



PatternFly Community Meeting

Jan 31st, 2023

www.patternfly.org/v4

PatternFly community meeting privacy notice

- Please note: meetings are recorded and made publicly available on YouTube.
- You are welcome to keep your camera off and/or [change your display name](#) if you would like to maintain more privacy while on the call.
- Recordings are posted without any attendee or presenter names in the video descriptions.
- Presenters will be introduced using their display name on the call. You are welcome to verbally further identify yourself when presenting if you are comfortable.
- If any attendee wishes the video to be removed from public availability from YouTube for any reason, at any time, please let me know and it will be made private or removed immediately.



Agenda

Topics

- Community topics - Nicole
 - Extension-seed
 - What format of modules do you need for your JS imports?
 - Accessibility scorecard
 - Major release timeline and plan
 - Code mods - Dallas
- Latest release notes links - Nicole
- PatternFly Research update - Ivan
- Extension of the month! Topology - Jenny
- Beta component breaking changes preview - Nicole
- General updates - Titani

Q&A





Community updates



Community updates

- Extension-seed
- What format of modules do you need for your JS imports? We currently distribute ESM, UMD, UMD modules, and CommonJS. We don't want to be shipping more than we need to.



Community updates

- Accessibility scorecard effort ([template](#))
 - UXD's goals:
 - Fill this out for every red hat web based product
 - Raise awareness of a11y compliance
 - Improve our product experiences and quality
 - [Patternfly.org's scorecard](#) as an example
- Latest PatternFly/UXD medium articles:
 - [DOMinate your Accessibility](#)
 - [PatternFly 2022 Recap](#)
 - [A new coat of paint for PatternFly's components](#)
- Update on [v5 major release timeline](#)
 - We are officially all hands on deck for PF v5, tested in May and released in June 2023
 - Alpha testing & Code mods...



PF v5 Alpha testing

- If you are interested in testing v5, you can check the alpha versions in the react-docs package.json file of our p5 branch
 - <https://github.com/patternfly/patternfly-react/blob/v5/packages/react-docs/package.json>
- You could also use ncu to get the latest alpha versions using this command:
 - `npx npm-check-updates -t @alpha -f '/^@patternfly/'`
- To report issues or ask questions, please feel free to reach out on patternfly.slack.com
- Although the alpha versions will likely have breaking changes that we don't yet have codemods for, we recommend running the codemods when testing alpha versions to both help your transition and to identify any possible issues.



Code mods

- We are developing codemods to go along with the breaking changes in PF v5
- Anyone can run these on their code at any time with `npx pf-codemods ./src`, here is what it looks like running the codemods we have so far on the PatternFly React code

```
dnicol@dnicol-mac patternfly-react % npx pf-codemods ./packages/react-core/src

/Users/dnicol/code/patternfly-react/packages/react-core/src/components/Card/examples/CardExpandableWithIcon.tsx
  2:1  error  add missing imports CardTitle, CardHeaderMain from @patternfly/react-core  pf-codemods/card-rename-components
 56:8  error  CardHeader renamed to CardTitle                                           pf-codemods/card-rename-components
 82:9  error  CardHeader renamed to CardTitle                                           pf-codemods/card-rename-components

/Users/dnicol/code/patternfly-react/packages/react-core/src/demos/examples/Tabs/NestedUnindentedTabs.tsx
  2:1  error  add missing imports TabTitleIcon from @patternfly/react-core              pf-codemods/tab-title-text
 36:11 error  size {TitleSizes.lg} has been removed for Title. Use size=md|lg|xl|2xl|3xl|4xl instead  pf-codemods/title-size

/Users/dnicol/code/patternfly-react/packages/react-core/src/demos/examples/Tabs/TabsAndTable.tsx
  3:1  error  add missing imports TabTitleIcon from @patternfly/react-core              pf-codemods/tab-title-text
 153:9 error  breakpoint prop on ToolbarToggleGroup removed in favor of show={{ xl: 'show' }}  pf-codemods/refactor-breakpointmods

* 80 problems (73 errors, 7 warnings)
 73 errors and 0 warnings potentially fixable with the `--fix` option.
```

- Adding the `--fix` flag will automatically make changes to your code for simple issues like renaming a property/component. Some issues may have to be fixed manually and some warnings are just to let you know of changes that may or may not require a fix (like the default value for an aria-label changing)





PatternFly release updates



Latest Release Notes - Milestone 2022.16 & 2023.01

- Milestone 2022.16
 - [Release highlights](#)
 - [React release notes](#)
 - [Core release notes](#)
- Milestone 2023.01
 -





PatternFly/UXD Research update



Research updates

- Completed projects *(Note: links only accessible for Red Hat employees)*
 - CY 2022
 - PF Website - [IA Interviews](#) (n=10; March)
 - PF New Offering - [Lo/Hi Wireframe Library Interviews](#) (n=7; May)
 - PF Website - [Tree Test 1](#) (n=18; May)
 - PF Website - [Tree Test 2](#) (n=21; June)
 - PF Visual Design - [Prototype Brand Alignment, Usability, and Preference Survey](#) (n=341; August)
 - CY 2023
 - PF Process - [Release Planning Survey](#) (n=20; Jan)
- In progress
 - PF Visual Design - Theming Preference and Product Use Context Survey (n=451; Feb)
- Backlog
 - PatternFly User Engagement Program (TBD - Feb/March Launch)



PF Release Survey Summary



Goal: Patternfly has not gone through a major release over the last 2 years. There is concern that without a more predictable and accepted schedule, adoption of future changes will be more challenging.

- That said, the PF team was interested in understanding the optimal cadence for future releases of Patternfly, for both major and other releases (i.e. security, minor, patches etc.)



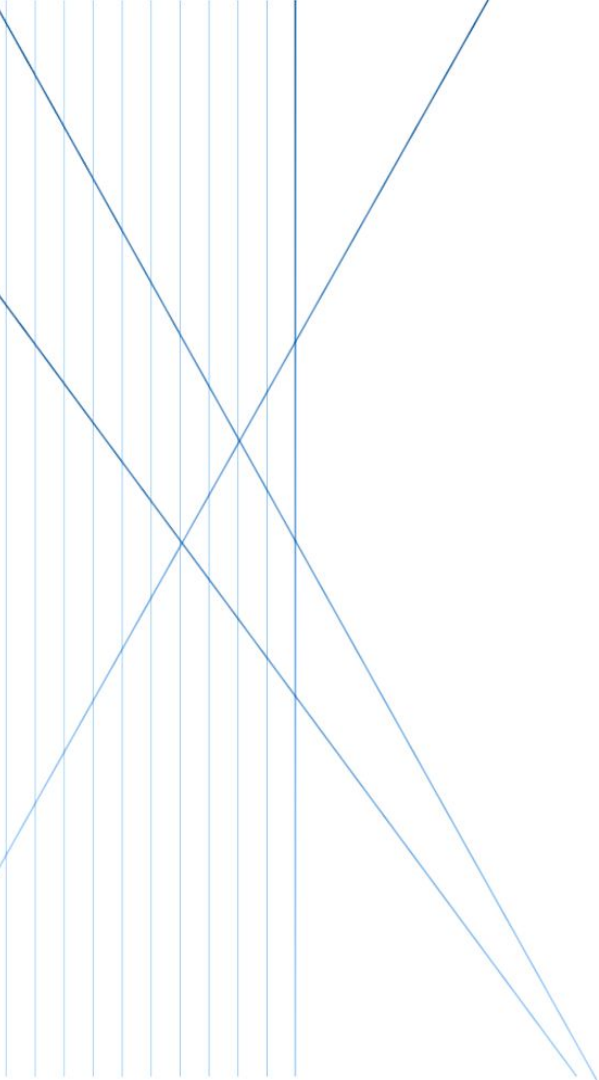
Method: Survey (20 full responses)



Key Findings:

- 1. The cadences respondents preferred generally lined up with the PF team's current and planned cadences.**
 - a. The majority (60%) of respondents want the PF team to present major releases once a year. For minor releases, once every few weeks the most popular cadence (40%), and as often as needed for patches (80%)
- 2. There was a mix of levels of PF release adoption; Given the current cadence line up with respondent preferences, this suggests that factors other than PF release cadence are affecting adoption.**
 - a. Some factors mentioned that could affect adoption of releases included quality of documentation, collaboration with product teams, breaking changes, timing with respect to summit, etc.
- 3. Respondents rated documentation/upgrade guides as the most important resource for them with respect to the adoption of PF releases (2.6 out of 3 ; 0 being not at all & 3 being very important).**
 - a. "Code Mods" and "PatternFly Staff" had a similar average importance rating of 1.8 and 1.6 respectively.
 - b. Multiple pain points and opportunities were identified with respect to supporting documentation.



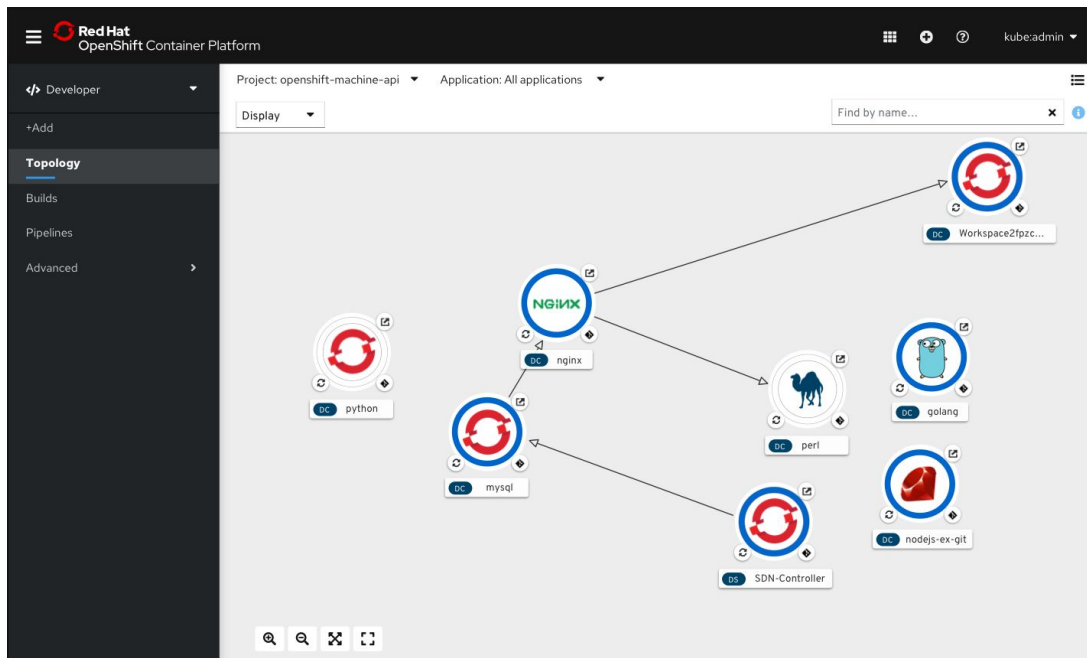


Extension of the month: Topology



What is Topology and why is it so powerful?

- The Topology view provides a visual representation of all the applications within a project, their build status, and the components and services associated with them.



Which products currently use Topology?

- **OpenShift**
- **Ansible**
- **Kiali**
- **Red Hat Advanced Cluster Security (ACS) for Kubernetes**



Who has been requesting Topology documentation?

... Everyone who uses Topology.



Topology Updates!

- Purpose: get Topology up to par with existing PF docs
- We have added Topology documentation to patternfly.org ([2023.01](#)).
Functional demos and code for:
 - **Baseline Topology**
 - **Custom Nodes**
 - **Custom Edges**
 - **Pan/Zoom**
 - **Selectable Topology**
- In progress
 - More demos and documentation coming soon!



Feedback is greatly appreciated!

- Comments or suggestions from the Patternfly community will fuel further discussion and updates
- Please kindly leave any comments in the [#topology](#) channel





React updates

React updates

- Codemods
- Continued improving unit testing
- Continued TypeScript conversion
- Pagination insets support
- Bug fixes to wrap up V4 work
- Head start on V5 efforts





Website update

Website update

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Q & A



Links

To join the PatternFly mailing list: <https://listman.redhat.com/mailman/listinfo/patternfly>

Import the PatternFly Community calendar: [calendar](#)

Community meeting coordinator contact: Nicole Thoen - nthoen@redhat.com

Next office hours: Tomorrow! Feb 1



Thank you!