

Front-end Forum

13th of September



Bobby Westberg



Agenda

- Builders Core
- Migration guide
- Form patterns
- Piwik
- FE News & Inspiration
- Talks!

Builders Core

New name: **Builders Core!**

#builders-core

Loads of good feedback! ❤️

Ask questions, come with constructive feedback (or even a PR!) - everything grows our collective toolkit.

Multiple minor releases since last FEF, check *#builders-core*!



Eirik Backer 11:21

New release of BuildersCore with lots of new stuff! 🚀

- 📖 **Using WebPack, Create React App or Jest?** [Migration documentation](#) now contains information on how to make these tools happy with BuildersCore ❤️
- ✅ **Cleanup of all component tracking parameters** and tracking documentation on each component page! Big thanks to [@jenny.gabrielsen](#) [@camilla.handberg](#) [@daniel.mossestad](#) [@jarle.fjeldstad](#) [@marius.sorensen-dreyer](#) [@sandra.skarshaug](#) and [@anders.bjorkhaug](#) for participating in workshop ❤️
- ⚖️ **Way better tree shaking for all packages** - finally found a workaround for the Vite "library mode"-bug causing reduced tree shakeability (is that a word? 🤔). Thanks to [@henrik.lilleengen](#) for poking and investigating!
- ▼ **Dropdown** now supports `id` in the same ways as other Input-elements (thanks for suggesting [@jan-ove.kjaerland](#)!)
- ▼ **Dropdown** now supports `size="max-content"` for automatic size based on content (thanks for suggesting [@henrik.lilleengen](#)!)
- ▼ **Dropdown** now scales height fluently based on font size just like other input elements
- ab cd **Table** now styles table body row headers (first `<th>` in a `<tbody><tr>`) and automatically reduces padding on mobile
- 📄 **Tabs/Segments** now supports opening correct tab also in server side rendering, as well as individually setting `tracking` on each tab (thanks [@daniel.mossestad](#)!)
- ⚠️ **Alerts** now has correct padding on desktop (thanks [@daniel.mossestad](#) and [@camilla.handberg](#)!)
- ⦿ **InputGroup** now has correct vertical spacing between items (thanks [@camilla.handberg](#)!)
- 🧭 **CoreNavigation** now exposes a CSS custom property `--nav-height` on `:root` for easier styling of i.e



Migration guide:

There's automatic upgrade-scripts, for tokens and more.

<https://www.gjensidige.builders/docs/core/?path=/docs/migrating-to-builders-core--about>



Form patterns

Have you explored the new addition to Builders Core? **Form patterns**

<https://www.gjensidige.builders/docs/core/?path=/docs/principles-forms--about>

Principles to guide you on:

- Information overload
- Short vs long forms
- Columns
- Input field and group styling
- Buttons in forms
- Questions vs information
- Grid, spacing and layout

And many excellent examples of Do's and Dont's



Does Piwik change anything?

No

(Since we use Telium/utag in front, your life and your code needs zero changes)



Deprecated libraries

Worth repeating: **Nothing** is deleted, unpublished or removed.

- "New" Builders Core is shipped as separate packages.
- No apps are forced to upgrade/migrate.
- Nothing existing/old breaks.
- You can migrate on a component-by-component basis.



Deprecated libraries



ESlint

Vebjørn was quick with a service-package with some quick rules.

<https://github.com/gjensidige/service/pull/485>

... or just go for bare defaults.



Grid

Early early thoughts, so early Builders don't want me to mention too much.



Deprecated libraries



Utils

Use tokens and migrate spacing to CSS instead.

- Put a `class` on the element instead
- replace each padding/margin util with the equivalent token in your SCSS/LESS
- use normal media queries to replace `md`, `sm`, etc
- app is now smaller and faster!

Some teams are looking at maybe trying **Tailwind** to ease the transition.



Astro 3.0

Speedy framework Astro is out with version 3: <https://astro.build/blog/astro-3/>

- Faster, smaller, smoother!
- View Transition API implemented!
- Better HMR
- Optimized build-output, images, rendering

Chrome Devtools 117

Worth checking out, lots of nice features. Like: override XHR-requests, see human readable status-codes, debug loading priorities, and more.

<https://developer.chrome.com/blog/new-in-devtools-117/>



FE News

Chrome turns 15

<https://blog.google/products/chrome/google-chrome-new-features-redesign-2023/>

Vite 5 ... soon

September marks the EOL for Node 16, which is the mark for when Vite-gang want to do version 5:

<https://github.com/vitejs/vite/discussions/12466>



FE News

Node-contender: Bun 1.0

Born this weekend!

New lightning fast runtime, build tool, bundler, package manager, and testing tool.

Can replace Node, npm, Yarn, pnpm, Vite and similar, and esbuild, webpack ++

<https://bun.sh/>



FE Inspiration

Small, not so new, but sometimes forgotten CSS-gems!



FE Inspiration

CSS: Margin Block Start

```
1  p {  
2    margin-block-start: 1rem;  
3  }  
4  
5  .my-block > * + * {  
6    margin-block-start: 1rem;  
7  }
```

<https://every-layout.dev/layouts/stack/>



FE Inspiration

CSS hyphen auto

Consider these two:

Hejsan, hvordan
går det?

Hejsan, hvor-
dan går det?

```
1 <html lang="da">
```

```
1 .longWordsButSmallSpace {  
2   hyphen: auto;  
3 }
```

https://caniuse.com/mdn-css_properties_hyphens_auto_value

Time for talks!

That's all for me, time for talks!



Katarina Matysova

Overview of Treatment insurance application, how a claim registration process looks like from a user perspective. Big code-base, contains a lot of technical debt, old dependencies and special conditions.

Peter Jezik

Give an overview of the application we are working on (GPluss), techstack, some challenges we faced. Currently not on NCI.

Pavol Repka

Share an example of new builders components and show how the changes helped developers life! With practical examples.