



PatternFly Community Meeting

March 24, 2020

www.patternfly.org/v4

Agenda

Topics

- New features and enhancements - Titani Labaj, Katie McFaul, Mike Turley, and Joachim Schuler
- Upcoming major release highlights - Dana Gutride
- PatternFly content enhancements: Website homepage improvements - Abi Donahue
- Updates to PF styles information - Gina Doyle
- Drop shadow and spacing reduction - Lucia Boehling

What's coming up

- What we're working on next - Rachael

Q&A



New features and enhancements

- [Card](#), [Chip group](#) enhancements - Titani
- [Data List](#), [Modal](#), and [Select](#) enhancements - Katie McFaul
- [File Upload](#) - Mike Turley
- [PF Snippet Extension](#) - Joachim Schuler





Topics



Major release highlights

Major release information

Releases

- Releases are still done with each commit to the v4 branch on both patternfly and patternfly-react. At the end of the major release work (across these three milestones) - we will promote the versions

Testing

- Feedback is welcome (and encouraged) - we will be testing once per milestone within product
- Use the prerelease-v4 tag
 - Core: `npm install @patternfly/patternfly@prerelease-v4`
 - React: `npm install @patternfly/react-core@prerelease-v4`

Impact notes:

- Each PR includes information about breaking changes which can be extracted
 - <https://github.com/patternfly/patternfly-react/pull/3924>
- [Example of notes for developers](#)





PatternFly content enhancements: Homepage

What have we done so far with content?

- Medium
- Twitter
- GitHub documentation
- PatternFly homepage



Medium

- 19 articles
- Surpassed 70 followers
- Engineering, UX research, UX design, UX development, content strategy

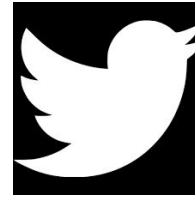


Medium and Twitter are better together.



Medium

- [Publication: PatternFly](#)
- Reaching a wider audience due to Twitter



Twitter

- [Handle: @patternfly_des](#)
- Increasing engagement due to Medium



GitHub

- Focus on delivering information
- Create new content structure
- Apply to React repo's main
README file



Project title

Brief description

- PatternFly website
- Slack
- Medium
- Email

Community

Table of contents

Only for the main README file in the repo

Links to other README files

- Requirements
- Installation
- Usage

Setup

- How to become a contributor
- Contributing to the repo

Contribution guidelines

License



PatternFly homepage

The What, Why, and How

What?

- Main page on patternfly.org
- Introduce people to PatternFly

Why?

- Reflect our brand identity
- Connect with people
- Effectively communicate what PatternFly is all about

How?

- PatternFly voice traits
- First stab at rewriting
- First round of reviewals
- Final reviewals and launch





Style

- Short sentences
- Plain language
- Familiar words





Voice

- Warm
- Welcoming
- Engaging
- Innovative





Tone

- Casual
- Informative



Stay tuned.



PatternFly site: Colors and Icons page redesigns

Why redesign them?

Colors page

- Doesn't display our full color palette
- Missing other important groups of colors (backgrounds, icons, etc.)
- Doesn't do a great job of connecting the colors to components
- Little information about how these global color variables are used within the whole variable system

Icons page

- Not an accurate representation of the PatternFly icon set (missing many and also displays many that are not in use)
- Missing all FontAwesome icons
- Does not match what is offered in the Sketch design kit
- No guidance on icon sizes or colors
- No usage guidance



Colors page [Marvel project](#)

What will you gain?

- Groupings of colors based on variables and how they are used within components
- Specifics per each color swatch including variable names, hex value, information about where that color is used
- See the whole color palette and for each color, get the palette color name, hex value and all variables associated with that color

The screenshot displays the 'Colors' page for the Marvel project, organized into several sections:

- Colors** (Main header)
- Primary** (Navigation tabs)
- Primary colors**
 - PatternFly blue**
 - Primary colors are the colors displayed most frequently across your application screens and components. Our primary colors are used within a variety of components and are typically applied to default or active states and hover states.
 - Default: `--pf-global-primary-color-100` (Hex: #0070C0)
 - Hover: `--pf-global-primary-color-200` (Hex: #005596)
- Typography and iconography colors**
 - Text and icons**
 - Typography and iconography colors are extremely similar and should be since they are both used in the same context (i.e. a link button). We have multiple shades of text on light and dark backgrounds to be able to emphasize hierarchy.
 - Variables: `--pf-global-color-100` (Hex: #151515), `--pf-global-color-200` (Hex: #8A6E73), `--pf-global-color` (Hex: #0066CC), `--pf-global-link-color` (Hex: #0070C0)

- Color palette** (Main content area)
- Grey family**: white (#FFFFFF), black-100 (#FAFAFA), black-150 (#F5F5F5), black-200 (#F0F0F0), black-300 (#D2D2D2), black-400 (#888888), black-500 (#666666), black-600 (#444444), black-700 (#333333), black-800 (#212121), black-900 (#151515), black-1000 (#030303)
- Blue family**: blue-050 (#DEF3FF), blue-100 (#BEEF4), blue-200 (#73BCF7), blue-300 (#39A9F3), blue-400 (#0096CC), blue-500 (#00A080), blue-600 (#00A368), blue-700 (#002226)
- Shadows**: box shadow lg, box shadow md, box shadow sm
- Green family**: green-100 (#B0E388), green-200 (#90D98E), green-300 (#8EC664), green-400 (#8BA332), green-500 (#3E9E30), green-600 (#E4F83E), green-700 (#0F2800)
- Cyan family**: cyan-100 (#A2D9D9), cyan-200 (#73C5C5), cyan-300 (#009686), cyan-400 (#009F60), cyan-500 (#003737), cyan-600 (#003D44), cyan-700 (#001F22)
- Purple family**: purple-100 (#CBCFFF), purple-200 (#8DA3FF), purple-300 (#81BFFF), purple-400 (#847DD1), purple-500 (#073AC), purple-600 (#40199A), purple-700 (#F066)
- Light blue family**: light-blue-100 (#BEEDF9)
- Gold family**: gold-100 (#F9EDA2)
- Light green family**: light-green-100 (#E4F8BC)


Icons page [Marvel project](#)

What will you gain?

- All icons sizes with corresponding variables
- Usage guidelines for those sizes with those icons in context
- Icon colors (actually on the colors page)
- Ability to download the whole icon library as SVGs as well as the PF icon font
- Ability to get an HTML or React code snippet for an individual icon
- Ability to download a single PF icon
- Table listing icons, icon names, icon styles and type, react names and contextual usage

Icons

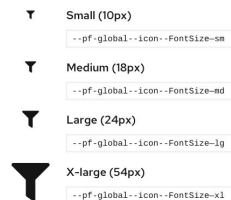
If you're a developer, check out our [getting started](#) page to learn more about how to get and use our icon set.

Icon sizes

Icons always live in a 24x24 box so they align with our text line height and have an accessible focus radius. This means that icons will take up a minimum of 24px space.

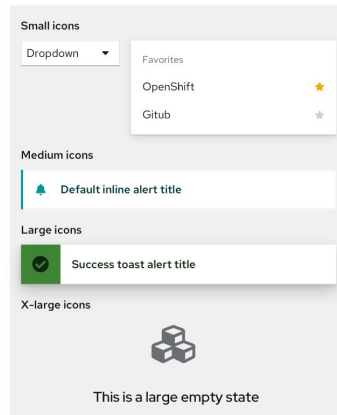


Medium icons are used as our base size across our system as a whole and we recommend using this base size within your applications. Small, large and x-large icons are used sparingly across PatternFly components. Here is a full complete list of icon sizes:



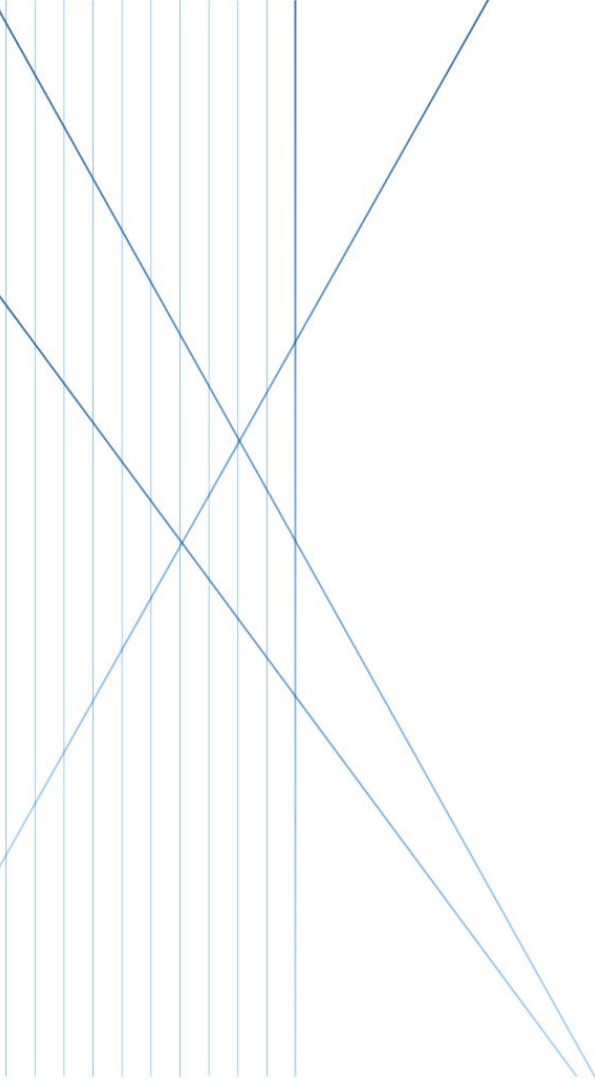
Icon colors

Visit our [colors page](#) to learn more about icon colors.



Icon	Name ↓	Style	Type	React	Contextual usage
◀	fa-angle-double-left	fas	Framework	AngleDoubleLeftIcon	Used to navigate to the first page of a multi-page data set
▶	fa-angle-double-right	fas	Framework	AngleDoubleRightIcon	Used to navigate to the last page of a multi-page data set
▼	fa-angle-down	fas	Framework	AngleDownIcon	Use for any expandable element, e.g. accordions, progressive disclosure, or expandable lists, to indicate that the element is currently expanded. Clicking will hide or collapse the element. Can also be used to expose full content when content is truncated
⬇	fa-arrow-circle-down	fas	Status	ArrowCircleDownIcon	An object is down, e.g. "VM is down"
⬆	fa-arrow-circle-up	fas	Status	ArrowCircleUpIcon	An object is up, e.g. "VM is up"
⌄	fa-arrow-alt-v	fas	Framework	ArrowsAltVIcon	Indicates a sorting function is available in a table header
⚖	fa-balance-scale	fas	Status	BalanceScaleIcon	x needs rebalancing
⊘	fa-ban	fas	Status	BanIcon	Used when objects are in a cancelled, terminated, or otherwise not ready or disabled state
☰	fa-bars	fas	Action	BarsIcon	Indicates the presence of a collapsible menu
🔔	fa-bell	fas	Status	BellIcon	Used in masthead for Notification Drawer alerts/notifications. Alternatively, indicates that an alert is currently firing
🔔	fa-bell	far	Status	OutlinedBellIcon	Alert will fire soon





Reducing white space
and drop shadows
across the PF library

Why?

White space

In some areas of the system we have too much white space. This decision was initially made to align with RH Brand's ample use of white space to symbolize the open nature of our culture and products. While this works well in a marketing context, it doesn't translate well to product use and ends up wasting space that could be used for greater information density.

We want to use negative/white space in a way that allows the content to have a clearer hierarchy and better readability and to avoid adding white space for the sake of adding white space.

Drop shadows

Over-reliance on drop shadows can lead to things feeling a bit messy or outdated, and can often lead to a confusing hierarchy of page content. We also had some inconsistencies between the values that existed in the sketch library and in core.

We want to tighten up and refine our shadow values and make sure that their usage within components/page layouts is pragmatic and intentional.

Drop shadows should be used to **put emphasis** on an object and/or **to show the elevation/hierarchy** of the components on a page.



What's changing?

White space

- Editing down the white space across components.
- Components with tighter spacing will become the new standard for product use.
- Some components will retain two spacing variations. The one with more spacing will now be an opt-in.

List of all spacing changes and mocks of updates:

<https://marvelapp.com/dge08b4/screen/66855517>

Drop shadows

- Updated values for current shadow variables
- Introducing new “XL” drop shadow for modal and wizard
- Replacing drop shadow treatment with border lines in components where a change in elevation is not necessary (i.e. components that expand inline with content: drawers, copy to clipboard, expandable data list/table rows...)

List of all shadow changes and mocks of updates:

<https://marvelapp.com/6029867/screen/67313592>





System panel

Policy

Network services

Server

[Tertiary nav item 1](#)
[Tertiary nav item 2](#)
[Tertiary nav item 3](#)
[Tertiary nav item 4](#)
[Tertiary nav item 5](#)

[Section home](#) >
 [Section title](#) >
 [Section title](#) >
 [Section landing](#)

Main title

Body text should be Red Hat Text Regular at 16px. It should have leading of 24px because of its relative line height of 1.5.

<input type="text" value="Name"/> ▾ <input type="checkbox"/>	Action	Action	⋮	1 - 10 of 37 ▾
<input type="checkbox"/>	Repositories	Branches	Pull requests	Workspaces
<input type="checkbox"/>	Node 1 siemur/test-space	10	25	5 Action link
<input type="checkbox"/>	Node 2 siemur/test-space	8	30	2 Action link
<input type="checkbox"/>	Node 3 siemur/test-space	12	48	13 Action link
<input type="checkbox"/>	Node 4 siemur/test-space	3	8	20 Action link
<input type="checkbox"/>	Node 5 siemur/test-space	34	21	26 Action link

Node 2 ✕

[siemur/test-space](#)

[Overview](#)

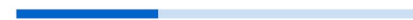
[Activity](#)

The content of the drawer really is up to you. It could have form fields, definition lists, text lists, labels, charts, progress bars, etc. Spacing recommended is 24 px margins. You can put tabs in here, and can also make the drawer scrollable.

Title 35%



Title 35%



Tags

Tag 1
Different tag 1
Another different tag 1

Another different tag 2
Different than tag 1 or 2





System panel

Policy

Network services

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Tertiary nav item 1 Tertiary nav item 2 Tertiary nav item 3 Tertiary nav item 4 Tertiary nav item 5

Section home > Section title > Section title > Section landing

Main title

Body text should be Red Hat Text Regular at 16px. It should have leading of 24px because of its relative line height of 1.5.

<input type="checkbox"/>	Name	Action	Action		1 - 10 of 37
<input type="checkbox"/>	Repositories	Branches	Pull requests	Workspaces	
<input type="checkbox"/>	Node 1 siemur/test-space	🔗 10	🔗 25	📦 5	Action link
<input type="checkbox"/>	Node 2 siemur/test-space	🔗 8	🔗 30	📦 2	Action link
<input type="checkbox"/>	Node 3 siemur/test-space	🔗 12	🔗 48	📦 13	Action link
<input type="checkbox"/>	Node 4 siemur/test-space	🔗 3	🔗 8	📦 20	Action link
<input type="checkbox"/>	Node 5 siemur/test-space	🔗 34	🔗 21	📦 26	Action link
<input type="checkbox"/>	Node 3 siemur/test-space	🔗 12	🔗 48	📦 13	Action link
<input type="checkbox"/>	Node 4 siemur/test-space	🔗 3	🔗 8	📦 20	Action link
<input type="checkbox"/>	Node 5 siemur/test-space	🔗 34	🔗 21	📦 26	Action link
<input type="checkbox"/>	Node 5 siemur/test-space	🔗 34	🔗 21	📦 26	Action link

Node 2 ✕

[siemur/test-space](#)

[Overview](#) [Activity](#)

The content of the drawer really is up to you. It could have form fields, definition lists, text lists, labels, charts, progress bars, etc. Spacing recommended is 24 px margins. You can put tabs in here, and can also make the drawer scrollable.

Title 35%

Title 35%

Tags

[Tag 1](#) [Different tag 1](#) [Another different tag 1](#)

[Another different tag 2](#) [Different than tag 1 or 2](#)



System panel

Policy

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Tertiary nav item 1 Tertiary nav item 2 Tertiary nav item 3 Tertiary nav item 4

Section home > Section title > Section title > Section landing

Notification cards with bell icons and titles.

Main title

Body text should be Red Hat Text Regular at 16px. It should have leading of 24px because of its relative line height of 1.5.

Popover Title Popover content goes in this text area right here.

Table with 5 rows and 5 columns: checkbox, Node name, icon, code icon, and Action link.

Node 2 sidebar with Overview and Activity tabs, progress bars, and tags.





System panel

Policy

Network services

Server

Tertiary nav item 1 Tertiary nav item 2 Tertiary nav item 3 Tertiary nav item 4

Section home > Section title > Section title > Section landing

Title

Title

Main title

Body text should be Red Hat Text Regular at 16px. It should have leading of 24px because of its relative line height of 1.5.

Popover title	on	Action	1 - 10 of 37		
Popover content goes in this text area right here.	hes		Pull requests	Workspaces	
<input type="checkbox"/>	Node 1	10	25	5	Action link
	Node 2	8	30	2	Action link
	Node 3	12	48	13	Action link
	Node 4	3	8	20	Action link
	Node 5	34	21	26	Action link
	Node 3	12	48	13	Action link
	Node 4	3	8	20	Action link
	Node 5	34	21	26	Action link
	Node 5	34	21	26	Action link

Node 2

[siemur/test-space](#)

- Overview
- Activity

The content of the drawer really is up to you. It could have form fields, definition lists, text lists, labels, charts, progress bars, etc. Spacing recommended is 24 px margins. You can put tabs in here, and can also make the drawer scrollable.

Title 35%

Title 35%

Tags

Tag 1

Different tag 1

Another different tag 1

Another different tag 2

Different than tag 1 or 2



Full specs

White space

List of all spacing changes and mocks of updates:

<https://marvelapp.com/dge08b4/screen/66855517>

Drop shadows

List of all shadow changes and mocks of updates:

<https://marvelapp.com/6029867/screen/67313592>





What's coming up

What we're working on next

- [Card View](#)
 - [Table column management demo](#)
 - Enhancements to [Drawer](#) and [Data List](#)
 - [Breaking changes](#)
-
- See our current milestone in progress [here](#).





Q&A