267    }
```

Content wrapper

The content wrapper is styled to fill the entire window height, and dropdown containers in the title area are styled with specific properties.

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```
269    /* Wrapper für den Inhalt, um 100% der Fensterhöhe zu füllen */
270    .content-wrapper {
271      width: 100%;
272      height: 100vh;
273    }
274
275    /* Stile für Dropdown-Container im Titelbereich */
276    #title-dropdown-container {
277      width: 100%;
278      background-color: #fefdfb;
279      color: #212327;
280    }
```

Filter text

Filter text elements are styled uniformly with a small font size.

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```css
282  /* Einheitlicher Stil für Filtertext */
283  #filter0,
284  #filter1,
285  #filter2,
286  #filter3,
287  #filter4 {
288    font-size: 10px;
289  }
```

Dropdown divisions

Dropdown divisions for the left and right sides are styled with specific positioning and alignment properties.

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```css
291  /* Dropdown-Div-Stile für die linke und rechte Seite */
292  #dropdown-div-links {
293    display: inline-block;
294    text-align: left;
295  }
296
297  #dropdown-div-rechts {
298    position: absolute;
299    display: block;
300    right: 8px;
301    top: 8px;
302  }
```

Dropdown title

The main title within the dropdown is styled to be bold and centered.

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```css
304  /* Stil für den Haupttitel im Dropdown */
305  #title-div {
306    width: 20%;
307    display: inline-block;
308    text-align: center;
309    font-size: 15px;
310    font-weight: bold;
311    /* Setzt den Text fett */
312    vertical-align: sub;
313    /* Stellt sicher, dass der Titel in der Nähe des Unterrandes ausgerichtet ist */
314  }
```

Toggle filter button

The toggle filter button is styled with a small font size.

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```
316   /* Stil für den Toggle Filter Button */
317   #toogleFilterButton {
318     font-size: 10px;
319     /* Setzt die Schriftgröße */
320   }
```

Conclusion

The CSS styling for the radar board ensures a consistent and visually appealing user interface. By defining global styles, specific element styles, and interactive states, we create a cohesive and user-friendly experience. Each section of the CSS file addresses different aspects of the UI, from global settings to specific component styling, ensuring that all elements work together harmoniously.