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## W07-P1: convert global blogs css to a styled component

The screenshot shows the development environment for a React application using Supabase.

**Visual Studio Code (Left):**

- File Structure:** Shows the project structure with files like `index.scss` and `BlogSupabasePage\_75.js`.
- Code Editor:** Two files are open:
  - BlogSupabasePage\_75.js:** Contains JSX code for a blog card, specifically targeting the section with the class `blogs`.
  - index.scss:** Contains global CSS rules for the `body` and a specific rule for the `blogs` class.
- Terminal:** Shows a warning from webpack: "webpack compiled with 1 warning".

**Browser Preview (Right):**

- Header:** Shows the URL [localhost:3000/supabase\\_75](http://localhost:3000/supabase_75).
- Content:** Displays a grid of blog cards. One card is highlighted with a red box and labeled "Fetch Blogs From Supabase Ray 211417075".
- Card Examples:** Six cards are shown, each with a thumbnail, category (LIFESTYLE or TRAVEL), title, and a "Read More" link.

Code editor showing `BlogsSupabasePage_75.js` and browser screenshot of the result.

```

JS Blogs_75.js U ...
src/assets > wrapper > JS Blogs_75.js
1 import styled from 'st...
2 const Wrapper = styled...
3 .blogs {
4   --primary: #645cff;
5   --primary-dark: #3...
6   --grey-light: #f1f...
7   --grey: #64748b;
8   --grey-dark: #0f17...
9   --letter-spacing: 2px;
10  --fluid-width: 90vw;
11  --max-width: 1170px;
12  --border-radius: 0.15rem;
13  padding: 5rem 0;
14
15  .section-title {
16    text-align: center;
17    text-transform: uppercase;
18    margin: 2rem 0;
19    letter-spacing: 2px;
20  }
21
22  .blogs-center {
23    display: grid;
24    grid-template-columns: 1fr 1fr;
25    gap: 2rem;
26    width: var(--fluid-width);
27    max-width: var(--max-width);
28    margin: 0 auto;
29    /* max-width: 1170px; */
30  }
31
32  @media screen and (min-width: 768px) {
33    .blogs-center {
34      grid-template-columns: 1fr 1fr 1fr;
35      gap: 2rem;
36    }
37  }
38
39  @media screen and (min-width: 1170px) {
40    .blogs-center {
41      grid-template-columns: 1fr 1fr 1fr 1fr;
42      gap: 2rem;
43    }
44  }
45
46  .blogs {
47    padding: 5rem 0;
48  }
49
50  .section-title {
51    text-align: center;
52    text-transform: uppercase;
53    margin: 2rem 0;
54    letter-spacing: 2px;
55  }
56
57  .blogs-center {
58    display: grid;
59    grid-template-columns: 1fr 1fr;
60    gap: 2rem;
61    width: var(--fluid-width);
62    max-width: var(--max-width);
63    margin: 0 auto;
64  }
65
66  @media screen and (min-width: 768px) {
67    .blogs-center {
68      grid-template-columns: 1fr 1fr 1fr;
69    }
70  }
71
72  export default BlogsSupabasePage_75;

```

Browser screenshot showing the rendered cards with a red box highlighting the `<Wrapper>` component in the DOM.

Code editor showing `BlogsNodeServerPage_75.js` and browser screenshot of the result.

```

EXPLORER ...
src/pages > JS BlogsNodeServerPage_75.js ...
1 import { useEffect, useState } from "react";
2
3 import axios from "axios";
4 import Wrapper from "./assets/wrapper/Blogs_75";
5 // let api_url = "http://localhost:9000/api/card2_75";
6
7 let api_url = "https://one112-server-card-demo-75.onrender.com/api/";
8
9
10 const BlogsNodeServerPage_75 = () => {
11   const [name, setName] = useState("Ray");
12   const [id, setId] = useState("211417075");
13
14   const [data, setData] = useState([]);
15   // console.log('blog data', data);
16
17   const fetchBlogDataFromNodeServer = async () => {
18     try {
19       const results = await axios.get(api_url);
20       console.log('results', results);
21       setData(results.data);
22     } catch(error) {
23       console.log(error);
24     }
25   }
26
27   useEffect(()=>{
28     fetchBlogDataFromNodeServer();
29   }, []);
30
31
32   return (
33     <Wrapper>
34       <section className="blogs"> ...
35       </section>
36     </Wrapper>
37   )
38
39   export default BlogsNodeServerPage_75;

```

Browser screenshot showing the rendered cards with a red box highlighting the `<Wrapper>` component in the DOM.

ed6f867 CactusRay

Wed Mar 29 19:23:32 2023 +0800    ### W07-P1: convert global blogs css to a styled componer

# W07-P2: Convert mega menu (html, css) to React components using styled component

The screenshot shows a developer's workspace with two main windows:

- VS Code (Left):** Displays two files:
  - NavbarResp\_75.js:** Shows a styled component named `Wrapper` (highlighted with a red box). The code imports `styled` from `styled-components` and exports the `Wrapper` component.
  - NavbarResp\_75.js (Components):** Shows the usage of the `Wrapper` component in a `return` block (also highlighted with a red box).
- Chrome DevTools (Right):** Shows a live preview of a website at `localhost:3000/supabase_75`. A red box highlights a dropdown menu titled "MEGA MENU". The menu items include "Static", "Local Json", "Supabase", and "Node Server". The "Supabase" item is currently selected. The DevTools sidebar shows the DOM structure and styles for the header element, specifically targeting the class `.i0qIRZ .header`.

b70cbe CactusRay

Wed Mar 29 21:29:52 2023 +0800    #### W07-P2: Convert mega menu (html, css) to React component

# W07-P3: place BlogsSupabasePage\_xx data into DemoContext\_xx.js, and make it work

Visual Studio Code screenshot showing the code for BlogsSupabasePage\_75.js and DemoContext\_75.js.

**BlogsSupabasePage\_75.js:**

```

1 import React, {useContext, useReducer, useEffect, Children} from "react";
2
3 import DemoReducer_75 from "./DemoReducer_75";
4
5 import { supabase } from "../db/clientSupabase";
6
7 const initialState = {
8   pName: "Ray",
9   pid: '123456789',
10  blogs: []
11}
12
13 const DemoContext_75 = React.createContext();
14
15 const DemoProvider_75 = ({children}) => {
16   const [state, dispatch] = useReducer(DemoReducer_75, initialState);
17   const fetchBlogDataFromSupabase = async () => {
18     ...
19   }
20
21   useEffect(() => {
22     ...
23   }, []);
24
25   return (
26     <DemoContext_75.Provider value={{...state}}>
27       {children}
28     </DemoContext_75.Provider>
29   );
30 }
31
32 const useDemoContext_75 = () => {
33   return useContext(DemoContext_75);
34 }
35
36 export { DemoProvider_75, useDemoContext_75 };
37
38 export default BlogsSupabasePage_75;
39
40
41
42
43
44
45
46

```

**DemoContext\_75.js:**

```

10 import Wrapper from "../assets/wrapper/Blogs_75";
11
12 import { useDemoContext_75 } from "../context/DemoContext_75";
13
14 const BlogsSupabasePage_75 = () => {
15   const [name, setName] = useState('Ray');
16   const [id, setId] = useState('211417075');
17
18   const [data, setData] = useState([]);
19   // console.log("blog data", data);
20
21   const {pName, pid, blogs} = useDemoContext_75();
22
23   // const fetchBlogDataFromSupabase = async () => {
24
25
26   return (
27     <Wrapper>
28       <section className="blogs">
29         <div className="section-title">
30           <h2>Fetch Blogs From Supabase</h2>
31           <h3>{pName} ({id})</h3>
32         </div>
33         <div className="blogs-center2">
34           {blogs.map((item) => {
35             const { id, img, remote_img, category, title, desc } = item;
36             return (
37               <article key={id} className="blog">
38                 <img alt={title} className="img blog-img" src={img} />
39                 <div className="blog-content">
40                   <span>{category}</span>
41                   <i className="fa-solid fa-link" />
42                   <span>{title}</span>
43                   <span>{desc}</span>
44                 </div>
45               </article>
46             );
47           )}
48         </div>
49       </section>
50     </Wrapper>
51   );
52 }
53
54
55
56
57
58
59
60

```

Browser screenshot showing the application running at localhost:3000/supabase\_75.

The page displays a grid of cards with blog posts. A red box highlights the header "Fetch Blogs From Supabase Ray 211417075".

The DevTools Components panel shows the props for BlogsSupabasePage\_75, including the Context.Provider component which contains the state and dispatch functions for the DemoContext\_75 provider.

The props object includes:

```

props
new entry: ""
hooks
1 State: "Ray"
2 State: "211417075"
3 State: []
DemoContext_75:
  Context: {blogs: Array(9), pid: "123456789", pName: "Ray"}
    pName: "Ray"
    pid: "123456789"
    blogs: [(...), (...), (...), (...), (...), (...), (...), (...), (...)]
      0: {category: "lifestyle", descrip: "Lorem ipsum dolor..."}
      1: {category: "travel", descrip: "Lorem ipsum dolor..."}
      2: {category: "lifestyle", descrip: "Lorem ipsum dolor..."}
      3: {category: "lifestyle", descrip: "Lorem ipsum dolor..."}
      4: {category: "lifestyle", descrip: "Lorem ipsum dolor..."}
      5: {category: "travel", descrip: "Lorem ipsum dolor si..."}
      6: {category: "travel", descrip: "Lorem ipsum dolor si..."}
      7: {category: "travel", descrip: "Lorem ipsum dolor si..."}
      8: {category: "travel", descrip: "Lorem ipsum dolor si..."}

```

# W07-P4: place BlogsStaticPage\_xx data (name, id) into DemoContext\_xx.js, and make it work

The screenshot shows a development setup with two main windows:

- Visual Studio Code (Left):** Displays the file `BlogsStaticPage_75.js`. Several lines of code are highlighted with red boxes:
  - Line 4: `const blogsStaticPage_75 = () => {`
  - Line 12: `<div className="section-title">`
  - Line 13: `<h2>Fetch Blogs From Static Data--{pName} {pId}</h2>`
  - Line 29: `<img alt="Coffee photo" className="img blog-img"`
  - Line 31: `<img alt="Coffee photo" className="img blog-img"`
- Browser Preview (Right):** Shows a web page at `localhost:3000/card_75`. The header says "logo". Below it is a section titled "Fetch Blogs From Static Data--Ray 211417075". Three cards are displayed:
  - LIFESTYLE**: Seven Reasons Why Coffee Is Awesome
  - TRAVEL**: Travel To Paris
  - LIFESTYLE**: Coffee Brings Friendship
- Developer Tools (Bottom Right):** The DevTools sidebar shows the component tree for `DemoProvider_75`. A specific node under `children: <App />` is highlighted with a red box, showing its props:
  - `value: {blogs: Array(9), blogsNode: Array(0), pId: "211417075"}`
  - `blogs: [{}]`
  - `blogsNode: []`
  - `pId: "211417075"`
  - `pName: "Ray"`
  - `new entry: ""`
  - `new entry: ""`

218450a CactusRay

Wed Mar 29 21:46:26 2023 +0800   ### W07-P4: place BlogsStaticPage\_xx data (name, id) into

# W07-P5: place BlogsLocalJsonPage\_xx data into DemoContext\_xx.js, and make it work

The screenshot shows a development setup with three main components:

- Visual Studio Code (Left):** Displays the file `BlogsLocalJsonPage_75.js`. The code imports `useState` from React and `Wrapper` from a local asset. It uses `useDemоАContext_75` to get blog data. A red box highlights the import of `useDemоАContext_75`.
- Browser Preview (Top Right):** Shows a website with a header "logo" and navigation links. The main content area displays "Fetch Blogs From Local Json --Ray 211417075". Below this, there are three cards: "Seven Reasons Why Coffee Is Awesome" (LIFESTYLE), "Travel To Paris" (TRAVEL), and "Coffee Brings Friendship" (LIFESTYLE). A red box highlights the header text.
- DevTools (Bottom Right):** The "Components" tab is open, showing the component tree. A red box highlights the props object under the `App` component, which includes `value` (an array of blog objects) and other properties like `pId`, `pName`, and `new entry`.

3499578 CactusRay

Wed Mar 29 21:50:47 2023 +0800   ### W07-P5: place BlogsLocalJsonPage\_xx data into DemoCor

**W07-P6: place BlogsNodeServerPage\_xx data into DemoContext\_xx.js (using blogs2), and make it work**

```
File Edit Selection View Go Run Terminal Help
BlogsNodeServerPage_75.js - 1112-client-card-demo-75 - Visual Studio Code

JS BlogsSupabasePage_75.js 9, M JS DemoContext_75.js 3, U x
src > context > JS DemoContext_75.js > initialstate > blogs
| > blogs Aa ab * 1 of 2 ↑ ↓ ⌂ x
1 import React, {useContext,useReducer,useEffect, Children} from "react";
2
3 import DemoReducer_75 from "./DemoReducer_75";
4
5 import { supabase } from '../db/clientSupabase'
6
7 const InitialState = {
8   phname: 'Ray',
9   pid: '211417075',
10  blogs: []
11 }
12
13 const DemoContext_75 = React.createContext();
14
15 const DemoProvider_75 = ({children}) => {
16   const [state, dispatch] = useReducer(DemoReducer_75, InitialState);
17   const fetchBlogDataFromSupabase = async () => {
18     try {
19       let { data, error } = await supabase.from('card_75').select('*');
20
21       console.log('data', data);
22       dispatch({type: 'GET_BLOGS_SUPABASE_SUCCESS', payload: data});
23       // setData(data);
24     } catch (error) {
25       console.log(error);
26     }
27   }
28
29
30   useEffect(() => {
31     fetchBlogDataFromSupabase();
32   }, []);
33
34
35   return (
36     <DemoContext_75.Provider value={{...state}}>
37     {children}
38     </DemoContext_75.Provider>
39   )
40 }

41 import wrapper from '../assets/wrapper/blogs.js';
42 import { useDemoContext } from './context/democontext_75';
43
44 let api_url = 'https://one112-server-card-demo-75.onrender.com/api/card2_75';
45
46 const BlogsNodeServerPage_75 = () => {
47   const [name, setName] = useState('Ray');
48   const [id, setId] = useState('211417075');
49
50   const [data, setData] = useState([]);
51   // console.log('blog data', data);
52   const {phname, pId, blogs} = useDemoContext_75();
53
54   const fetchBlogDataFromNodeServer = async () => {
55     try {
56       const results = await axios.get(api_url);
57       console.log(results, results);
58       setData(results.data);
59     } catch(error) {
60       console.log(error);
61     }
62   }
63
64   useEffect(()=>{
65     fetchBlogDataFromNodeServer();
66   }, []);
67
68   return (
69     <Wrapper>
70       <section className="blogs">
71         <div className="section-title">
72           <h2>Fetch Blogs From Node Server</h2>
73           <h3>{phname} ({pId})</h3>
74         </div>
75         <div className="blogs-center2">
76           {blogs.map((item)=>
77             const {id, img, remote_img, category, title, desc} = item;
78             return (
79               <article key={id} className="blog">
80                 <img alt={img}>
81               </article>
82             )
83           )}
84         </div>
85       </section>
86     </Wrapper>
87   )
88 }
```

The screenshot shows a web browser with multiple tabs open, displaying a blog application built with React. The main content area shows a grid of blog posts with cards for each. A specific card for a Node.js server fetch is highlighted with a red box. The browser's developer tools are open, specifically the Components tab, which displays the React component tree for the application. A red box highlights the 'Context.Provider' component in the tree. The props for this component are expanded, showing the blog data and other properties like 'pId' and 'pName'. The browser's address bar shows the URL as 'localhost:3000/node\_75'.

```
children: <App />
value: {blogs: Array(9), pId: "211417075", pName: "Ray"}
blogs: [{}]
  0: {category: "lifeStyle", descrip: "Lorem ipsum dolor..."}
  1: {category: "travel", descrip: "Lorem ipsum dolor si..."}
  2: {category: "lifeStyle", descrip: "Lorem ipsum dolor..."}
  3: {category: "lifeStyle", descrip: "Lorem ipsum dolor..."}
  4: {category: "travel", descrip: "Lorem ipsum dolor si..."}
  5: {category: "travel", descrip: "Lorem ipsum dolor si..."}
  6: {category: "travel", descrip: "Lorem ipsum dolor si..."}
  7: {category: "travel", descrip: "Lorem ipsum dolor si..."}
  8: {category: "travel", descrip: "Lorem ipsum dolor si..."}  
new entry:  
pId: "211417075"  
pName: "Ray"  
new entry: ""  
new entry: ""
```

# W07-logs

The screenshot shows a GitHub repository page for 'CactusRay / 1112\_wp2\_demo\_75'. The 'Code' tab is selected. A dropdown menu shows 'main' is the active branch. The commit history is displayed in two sections: 'Commits on Mar 29, 2023' and 'Commits on Mar 22, 2023'. Each commit includes a message, the author (CactusRay), the commit time (e.g., 'committed now', '7 minutes ago', '11 minutes ago', '26 minutes ago', '28 minutes ago', '2 hours ago', 'last week'), and the commit hash.

Date	Commit Hash	Author	Message
Mar 29, 2023	8919883	CactusRay	### W07-P6: place BlogsNodeServerPage_xx data into DemoContext_xx.js ...
Mar 29, 2023	3499578	CactusRay	### W07-P5: place BlogsLocalJsonPage_xx data into DemoContext_xx.js, ...
Mar 29, 2023	218450a	CactusRay	### W07-P4: place BlogsStaticPage_xx data (name, id) into DemoContext...
Mar 29, 2023	99942c3	CactusRay	### W07-P3: place BlogsSupabasePage_xx data into DemoContext_xx.js, a...
Mar 29, 2023	b70cbec	CactusRay	### W07-P2: Convert mega menu (html, css) to React components using s...
Mar 29, 2023	ed6f867	CactusRay	### W07-P1: convert global blogs.css to a styled component
Mar 22, 2023	44e8641	CactusRay	w06-logs
Mar 22, 2023	e3a7133	CactusRay	### W06-P2-3: Deploy React to Vercel, show route /supabase_xx

606ea02 CactusRay      Wed Mar 29 21:59:13 2023 +0800    ### W07-logs