



PatternFly Community Meeting

Birthday edition

June 2, 2020

www.patternfly.org/v4

Agenda

Topics

- Celebrating PatternFly's birthday - Abi Donahue
- PatternFly major release - Evan Wilkinson
 - Accessibility update - Jessie Huff
 - React and Core updates - Titani Labaj and Michael Coker

What's coming up

- What we're working on next - Rachael Petrie

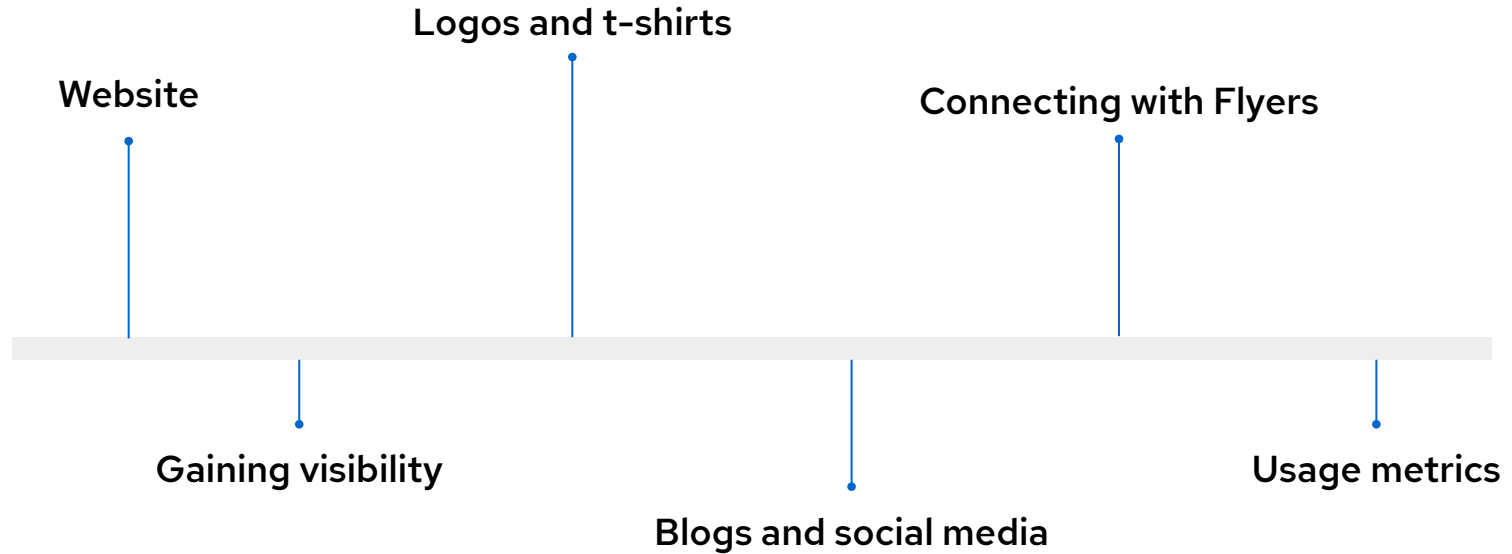
Q&A





Celebrating PatternFly's birthday

PatternFly's milestones



Happy 6th birthday, PatternFly



Abigail Donahue
May 19 · 8 min read



Photo by [Adi Goldstein](#) on [Unsplash](#)

A celebratory article
was published on
[PatternFly Medium.](#)



Website

Website

2014

- Maintaining product consistency
- Naming decision
- patternfly.org
- WordPress
- Bootstrap

2016

- Improved info architecture and navigation
- New pattern page design
- More content for an improved “getting started” experience
- Visual enhancements

2019

- No foundation of Bootstrap
- Consolidated on React
- PatternFly Design Kit
- Regular website enhancements, content improvements, accessibility audits



Gaining visibility

Gaining visibility

2015

Summit appearance
PatternFly on npm
Community meetings

2016

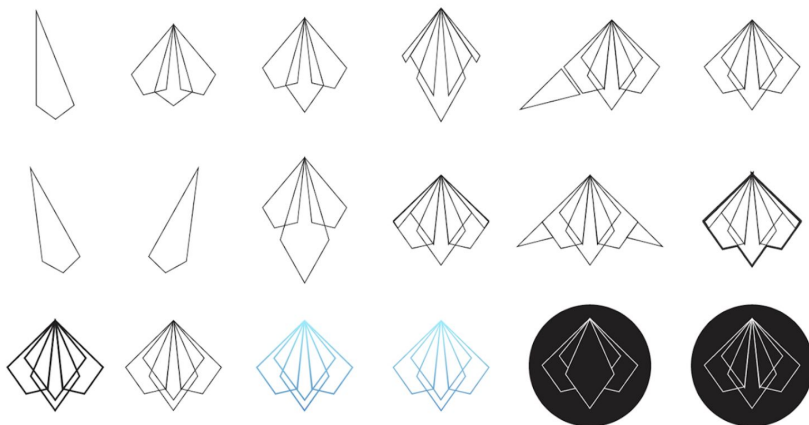
Recognized among Red Hat
communities at Summit

2017

A meeting room in Red
Hat's Madrid office named
"PatternFly"



Logos and t-shirts



“

When looking at logo concepts, I liked the idea of designing a mark which I thought mirrored the angular nature of the patterns we were creating. I also liked the idea of taking a flying insect like a bee or a butterfly and reimagining its shape as a simplified angular pattern.

– Kyle Baker, Senior Interaction Designer



First t-shirt designed in 2014



“

PatternFly was in its formative stages and we wanted to generate some buzz for it at Summit 2014, so we put together a tee using the new logo Kyle designed. The biggest challenge was getting the subtle gradient to print properly, but we were pleased with the results and the warm reception it received!

– Brian Dellascio, Principal Visual Designer





Designs through
the years
(Get yours from the
[Cool Stuff Store.](#))



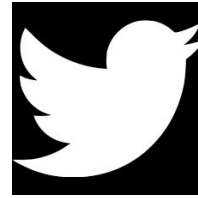
Blogs and social media

Blogs and social media



Medium

- Publication: PatternFly
- Blog



Twitter

- Handle: @patternfly_des
- Stream of regular information



Connecting with Flyers

Connecting with Flyers

Roadmap

In 2016, organized a PatternFly meet-up and a subsequent UXD-dev meet-up, which resulted in the delivery of the PatternFly roadmap

Slack

In 2016, started our PatternFly Slack workspace with 64 members (now have over 700 members)

Design kit

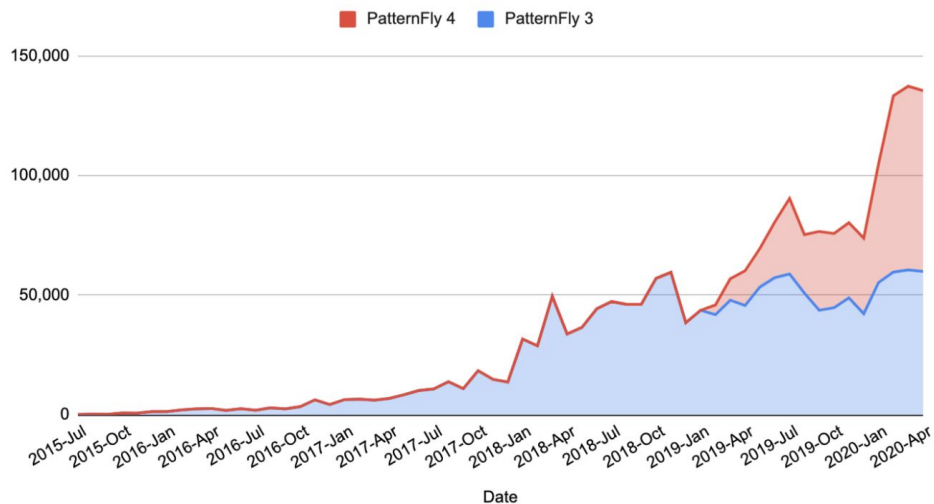
Design kit and designated GitHub repo provides Flyers with up-to-date patterns and information on the newest releases



Usage metrics

Usage through April 2020

PatternFly NPM Downloads



PatternFly CCS package downloads per year:

- 2014: 0 downloads
- 2015: 3,527 downloads
- 2016: 34,604 downloads
- 2017: 127,272 downloads
- 2018: 519,660 downloads
- 2019: 829,073 downloads

We're not even halfway through 2020 yet, and we're already at 510,968 downloads.



Thank you



PatternFly v4 Major Release

Communicating Changes

Release notes: TOC

- Detailed T.O.C. broken down by component/package for quick reference

Table of contents

- Global
 - Colors
 - Mobile first CSS
 - Vertical navigation hidden breakpoint
 - Removed "shield" CSS
 - Default font
 - Directory structure
 - Code changes
- Components
 - About modal box
 - Accordion

Table of contents

- Global
- React core
 - About modal
 - Accordion
 - Alert
 - Application launcher
 - Background image
 - Button
 - Card
 - Chip group



Release notes: Component examples

- Brief summary of each change
- Developer instructions on how to adopt change
- Link to PR with the change

Alert

- Changed default variant to `default` . To maintain current default behavior, set the `variant` property to `info` . ([#3903](#)).
- If you were previously using the `action` prop for the close button, use the `actionClose` prop instead ([#4190](#))
- If you were previously using the `action` prop for a link button, use the `actionLinks` prop instead ([#4190](#))

Application launcher

- Removed deprecated prop `dropdownItems` . the prop `items` should be used instead ([#3929](#))



How can we help?

PF-Codemods: Documentation

- Quick summary of the changes
- Link to original PR
- Before/after examples showing how codemod will update the code

alert-new-action (#4190)

We've replaced the `action` prop with `actionClose` or `actionLinks` for better styling.

Examples

In:

```
<Alert action={<AlertActionCloseButton>Close</AlertActionCloseButton>} />  
<Alert action={<SomethingThatIncludesLink>Close</SomethingThatIncludesLink>} />
```

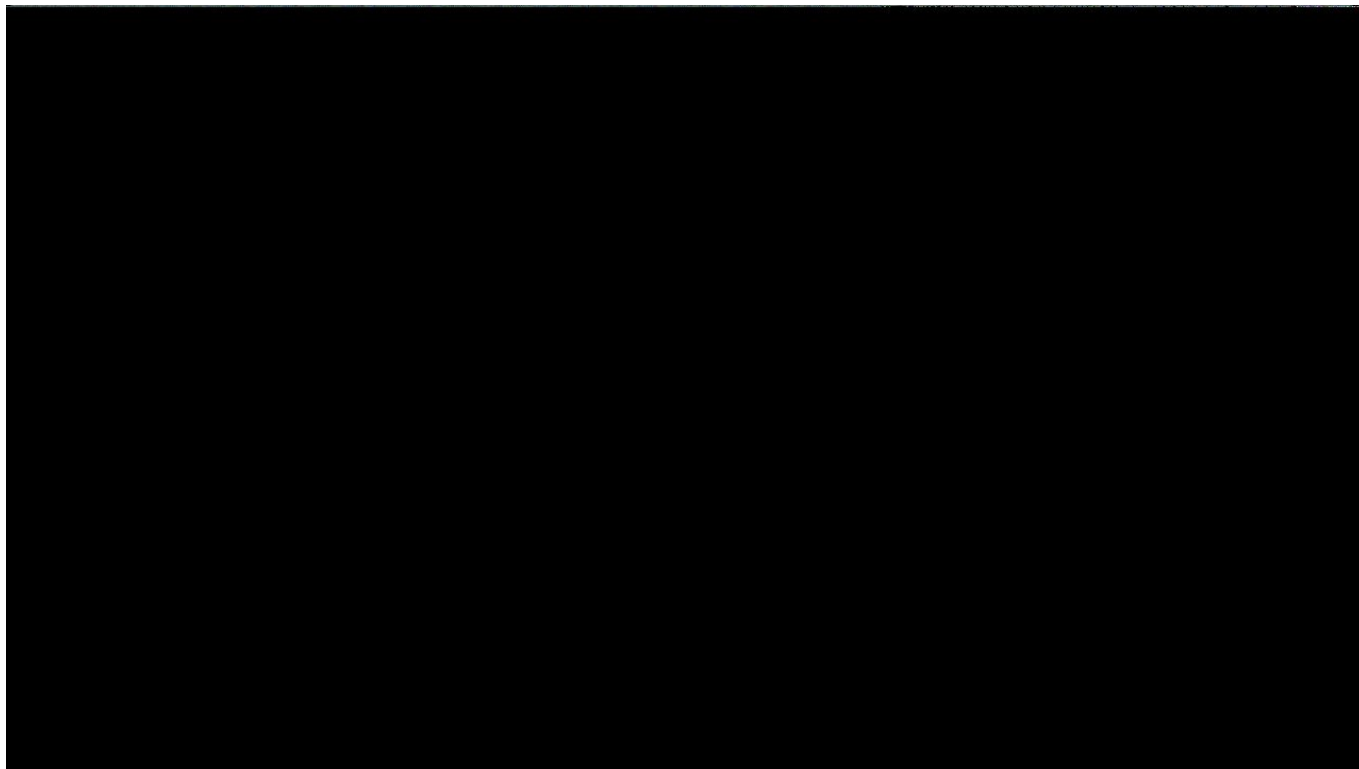
Out:

```
<Alert actionClose={<AlertActionCloseButton>Close</AlertActionCloseButton>} />  
<Alert actionLinks={<AlertActionLink>Close</AlertActionLink>} />
```



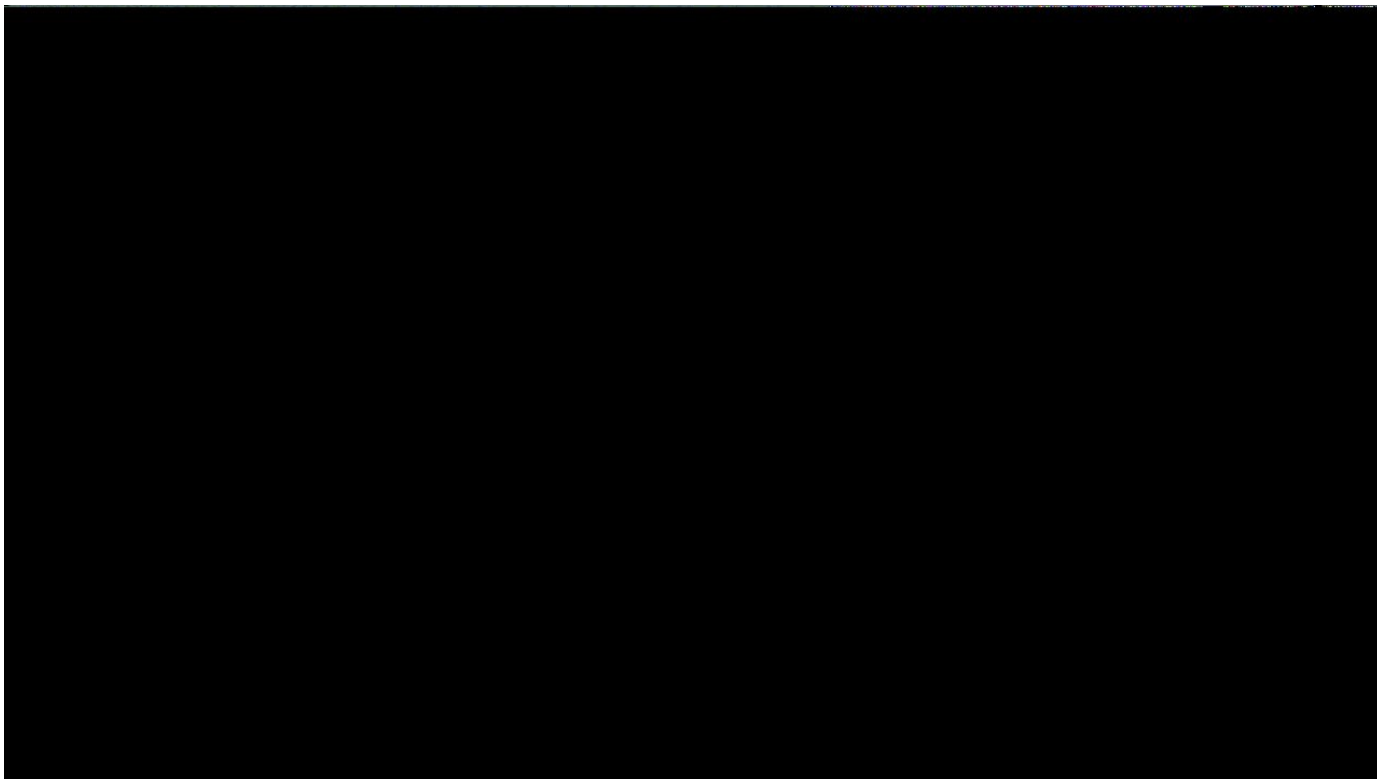
PF-Codemods: Usage

```
npx pf-codemods ./path-to-src
```



PF-Codemods: Usage

```
npx pf-codemods ./path-to-src --fix
```



Thank you

<https://medium.com/patternfly/patternflys-major-release-everything-you-need-to-know-1f9e50be81e8>



PatternFly Accessibility update

[Latest PatternFly A11Y Audit](#)

Accessibility Updates: clean up and flexibility

- **Accessibility clean up:**
 - [Aria naming consistencies](#)
 - Aligned the aria-related prop names to use a naming convention of a human readable label for the element conjoined with the attribute name you're setting. For example, `closeButtonAriaLabel` - for these cases, the exact prop names are dependent on the component in question.
 - [Drawer attributes](#)- cleaned up aria attributes
 - [Removed outdated/deprecated attributes](#) (such as `rememberMeAriaLabel`)
- [Removed problematic default headingLevel](#)
 - When you have a default h1 heading level, a user can easily have an accessibility issue- using multiple h1s on a page so SR users can't determine the structure of the page easily
- Set ability [customizable label](#) to About Modal close button for increased flexibility



Accessibility Updates: components

- [Chip group refactor](#): improved structure and screen reader experience- nested chips sound better in screen reader
- [Modal updates](#)
 - Updated attributes to improve screen reader experience
 - Set up for cases where users are supplying their own header or modal content but haven't supplied an accessible name for them
 - Tries to build in flexibility by making props optional while also warning you if you haven't provided an accessible name that will cause a11y errors
- [Progress component update](#): wasn't reading in screen reader, needed tweaks to the a11y structure/attributes
- Ensured that [tooltip examples](#) were keyboard accessible





PatternFly React update

Design Changes

- Accordion: Removed ability to disable box shadow
- Button:
 - Allow icon to be used in any variant.
 - Allow text/icons to be placed on either side of one another
- Card: Support flat variation
- Chip Group: Updated to supports new design improve the API
- Dropdown:
 - Added support for adding an image to toggle
 - Added support to `DropdownItem` component for displaying non-interactive text as plain text
- Divider: Added vertical variation
- Empty State: Added full height support



Design Changes (cont.)

- Form:
 - Added support for form label icon.
 - Added support for adding an Icon to FormHelperText
- Label: refactor for updated design and features including support for
 - Changing color
 - Adding an icon to the label
 - Closing the label
 - Filled or outlined variants
- Nav: `variant` prop has been moved from `NavList` to `Nav`.
- Tab: Added `TabTitleText` and `TabTitleIcon` wrapper for proper styling in the Tab
- Table:
 - Added `TableText` component to help display text better in Grid layouts.
 - Adds new decorators (`nowrap`, `truncate`, `fitContent`, `breakWord`) that can be passed to `transforms` and `cellTransforms`.



API Improvements

- **Alert:** `action` prop was removed and two new props added. `actionClose` for the close button and `actionLinks` for one or more link buttons.
- **Gutter:** Fixed type for gutter support in layout components.
- **Modal:**
 - Rename `noPadding` prop to `hasNoBodyWrapper`
 - Remove `hideTitle` prop. `title` prop is now optional
- **Tab:**
 - Changed prop `variant` to `component`.
 - Changed `TabVariant` enum Name to `TabComponent`.
- **Wizard:**
 - Remove `inPage` prop. By default the Wizard will be displayed in page, filling its parent container.
 - `isOpen` prop will displayed wizard in a modal.
 - Updated string props to be React nodes



Default behaviour updates

- Alert: Changed default alert `variant` to `default`
- Empty State: Changed the default width to `full` instead of `large`
- Modal: Align actions to left by default
- Popover: Updated default popover header size to `medium`



Clean up

- Application launcher: Removed the deprecated prop `dropdownItems`
- Empty State Icon:
 - Removed unused props `title` and `size`
 - Variant `small` has been updated to `sm`
 - Variant `large` has been updated to `lg`
- Modal: Collapses the `isLarge` and `isSmall` properties into a single `variant` property.
- Select: Change `isExpanded` to `isOpen`
- Table: Change type of `onSelect` in Table from `(event: React.ChangeEvent<HTMLInputElement>) => void` to `(event: React.FormEvent<HTMLInputElement>) => void`
- Wizard Nav: Removed prop `isCompactNav` . This prop is no longer used.
- TextInput, TextArea, FormGroup and FormSelect: Removed `isValid` prop, `validated` prop should be used instead.
- Removed experimental exports
- Resolved Typescript errors in integration app



Refactoring

- Renamed `Toolbar Layout` to `PageHeaderTools` and Renamed `DataToolbar` to `Toolbar`.
- `react-styles`: Removed `emotion` and `fixed` types





PatternFly Core update

Table - improved content/layout tools

- Text wraps less aggressively by default
- Enable aggressive wrapping for cells with long strings (ie, URLs)
- Table header cell truncates by default
- Enable body cell text truncation
- Disable text wrapping entirely
- Have text fit itself to the existing space instead of expanding it



Truncate (width ...	Break word	Wrapping table header text. This text will wrap instead of truncate.	Fit content	
This text will tr...	http://thisisaverylongurlthatneedstobreakusethebreakwordmodifier.org	By default, theadcells will truncate and tbodycells will wrap. Use .pf-m-wrap on a th to change its behavior.	This cell's content will adjust itself to the parent th width. This modifier only affects table layouts.	No wrap no wrap no wrap
Repository 1	10	25	5	2 days ago
Repository 1	10	25	5	2 days ago



Vertical navigation

- Navigation now hides at 1200px viewport width instead of 768px
 - Allows for more consistent layout of elements in the main section before and after the vertical navigation is hidden
- Now dark theme by default
 - A light theme variation is now available for users who prefer a light theme
- New and improved design



768px

Components

- Forms
- Table
- Data list
- Icons
- Layouts
- List
- Patterns
- Typography
- Icons
- Colors

John Smith

Nav Item 1 Nav Item 2 Nav Item 3 Nav Item 4

Table demos

Below is an example of a Table.

Repository name	Branches	Pull requests	Workspaces	Last commit
Node 1 siemur/test-space	10	25	5	2 days ago
Node 2 siemur/test-space	8	30	2	2 days ago
Node 3 siemur/test-space	12	48	13	30 days ago
Node 4 siemur/test-space	3	8	20	8 days ago
Node 5 siemur/test-space	34	21	26	2 days ago

1200px

Components

- Forms
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John Smith

Nav Item 1 Nav Item 2 Nav Item 3 Nav Item 4 Nav Item 5

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HTML - Page expandable nav

https://pf4.patternfly.org/documentation/core/demos/page/expandable-nav

PATTERNFLY John Smith

System panel

- Overview
- Resource usage
- Hypervisors
- Instances
- Volumes
- Networks

Policy

Authentication

Section home > Section title > Section title > Section landing

Main title

This is a demo of the Page component.

This is a card

This is a card

This is a card

This is a card

This is a card

This is a card



This is a card



This is a card

This is a card






Label - improved design and features

Grey  Grey icon Grey removable ×  Grey icon removable × Grey link Grey link removable ×



Blue  Blue icon Blue removable ×  Blue icon removable × Blue link Blue link removable ×

Green  Green icon Green removable ×  Green icon removable × Green link Green link removable ×

Orange  Orange icon Orange removable ×  Orange icon removable × Orange link Orange link removable ×

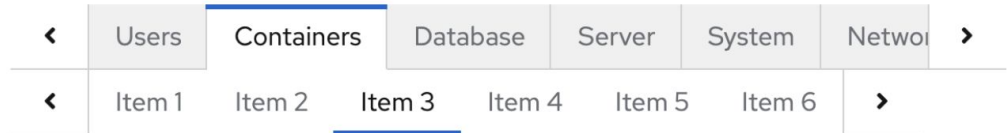
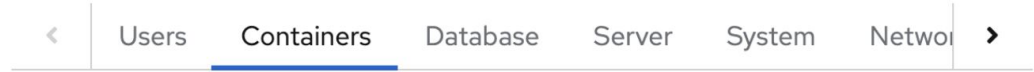
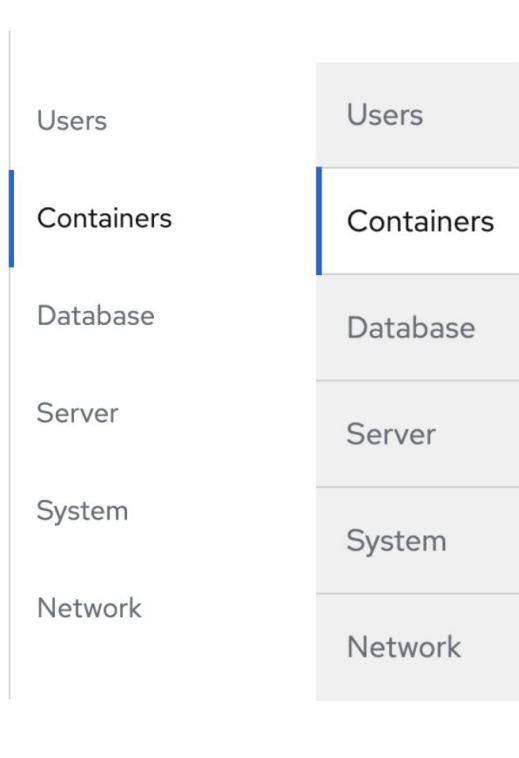
Red  Red icon Red removable ×  Red icon removable × Red link Red link removable ×

Purple  Purple icon Purple removable ×  Purple icon removable × Purple link Purple link removable ×



Cyan  Cyan icon Cyan removable ×  Cyan icon removable × Cyan link Cyan link removable ×



Tabs - improved design and scroll UX





Alert - improved design and layout

 **Success alert title** 

Success alert description. This should tell the user more information about the alert.

[View details](#) [Ignore](#)

 **Success alert title** 

Success alert description. This should tell the user more information about the alert.

[View details](#) [Ignore](#)



Plus a lot more!

- More compact spacing (less whitespace)
- Improved use of borders & drop-shadows
- Adopt use of a single font
 - RedHatText is used throughout
- Improved SCSS directory/file structure
- Improved color accessibility
- More consistent element and variable names
- Cleaned up old, unused CSS - declarations, variables, etc
- And more!!!



What we're working on next

- [Link to roadmap](#)
 - [Date and time picker](#)
 - [Inline edit - dropdown](#)
 - [Update demo w/ masthead hover](#)
 - [Banner](#)





Q&A