



PatternFly Community Meeting

April 8th, 2021

www.patternfly.org/v4

Agenda

Topics

- Design documentation effort: Brief update and invitation to join - Kevin and Alana
- Conversation about react/core docs - example vs demos - Nicole
- Design guideline updates - Margot
- Design kit updates - Marie
- PatternFly Kotlin demo - Harald
- Accessibility Update - Jessie
- PatternFly Core update - Michael
- PatternFly React update - Katie, Nicole, Titani, Zack
- What we're working on - Matt

Q&A

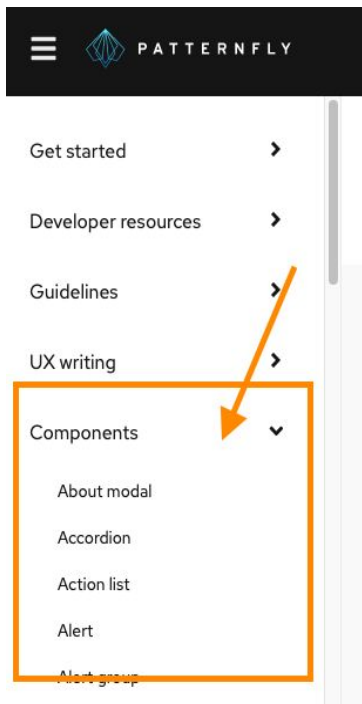




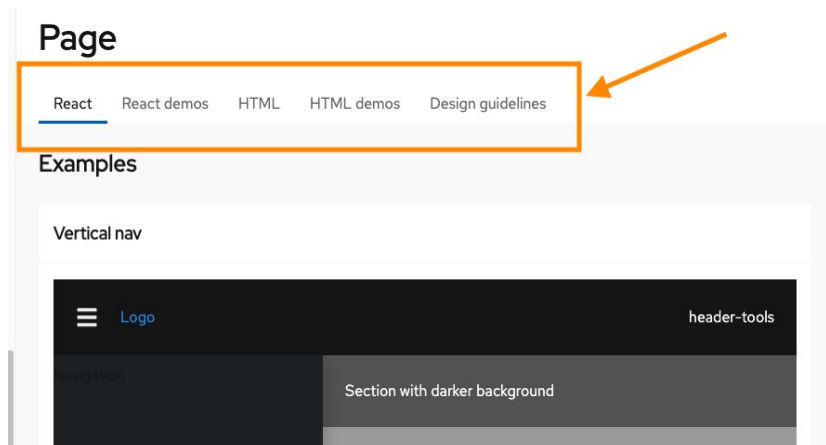
Community Discussion

Did you know?

Patternfly.org includes documentation for each of the components in the PatternFly component library.

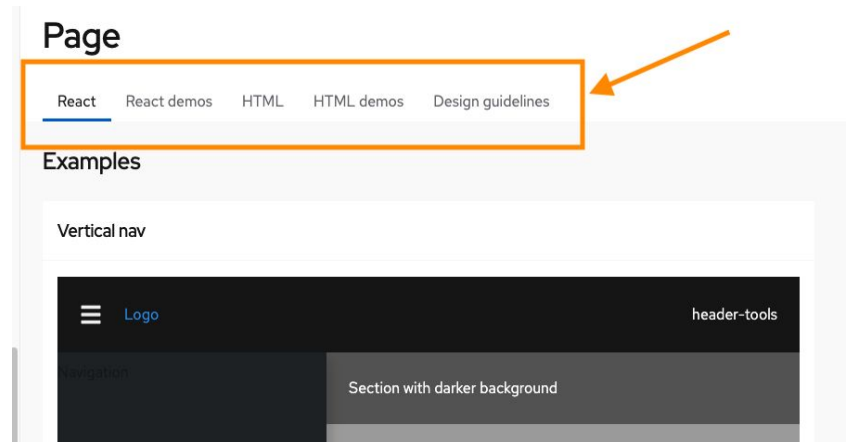


And each component page includes a number of tabs to organize information



Examples vs. Demos

- The PatternFly teams refers to the content of the React and HTML tabs as the component “examples”
- By default, when someone navigates to a component’s documentation, they land on the React tab
- Example pages contain component definitions/APIs and demonstrate variant features
- React demos and HTML demos tabs demonstrate components being used in context alongside other PF components



What do you think?

- Did you know we had the documentation organized like that?
- Why do you look at component pages on patternfly.org?
- Are our navigation tabs located and labelled clearly?
- What have been your frustrations?

Please take our survey! (<https://forms.gle/9W29WsKHb7fZNxZFA>)





Design Guidelines & Design Kit update

Design guidelines

New guidelines

- [Filter](#) (Guidelines > Filters)
- [Usage and behavior](#) (Guidelines > Usage and behavior)
Contains general guidance on when to use certain components over others
- [Tabs](#) (Components > Tabs)
- [Expandable section](#) (Components > Expandable section)
- [Number input](#) (Components > Number input)
- [HTTP 404 errors](#) (UX Writing > HTTP 404 errors)

Updates

- [Forms](#) (Components > Forms): Added content guidance
- [Alert](#) (Components > Alert): Added design and microcopy guidance



PatternFly Design Kit | Notable updates

Symbol additions (+ many more!):

- [Added slider](#)
- [Added marketing variation of accordion](#)
- [Item counts to the select dropdown](#)
- [Updated radio buttons](#)
- [Expansion for wizard steps](#)

- [Working on reducing nested folders in a Sketch library](#)
- Updated [SVGs symbols](#) and fixed artboards naming across the whole library

Template additions:

- Expansion for wizard steps





PatternFly Kotlin

Kotlin / Highlights



Static Typed

Refactoring
Type Inference



Concise Syntax

Extension Functions
DSL



Safety First

Null Safety
Immutable



Kotlin / Code

```
open class Dog {
    open fun sayHello() {
        println("wow wow!")
    }
}

class Yorkshire : Dog() {
    override fun sayHello() {
        println("wif wif!")
    }
}

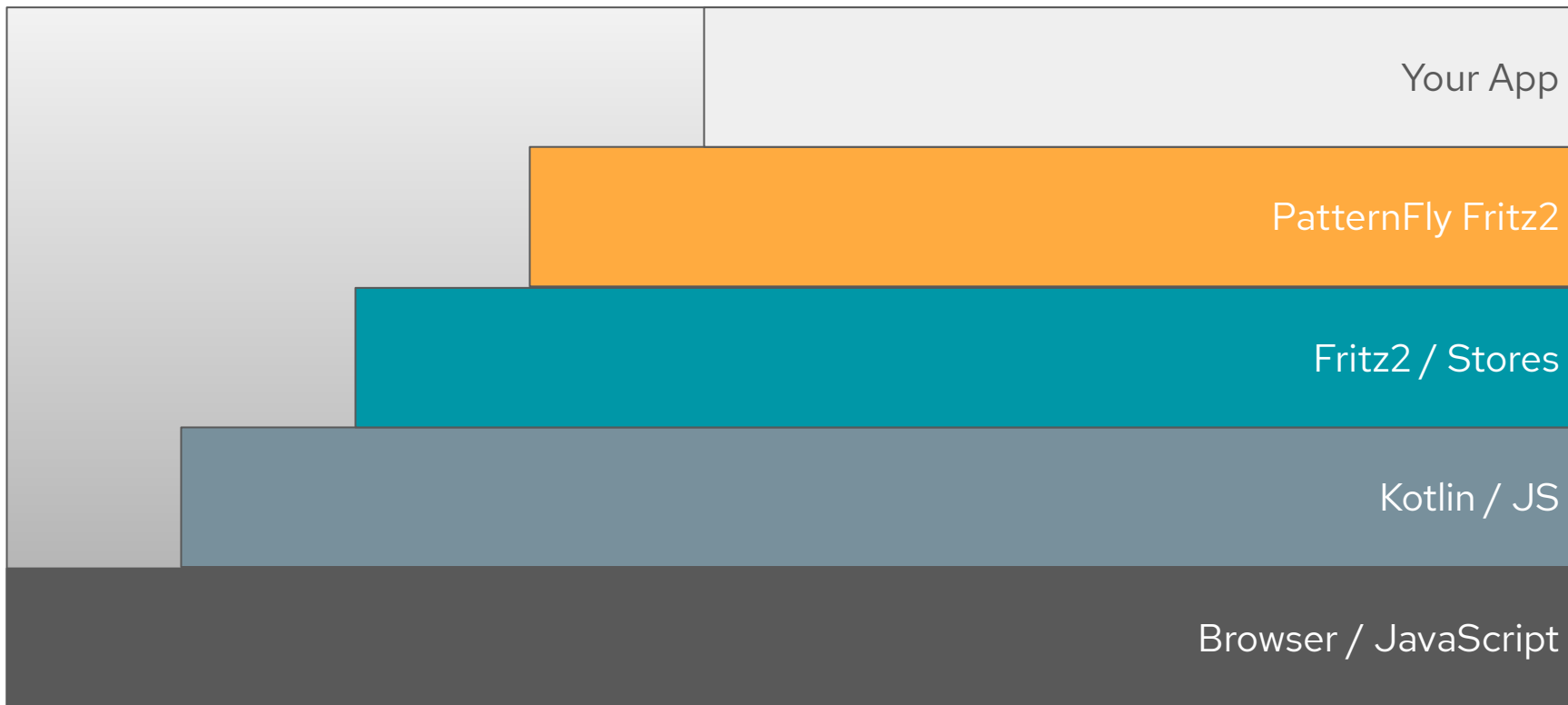
fun main() {
    val dog = Yorkshire()
    dog.sayHello()
}
```

```
ul {
    listOf(
        "JavaScript", "TypeScript", "Kotlin"
    ).forEach {
        li {
            +it
        }
    }
}
```

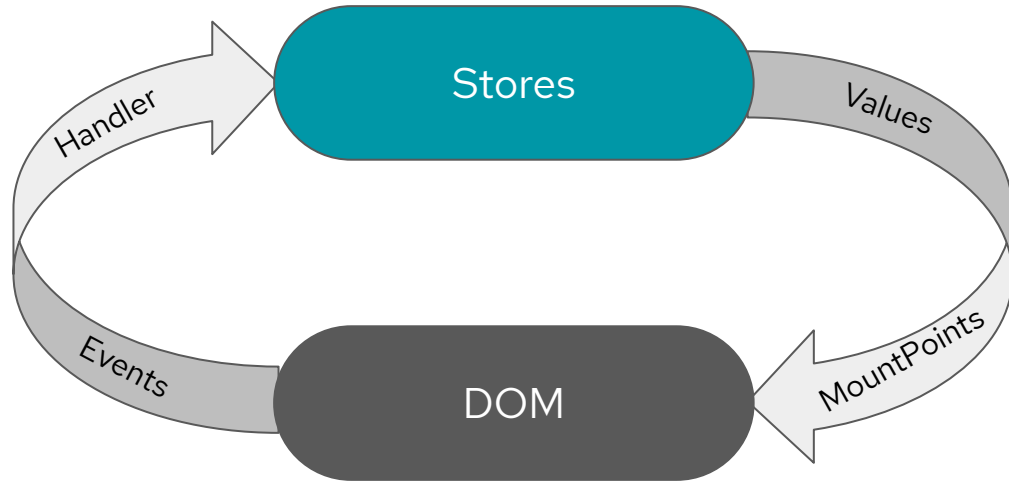
```
<ul>
  <li>JavaScript</li>
  <li>TypeScript</li>
  <li>Kotlin</li>
</ul>
```



PatternFly Kotlin / Architecture



PatternFly Fritz2 / Stores



PatternFly Fritz2 / Code

```
chip { +"Chip" }
chip(readonly = true) {
  +"Read-only chip"
}
chip {
  +"Close me"
  closes handledBy Notification.info(
    "You did it!"
  )
}
chip {
  +"With badge"
  badge { value(42) }
}
```

```
data class Demo(val id: String, val name: String)

val store = ChipGroupStore<Demo> { it.id }
chipGroup(store) {
  +"Store demo"
  display { demo ->
    chip {
      +demo.name
      badge {
        value(demo.name.length)
      }
    }
  }
}

store.addAll(listOf(
  Demo("foo", "Foo"), Demo("bar", "Bar")
))
```



PatternFly Fritz2 / Links

Kotlin/JS <https://kotl.in/js>

Fritz2 <https://www.fritz2.dev/>

PatternFly Fritz2 <https://github.com/patternfly-kotlin/patternfly-fritz2>

Progress <https://github.com/patternfly-kotlin/patternfly-fritz2/issues/72>
<https://github.com/patternfly-kotlin/patternfly-fritz2/projects/1>
<https://github.com/patternfly-kotlin/patternfly-fritz2/milestones>

Showcase <https://patternfly-kotlin.github.io/patternfly-fritz2-showcase/#home>





PatternFly Accessibility Update



PatternFly core update



Accordion - bordered and marketing/large variations

Item one



Item two



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis molestie lorem lacinia dolor aliquet faucibus. Suspendisse gravida imperdiet accumsan. Aenean auctor lorem justo, vitae tincidunt enim blandit vel. Aenean quis tempus dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Item three



Item four



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis molestie lorem lacinia dolor aliquet faucibus. Suspendisse gravida imperdiet accumsan. Aenean auctor lorem justo, vitae tincidunt enim blandit vel. Aenean quis tempus dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

[Call to action](#) →

Item five



Accordion - support for multiple item body elements

Item one



Item two



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis molestie lorem lacinia dolor aliquet faucibus. Suspendisse gravida imperdiet accumsan. Aenean auctor lorem justo, vitae tincidunt enim blandit vel. Aenean quis tempus dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis molestie lorem lacinia dolor aliquet faucibus. Suspendisse gravida imperdiet accumsan. Aenean auctor lorem justo, vitae tincidunt enim blandit vel. Aenean quis tempus dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Item three



Item four



Item five



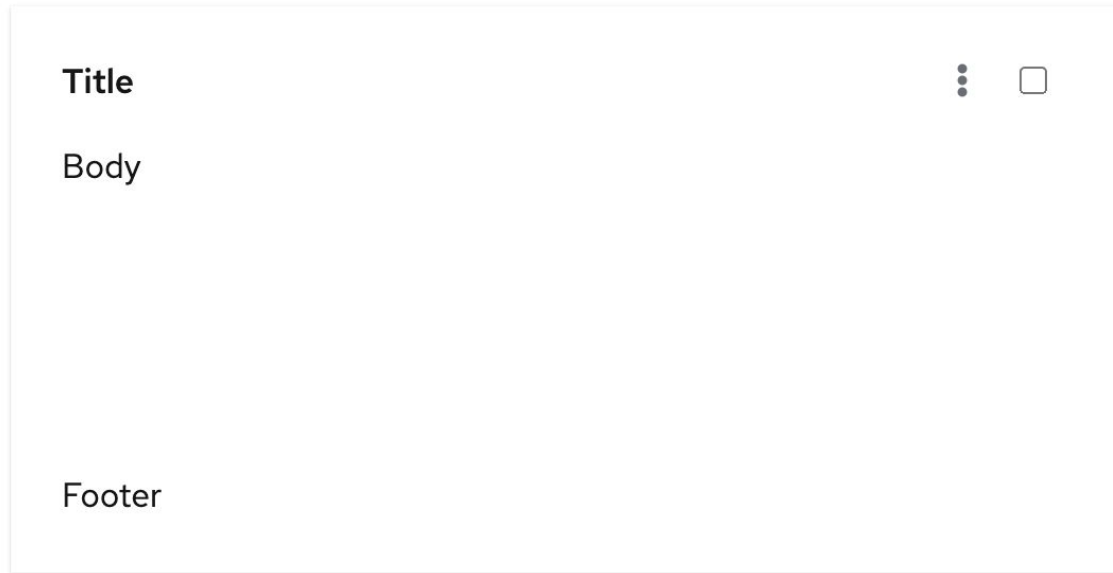
Button - secondary danger and link danger variations

Secondary danger

Link danger 



Card - full height variation



Card - plain variation (removes shadow, background)

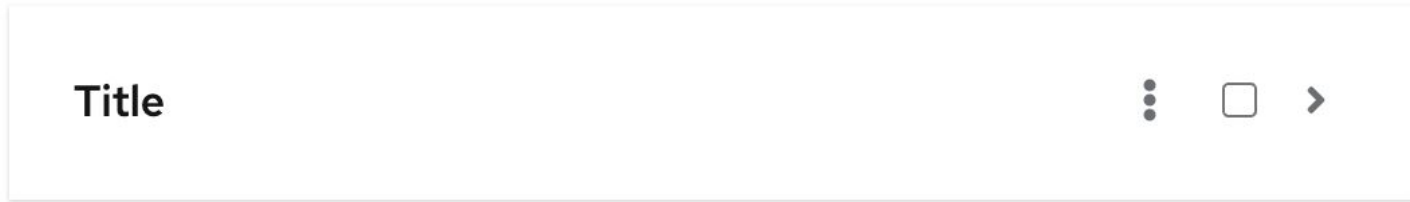
Title

Body

Footer



Card - expandable toggle on right



Clipboard copy - inline variation

Basic

2.3.4-2-redhat 

Code variant

2.3.4-2-redhat 


Additional action

2.3.4-2-redhat  

In a sentence


Lorem ipsum 2.3.4-2-redhat  dolor sit amet.

Long string that wraps

Lorem ipsum dolor sit amet, consectetur adipiscing elit. <https://app.openshift.io/path/sub-path/sub-sub-path?runtime=quarkus/12345678901234567890/abcdefghijklmnopqrstuvwxyz1234567890>  Mauris luctus, libero nec dapibus ultricies, urna purus pretium mauris, ullamcorper pharetra lacus nibh vitae enim.

Block variant

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

```
https://app.openshift.io/path/sub-path/sub-sub-path?  
runtime=quarkus/12345678901234567890/abcdefghijklmnopqrstuvwxyz1234567890 
```

Mauris luctus, libero nec dapibus ultricies, urna purus pretium mauris, ullamcorper pharetra lacus nibh vitae enim.



Code block

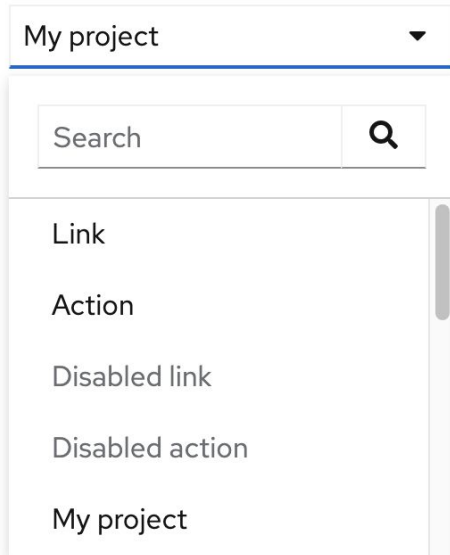
```
apiVersion: helm.openshift.io/v1beta1/  
kind: HelmChartRepository  
metadata:  
  name: azure-sample-repo  
spec:  
  connectionConfig:  
    url: https://raw.githubusercontent.com/Azure-Samples/helm-charts/master/docs
```

```
apiVersion: helm.openshift.io/v1beta1/  
kind: HelmChartRepository  
metadata:  
  name: azure-sample-repo
```

› [Show more](#)



Context selector - support for items as links



Search input - autocomplete

 ✕

- apple
- appleby
- appleseed
- appleton

 ✕

- appleseed



Select - invalid state and item count

Filter by birth month



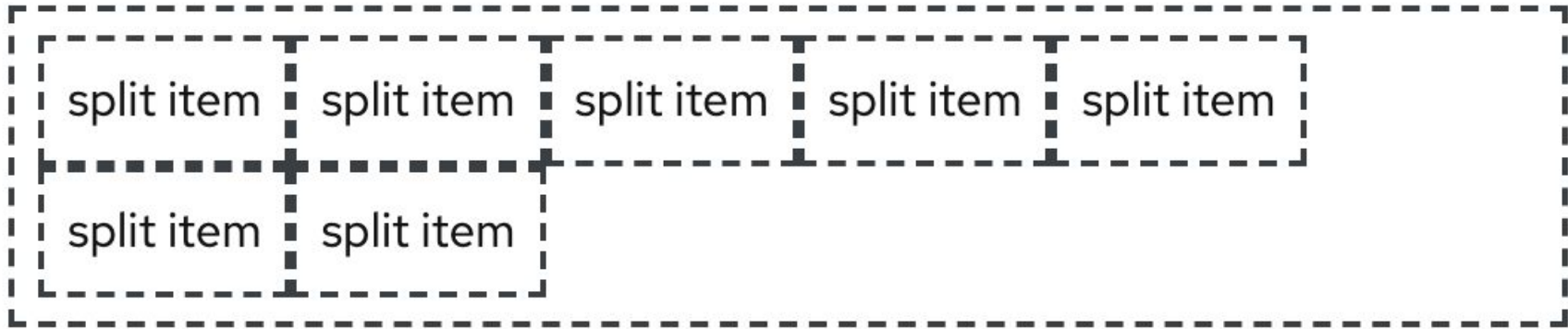
Filter



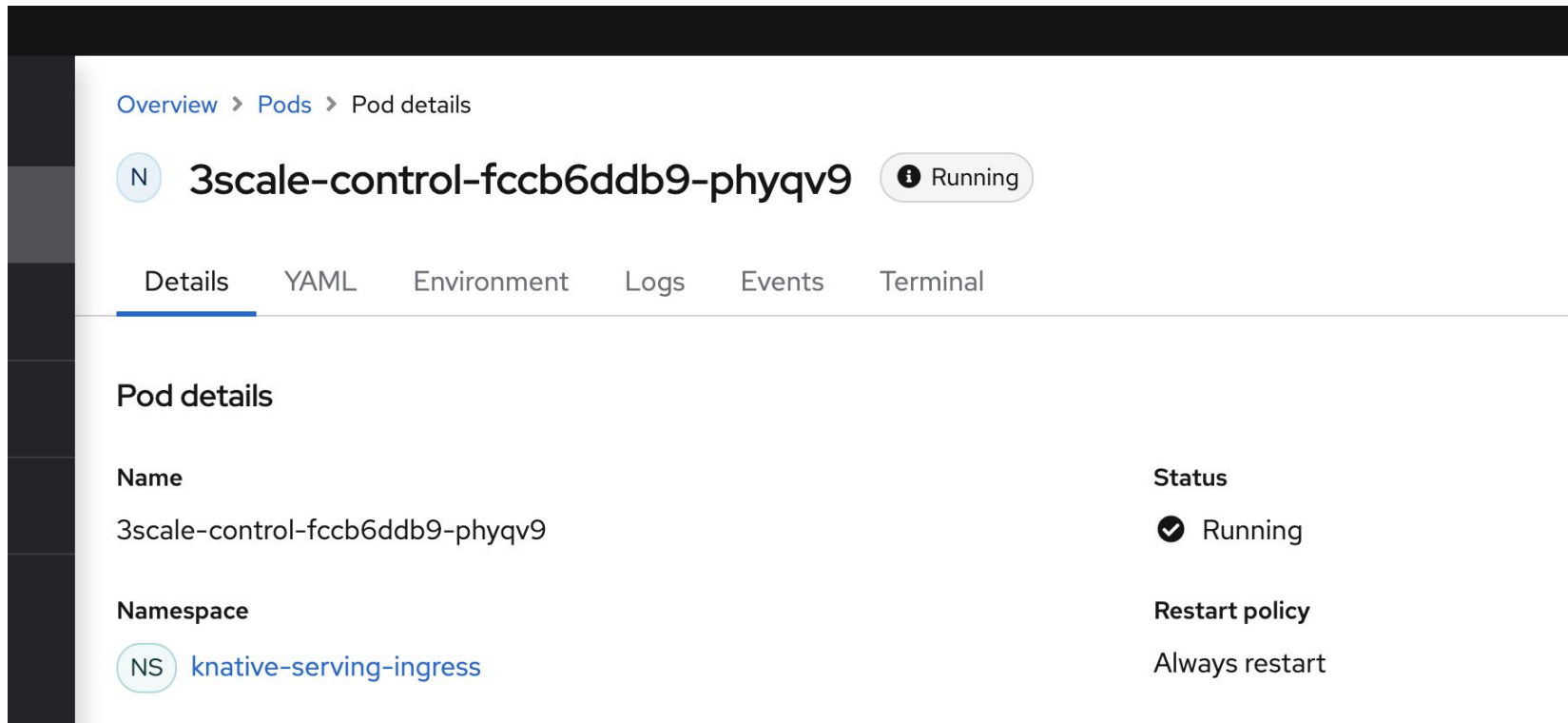
<input checked="" type="checkbox"/> Active	3
<input checked="" type="checkbox"/> Canceled	1
<input type="checkbox"/> Paused	15
<input checked="" type="checkbox"/> Warning	2
<input type="checkbox"/> Restarted	8



Split layout - variation to allow children to wrap



Tabs - tabs page section, page padding insets, tab content supports page section padding



The screenshot shows a web interface for a Kubernetes pod. At the top, there is a breadcrumb trail: [Overview](#) > [Pods](#) > Pod details. Below this, the pod name `3scale-control-fccb6ddb9-phyqv9` is displayed next to a status indicator `Running`. A horizontal tab bar contains five tabs: `Details` (selected), `YAML`, `Environment`, `Logs`, and `Terminal`. The main content area is titled `Pod details` and contains a table with the following information:

Name	Status
<code>3scale-control-fccb6ddb9-phyqv9</code>	<input checked="" type="checkbox"/> Running
Namespace	Restart policy
<code>knative-serving-ingress</code>	Always restart



- Tabs demos - <https://www.patternfly.org/v4/components/tabs/html-demos>
- Card demos - <https://www.patternfly.org/v4/components/card/html-demos>





What we're working on...

Design

- [PatternFly dark theme](#)
 - Define a dark theme version of PatternFly
- [Animation](#)
 - Introduce animation to PatternFly components.
- Catalog view
 - Exploring design concepts for a [collapsible filter panel](#).
- Wizard enhancements
 - Seeking to support [collapsible sub-steps](#) and [optional “skip to finish” button](#).
- [Expandable toast notifications](#)
 - Support an expandable alert for reporting status of active processes.
- [Topology view](#)
 - Define a set of flexible components for drawing topology maps.

Visit the [PatternFly design workspace](#) to see our complete design backlog and WIP.



Core HTML/CSS

- [Masthead refactoring](#)
 - Introduce a refactored, more responsive and flexible masthead.
- [Secondary horizontal navigation](#)
 - Explore styling for a secondary horizontal navigation bar.
- [Update toggle group styling](#)
 - Update selected color for a set of toggle buttons to use a lighter blue.
- [Add "view more" action to a Select menu](#)
 - Add a View more action at the bottom of a select menu to enable incremental loading of long option lists.
- [Theming](#)
 - Work on a flexible approach to support dark theme or other future theming requirements.



React

- [Log Viewer](#)
 - Introduce a native PatternFly log viewer component.
- [Inline enhancement for Clipboard copy](#)
 - Add a thin variant to Clipboard copy for using inline with text.
- [Code block component](#)
 - Introduce a read-only code block component that is lighter weight than the full code editor for displaying a block of code with optional actions.
- [Slider: update API to match standard range input](#)
 - Make the slider component mimic the API of a standard HTML range input.
- [Date and time range picker demo](#)
 - Create a React demo to show how the Date picker and Time picker components can be used together to return a data and time range.

Visit the [PatternFly feature roadmap](#) to see our complete feature backlog and WIP.





Q & A



Links

PatternFly documentation survey: <https://forms.gle/9W29WsKHb7fZNxZFA>

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

To add this meeting to your calendar: [link](#)

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



Thank you!