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feat(rr): diff view #1158

Start 25

Merged seaerchin merged 19 commits into develop from feat/diff-view 5 days ago

Spent: 0 (0 timer)

Conversation 25

Commits 19

Checks 9

Files changed 16

seaerchin commented on Nov 17, 2022 · edited

Problem

The current FE does not have a diff viewer, which leads to a degraded experience as users lose features which they've had on github. This PR adds this back.

Closes [IS-54](#)

Solution

1. use `ReactDiffViewer` package to render the diff view
 - i compared between a [few packages](#) and i chose this because this was the most feature complete + ts
 - this package uses `classnames` under the hood to style and it renders the whole view as a `table`. This causes difficulty with styling because `tables` have different css rules compared to normal. Some implementation details will be outlined below
 - whole view is a `table`; lines (a `tr`) consists of a gutter (spacing + line no), marker (type of change), together with content, each of which is a `td` (this is x2 since we render a split view)
 - code folds **also have the same structure** except that content is only rendered in a single cell. This leads to wonky formatting as **tables depend on cells to render**. No good solution for now - see below for pics.
2. use hook to query the backend
 - the structure of the underlying api call isn't ideal because the change is tied to a `rr`. this isn't ideal because the changes should be tied to a tuple of (`commit hash`, `commit hash`) and it might cause trouble in the future. probably will change this in a small PR next to keep changes focused.
 - passing a query param rather than being able to do `/review/<fileName>`. this is a workaround becaues filenames might be nested within directories (eg: `src/api.js`) and express matches on `/review/src` `..`. not sure if this is possible in express but the github API uses hte `/review/<filename>` form

Screenshots

2 way code fold

index.md					
Expand 3 lines ...					
4		description: asdfasdfasdf	4		description: asdfasdfasdf
5		image: /images/asdf.png	5		image: /images/asdf.png
6		permalink: /	6		permalink: /
7	-	notification: asdfasd	7	+	notification: asdfas
8		sections:	8		sections:
9		- hero:	9		- hero:
10		title: Changed	10		title: Changed
Expand 32 lines ...					

note the expanded right hand gutter. this happens iff the code fold is at the **very top** of the table because then the `td` will use the code fold

5	image: /images/asdf.png	5	image: /images/asdf.png
6	permalink: /	6	permalink: /
7 -	notification: asdfasd	7 +	notification: asdfas
8	sections:	8	sections:
9	- hero:	9	- hero:
10	title: Changed	10	title: Changed
11	subtitle: Hero subtitle	11	subtitle: Hero subtitle
12	background:	12	background:
	/images/asdfdf.png		/images/asdfdf.png
13	button: Contact Us	13	button: Contact Us
14	url: /contact-us/	14	url: /contact-us/
15	key_highlights:	15	key_highlights:
16	- title: Highlight A	16	- title: Highlight A
17	description: Important	17	description: Important
	highlight A is important		highlight A is important
18	url:	18	url:
	https://google.com		https://google.com
19	- title: Highlight B	19	- title: Highlight B
20	description: Important	20	description: Important
	highlight B is equally important		highlight B is equally important
21	url: https://gmail.com	21	url: https://gmail.com
22	- title: Page A	22	- title: Page A
23	description: Page A is	23	description: Page A is
	important too		important too
24	url: /privacy/	24	url: /privacy/
25	- infobar:	25	- infobar:
26	title: Infobar title	26	title: Infobar title
27	subtitle: Subtitle	27	subtitle: Subtitle
28	description: About a	28	description: About a
	sentence worth of description		sentence worth of description
	here		here

lower code fold only

1	----	1	----
2	layout: homepage	2	layout: homepage
3	title: very cleaningest	3	title: very cleaningest
4	description: asdfasdfasdf	4	description: asdfasdfasdf
5	image: /images/asdf.png	5	image: /images/asdf.png
6	permalink: /	6	permalink: /
7 -	notification: asdfasd	7 +	notification: asdfas
8	sections:	8	sections:
9	- hero:	9	- hero:
10	title: Changed	10	title: Changed
Expand 32 lines ...			

note how the gutters are normal sized now

full expansion renders fine

Tests

- navigate to a email login based repo
- create a new image
- create a new file
- create a new unlinked page
- create a new page in folder
- create a new page in a subfolder
- create a new resource room page
- repeat the above steps but edit existing items rather than creating
- request a review
- pages should be able to be compared, files/images should not
- resource room page should have human readable name

notes








1. this is changed from the one in figma - the header is not the compare changes for <filename> . instead, this is displayed below. this is because to achieve the former, we'd need Context for this use case and trigger a state change, which seems tedious. will double check with @NatMaeTan if this is acceptable; otherwise, will do the header




searchin changed the base branch from develop to feat/identity-phase-2 7 months ago

searchin had a problem deploying to staging 7 months ago

Failure

-  searchin had a problem deploying to staging 7 months ago Failure
-  searchin requested review from dcshzj, alexanderleegs, kishore03109 and prestonlimlianjie 7 months ago
-  searchin had a problem deploying to staging 7 months ago Failure
-  alexanderleegs approved these changes on Nov 21, 2022
- [View reviewed changes](#)

 alexanderleegs left a comment


Minor nit in the comments!

Apart from that, the diff viewer currently doesn't render line numbers properly if the screen width is too small. As discussed offline, this is due to the library being used making use of a table under the hood, which is harder to modify - we're opting to leave it as is for now.

Example Title 22.md


1	---	1	---
2	title: Example Title 22	2	title: Example Title 22
3	- permalink: / permalink /	3	+ permalink: / testing /
4	description: ""	4	description: ""
5	---	5	---
		6	+ <style>
		7	+ td, th {
		8	+ border: none!important;
		9	+ }
		1	+ </style>
		0	
		1	+
		1	
		1	+ Column 1 Column 2 Column 3
		2	
		1	+ ----- ----- -----
		3	
		1	+
		4	
		1	+
		5	
		1	+
		6	

Also, could we also track the portions which are WIP in an issue? I'm assuming that the edit and PR buttons in the overview, and the link to the direct staging site will be handled in a separate PR




src/layouts/ReviewRequest/components/RequestOverview/RequestOverview.tsx Outdated

```
197 + }:{
198 +   onClick: (name: string, filePath: string[]) => void
199 + } & RequestOverviewProps) => {
```

 alexanderleegs on Nov 21, 2022

Nit: could we rename this to be more informative, since we'll be adding functionality for the other 2 buttons as well in future?



 searchin on Dec 12, 2022

wrt this - actually the other 2 are links, so they won't take an onClick





[Resolve conversation](#)

[View reviewed changes](#)

```
src/layouts/ReviewRequest/components/DiffView/DiffView.tsx
28 + // make it look as though there's an extra space inserted
29 + // in (see: `b` vs `boo`)
30 + compareMethod={DiffMethod.WORDS}
31 + styles={{
```



dcshzj on Nov 29, 2022

Is it possible to specify that the diff renders using a monospaced font?



seaerchin on Dec 12, 2022

can i double check wym by this



dcshzj on Dec 15, 2022

Currently, the diff is rendered in a normal font if it is the same for the old and new value. I was thinking we should render the whole view in a monospace font similar to how GitHub renders the diff view.



seaerchin on Dec 15, 2022

oh ok gotcha - will have to look into this; thanks for raising!



Reply...

Resolve conversation

```
src/layouts/ReviewRequest/components/DiffView/DiffView.tsx
24 + oldValue={oldValue}
25 + newValue={newValue}
```



dcshzj on Nov 29, 2022

Sanity check: How does this diff viewer handle media files (i.e. images)?



seaerchin on Dec 12, 2022

we shouldn't handle it here - i was thinking in the DTO which we return from the backend, we specify the filetype (page/file/extlink/image), and we allow comparisons only for pages.



dcshzj on Dec 15, 2022

Yup I think that works too, or we can bypass the diff viewer and render the image as-is, so at least the user can see how the image looks like previously and now.



seaerchin on Dec 15, 2022

actually rendering the image as is might not be that simple just because the image might be extremely huge (eg for their homepage); i'm not sure if there's a good solution for this beyond just showing a link to the raw image maybe? wdyt about this



dcshzj on Dec 15, 2022

I was thinking if maybe we can set a max height/width for the image but showing a link should be ok also hmm



seaerchin on Dec 15, 2022

actually that wouldn't work also - we would need to determine our resizing strategy; whether we want to crop, preserve aspect ratio but then maybe have whitespace or like ignore the aspect ratio but then resize (and it might look weird in that case)



dcshzj on Dec 15, 2022

dcshzj

Reply...

Resolve conversation

src/layouts/ReviewRequest/components/DiffView/DiffView.tsx

112

+

<Heading

113

+

as="h2"

114

+

textStyle="h2"

115

+

>{'Compare changes for '\${fileName}'}</Heading>

dcshzj

on Nov 29, 2022 · edited

3 things:

1. Should truncation be applied here?

2. Is this filename or should it be the review request title? Not sure if the Figma is wrong here Clarified offline, this should be the page title, not the file name

3. I think the code indentation might need to be fixed (</Heading> should be on its own line, etc)

seaerchin

on Dec 12, 2022

ok so i just realised why i skipped point 2 - this is because the title exists only in the frontMatter . For normal pages, this isn't a big deal but for resource pages, they are prefixed by yyyy-mm-dd and type , which we need additional metadata to determine...

i can do this, but i feel it's out of scope of this PR and i'd be relying on the new PageService from our BE; wdyt about me filing this as a BE issue?

seaerchin

on Dec 12, 2022

re: truncation, yes - will add this in!

dcshzj

on Dec 15, 2022

Yup I think this is a BE issue, but I think it should still be the page title as per Figma? So even for resource room pages, it still renders the page title but excludes the date.

seaerchin

on Dec 15, 2022

yea, it's backend so what's happening now is that i'm going to add both the item type together with the title (not going to happen on the frontend) but it does take alot of github calls (1 per file so we have to hope that the users don't have much changes)

1

dcshzj

Reply...

Resolve conversation

src/layouts/ReviewRequest/components/RequestOverview/RequestOverview.tsx

...

...

@@ -165,6 +167,36 @@ export const RequestOverview = ({

165

167

items,

166

168

allowEditing,

167

169

}: RequestOverviewProps): JSX.Element => {

170

+

const [fileName, setFileName] = useState("")

dcshzj

on Nov 29, 2022 · edited

Curious: Any reason for using state for the file name rather than relying on query params? I was thinking if it might be better if we allow users to use the URL to directly enter the diff view of a specific file.

Edit: Clarified offline, would be ideal to use query params!

seaerchin

on Dec 12, 2022

i might do the query params in a follow up PR to avoid bloating this PR - is that ok w/ you @dcshzj



dcshzj


Reply...



Resolve conversation

https://github.com/isomerpages/isomercms-frontend/pull/1158


5/9




searchin temporarily deployed to staging 2 weeks ago — with  GitHub Actions Inactive





searchin added 19 commits last week




 feat(requestoverview): add ext link to staging


c0ef538




 chore(requestoverview): remove unused props


6333320




 chore(rr): update naming; fixed constants


9fbab7d




 build(package): instaleld diff viewer


7f194c6




 feat(diffview): add initial diff view component


0448fac




 chore(reviewrequestmodal): change ot use heading


4a6ed6d




 refactor(diffview): refactor to have onclick and use diffview in over...
...


98ad276




 feat(useblob): add hook and methods to retrieve blob data from be


179fae1




 feat(diffview): fetch data from be


efdd307




 chore(diffview): add error toast


9063ba4




 refactor(diffview): specify fixed marker width


43212a3




 feat(rr): add type for blob diff


0ed5492




 refactor(diffview): separate diffviewer into own component for stories


3861cee




 chore(diffview.stories): add diff view stories


140b9a5




 chore(diffview): update type ot use oldvalue/newvalue


6e32a82




 refactor(types): update edited item dto to fit new backend definitio


fa7b3dd




 refactor(diffview): wip to add ability to show the title


c633061





 ref(diffview): add ext link + mocks for stories

1e5caf5





 fix(resource card): fix import order


7028e3b






searchin force-pushed the feat/diff-view branch from 0f5b694 to 7028e3b last week



Compare



searchin temporarily deployed to staging last week — with  GitHub Actions Inactive



searchin temporarily deployed to staging last week — with  GitHub Actions Inactive





searchin merged commit 4fee2bb into develop 5 days ago



View details

Revert

11 of 13 checks passed



mergify bot deleted the feat/diff-view branch 5 days ago




kishore03109 mentioned this pull request 40 minutes ago


Release/0.29.0 #1293


Open


23 tasks


Reviewers


 dcshzj


 alexanderleegs


 kishore03109


 prestonlimljanjie


 iso-engineers


















Labels		
None yet		
Projects		
None yet		
Milestone		
No milestone		
Development		
Successfully merging this pull request may close these issues.		
None yet		

0 participants

