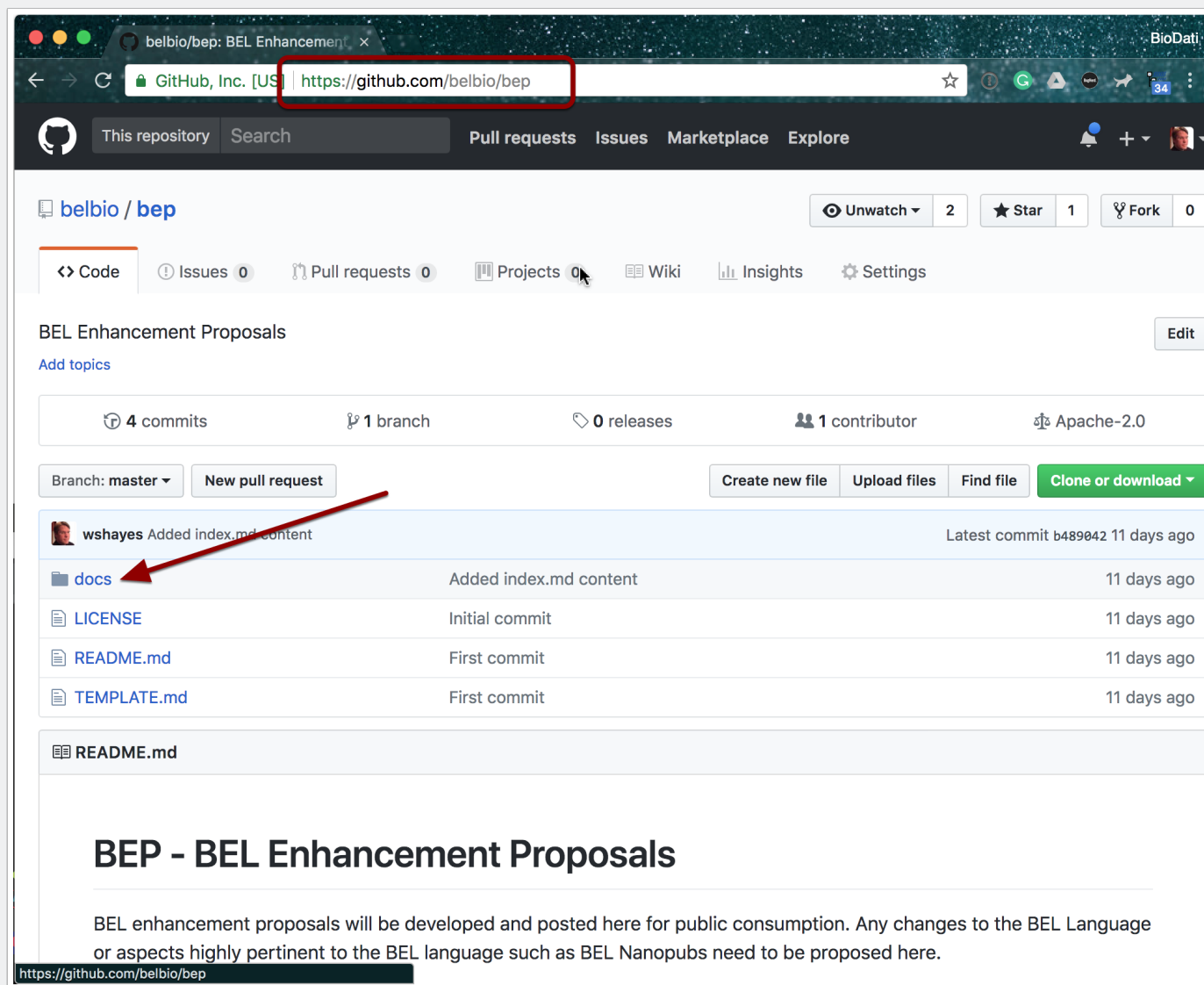


Creating a BEL Enhancement Proposal (BEP)

Go to BEP Github repository

<https://github.com/belbio/bep>, then click on the 'docs' directory pointed to by the red arrow.



The screenshot shows the GitHub repository page for `belbio/bep`. The browser address bar displays the URL `https://github.com/belbio/bep`. The repository page includes a navigation bar with links to `Code`, `Issues`, `Pull requests`, `Projects`, `Wiki`, `Insights`, and `Settings`. The repository name `belbio / bep` is shown, along with statistics: 2 Unwatch, 1 Star, and 0 Fork. The repository description is "BEL Enhancement Proposals". The file list shows the following files and their commit history:

File	Commit	Time
<code>docs</code>	Added index.md content	11 days ago
<code>LICENSE</code>	Initial commit	11 days ago
<code>README.md</code>	First commit	11 days ago
<code>TEMPLATE.md</code>	First commit	11 days ago

The `README.md` file is expanded, showing the following content:

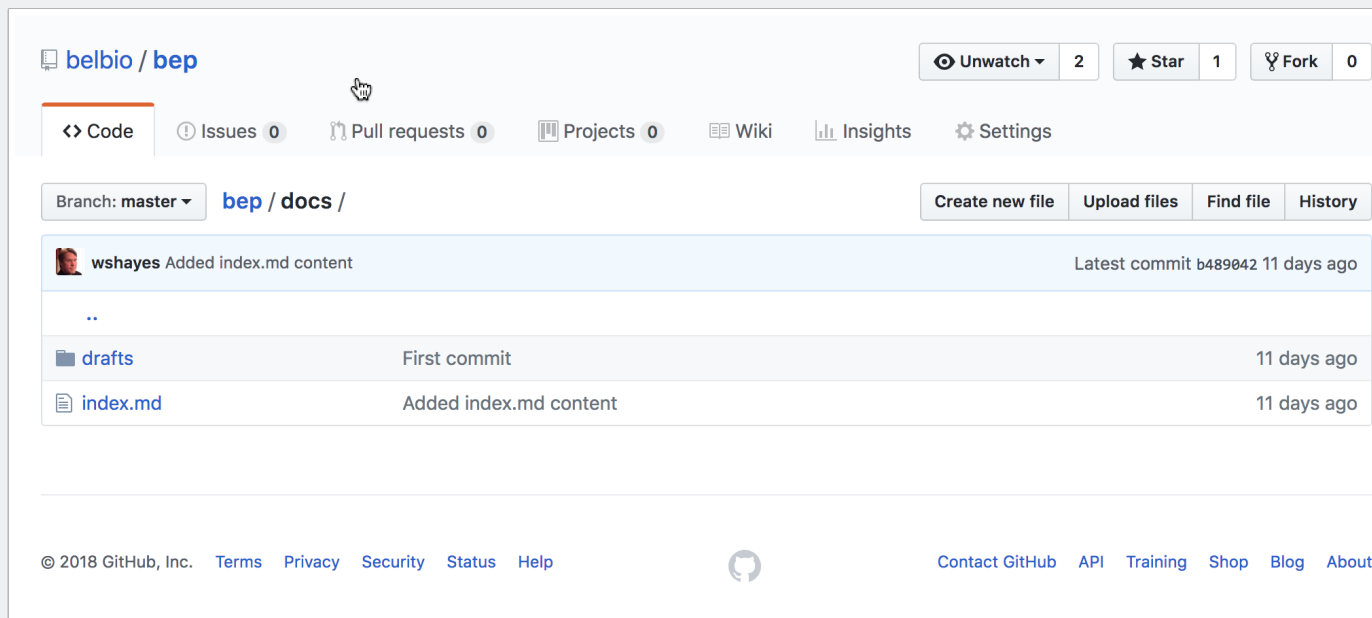
BEP - BEL Enhancement Proposals

BEL enhancement proposals will be developed and posted here for public consumption. Any changes to the BEL Language or aspects highly pertinent to the BEL language such as BEL Nanopubs need to be proposed here.

Creating a BEL Enhancement Proposal (BEP)

Determine next BEP number

Check to see what the most recent BEP number is in the drafts and (not visible yet) published folders.



The screenshot shows the GitHub interface for the repository 'belbio / bep'. At the top, there are buttons for 'Unwatch' (2), 'Star' (1), and 'Fork' (0). Below this is a navigation bar with links for 'Code', 'Issues' (0), 'Pull requests' (0), 'Projects' (0), 'Wiki', 'Insights', and 'Settings'. The main content area shows the 'bep / docs /' directory. A commit by 'wshayes' is highlighted, showing 'Added index.md content' with the latest commit hash 'b489042' from 11 days ago. Below this, a table lists the commit history:

File	Commit Message	Time
..	First commit	11 days ago
index.md	Added index.md content	11 days ago

At the bottom, there is a footer with copyright information '© 2018 GitHub, Inc.' and links for 'Terms', 'Privacy', 'Security', 'Status', 'Help', 'Contact GitHub', 'API', 'Training', 'Shop', 'Blog', and 'About'.

Creating a BEL Enhancement Proposal (BEP)

Create New File or Upload BEP file

1) Copy the TEMPLATE.md file content and create a new file using the TEMPLATE.md contents. 2) You can also UPLOAD your own file (e.g. if you downloaded the template, edited it and now want to upload it directly)

The screenshot shows the GitHub repository page for 'belbio / bep'. The repository has 4 commits, 1 branch, 0 releases, 1 contributor, and is licensed under Apache-2.0. The file list shows the following files and their commit history:

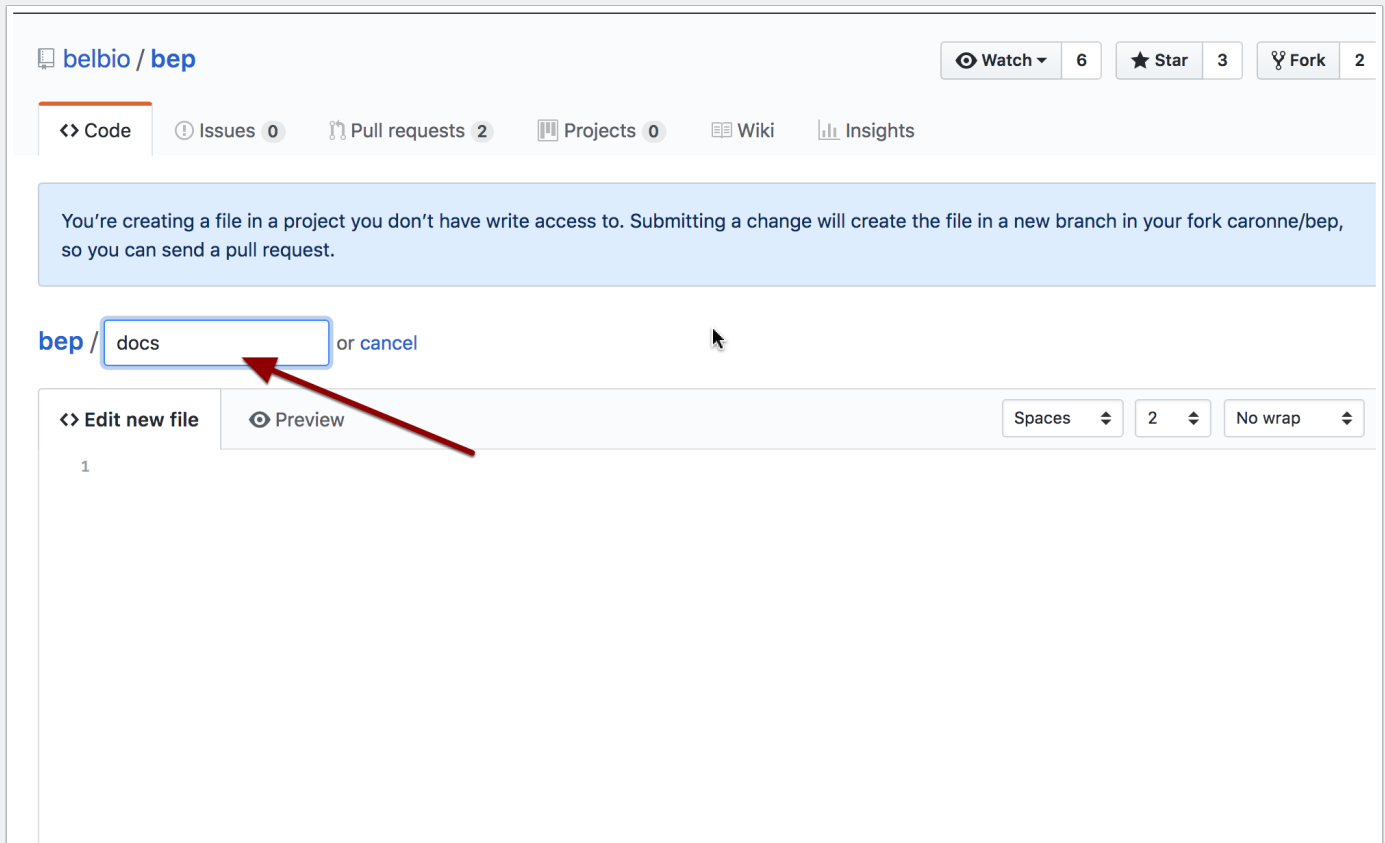
File	Commit	Time
docs	Added index.md content	11 days ago
LICENSE	Initial commit	11 days ago
README.md	First commit	11 days ago
TEMPLATE.md	First commit	11 days ago

Red arrows and numbered circles highlight the 'Create new file' and 'Upload files' buttons in the repository interface.

Creating a BEL Enhancement Proposal (BEP)

Add new filename

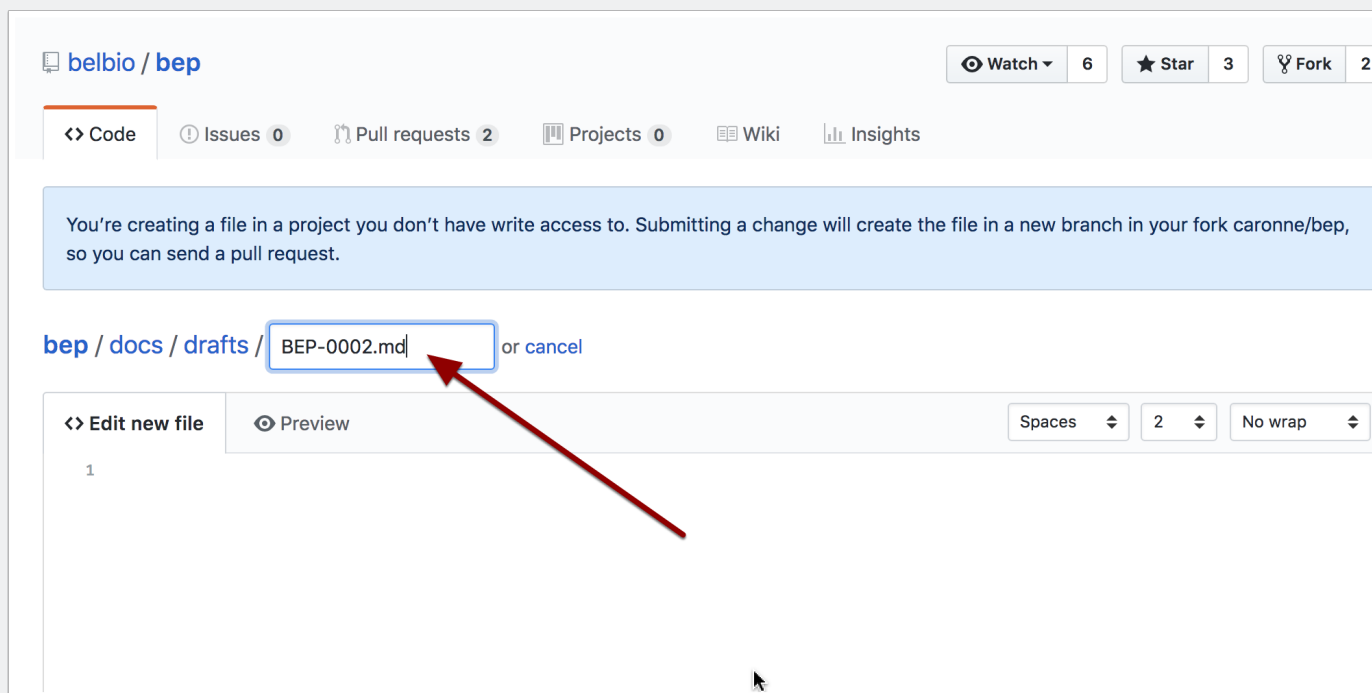
Add new file name starting with the docs directory. Adding a '/' will create a new subdirectory



The screenshot shows the GitHub web interface for the 'belbio / bep' repository. At the top, there are buttons for 'Watch' (6), 'Star' (3), and 'Fork' (2). Below this is a navigation bar with links for '<> Code', 'Issues 0', 'Pull requests 2', 'Projects 0', 'Wiki', and 'Insights'. A blue informational box states: 'You're creating a file in a project you don't have write access to. Submitting a change will create the file in a new branch in your fork caronne/bep, so you can send a pull request.' Below this, the file path 'bep / docs' is shown in a text input field, with 'or cancel' to its right. A red arrow points to the 'docs' text. At the bottom, there is a tabbed interface with 'Edit new file' and 'Preview' tabs. The 'Edit new file' tab is active, showing a text editor with a single line '1' and a cursor. To the right of the editor are three dropdown menus: 'Spaces' (set to 2), '2' (line width), and 'No wrap' (line wrapping).

Creating a BEL Enhancement Proposal (BEP)

Complete the BEP Proposal filename



The screenshot shows the GitHub web interface for the 'belbio / bep' repository. At the top, there are navigation tabs for 'Code', 'Issues' (0), 'Pull requests' (2), 'Projects' (0), 'Wiki', and 'Insights'. Below these, a light blue informational box states: 'You're creating a file in a project you don't have write access to. Submitting a change will create the file in a new branch in your fork caronne/bep, so you can send a pull request.' The main area shows the file path 'bep / docs / drafts /' followed by a text input field containing 'BEP-0002.md'. A red arrow points to this input field. To the right of the input field is a link that says 'or cancel'. Below the path, there are tabs for 'Edit new file' and 'Preview'. On the right side of the editor, there are settings for 'Spaces' (set to 2), '2' (likely line width), and 'No wrap'.

belbio / bep

Watch 6 Star 3 Fork 2

<> Code Issues 0 Pull requests 2 Projects 0 Wiki Insights

You're creating a file in a project you don't have write access to. Submitting a change will create the file in a new branch in your fork caronne/bep, so you can send a pull request.

bep / docs / drafts / or cancel

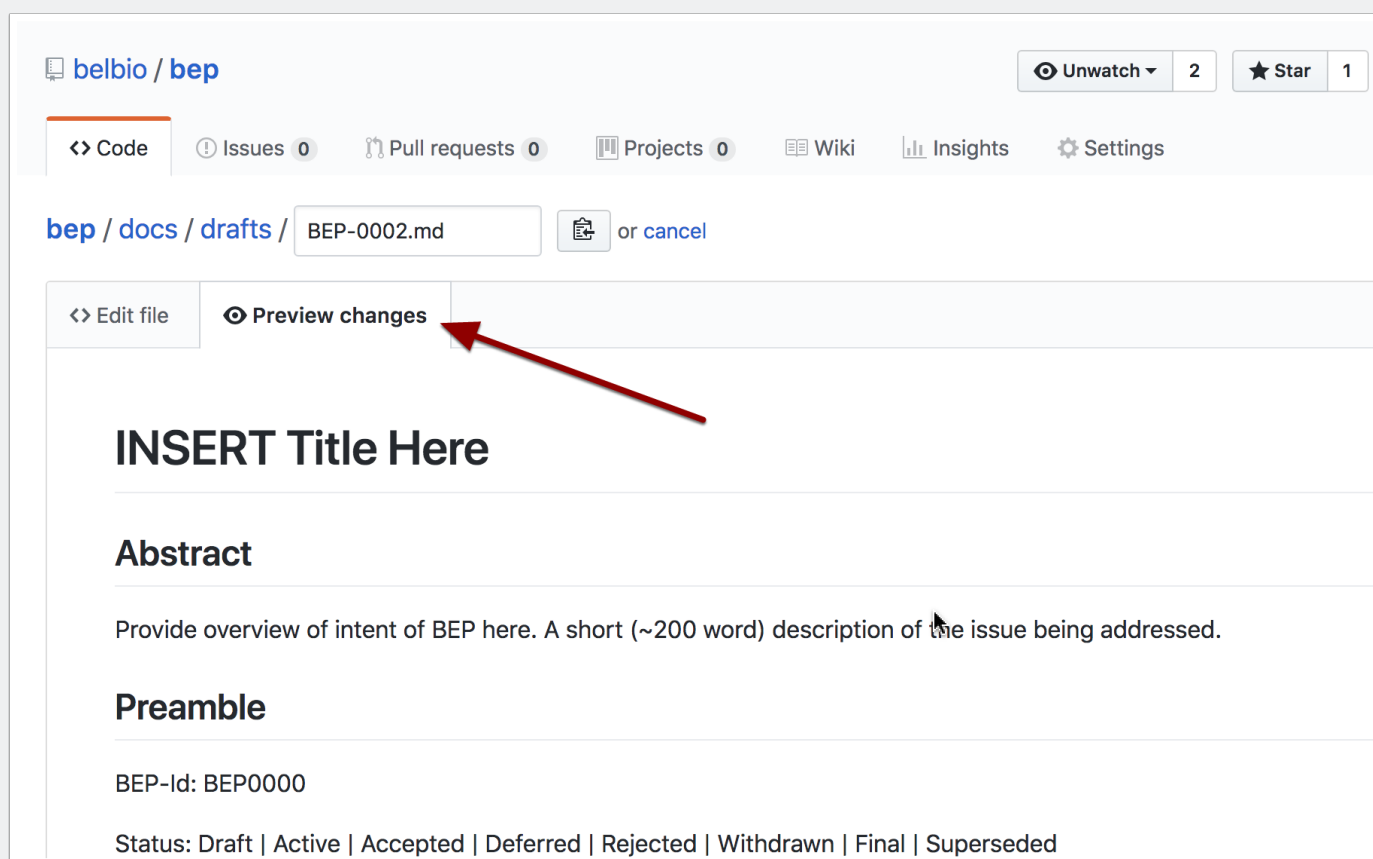
<> Edit new file Preview Spaces 2 No wrap

1

Creating a BEL Enhancement Proposal (BEP)

Editing and previewing

Your proposals are written in Markdown (<https://guides.github.com/features/mastering-markdown/>). You can preview your changes as you write your BEP by selecting the 'Preview changes' tab (pointed to by red arrow).



belbio / bep

Unwatch 2 Star 1

<> Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

bep / docs / drafts / BEP-0002.md or cancel

<> Edit file Preview changes

INSERT Title Here

Abstract

Provide overview of intent of BEP here. A short (~200 word) description of the issue being addressed.

Preamble

BEP-Id: BEP0000


Status: Draft | Active | Accepted | Deferred | Rejected | Withdrawn | Final | Superseded

Creating a BEL Enhancement Proposal (BEP)

Submitting your proposal

Insert a title and description for your change and then select the 'Propose file change' button.

40 **## Backwards Compatibility**
41
42 All BEPs that introduce backwards incompatibilities must include a section describing these incompatibilities and their severity. The BEP must explain how the author proposes to deal with these incompatibilities. BEP submissions without a sufficient backwards compatibility treatise may be rejected outright.
43
44 **## Reference Implementation**
45
46 The reference implementation must be completed before any BEP is given status "Final", but it need not be completed before the BEP is accepted. While there is merit to the approach of reaching consensus on the specification and rationale before writing code, the principle of "rough consensus and running code" is still useful when it comes to resolving many discussions of BEL Language and API details.
47



Propose file change

Start BEP-0002

BEP-0002 will enhance BEL by ...

Propose file change

Cancel

Creating a BEL Enhancement Proposal (BEP)

Click the Create pull request button

The following takes more time to describe than to actually do it :)

The screenshot shows the GitHub interface for the 'belbio/bep' repository. The top navigation bar includes 'This repository', 'Search', 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. The repository name 'belbio / bep' is displayed, along with 'Watch' (2), 'Star' (1), and 'Fork' (1) buttons. Below the repository name, there are tabs for 'Code', 'Issues' (0), 'Pull requests' (0), 'Projects' (0), 'Wiki', and 'Insights'. The main heading is 'Comparing changes', with a subtext: 'Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).' Below this, there are dropdown menus for 'base fork: belbio/bep', 'base: master', 'head fork: caronne/bep', and 'compare: patch-1'. A green checkmark indicates 'Able to merge. These branches can be automatically merged.' A prominent green button labeled 'Create pull request' is highlighted with a red arrow. Below the button, it says 'Discuss and review the changes in this comparison with others.' The commit summary shows '1 commit', '1 file changed', '0 commit comments', and '1 contributor'. The commit is dated 'May 04, 2018' and is by 'caronne'. The commit message is 'Start BEP-0002'. The file list shows 'Showing 1 changed file with 0 additions and 0 deletions.' The file is 'TEMPLATE.md' renamed to 'docs/drafts/BEP-0002.md'. The status is 'File renamed without changes.'

Creating a BEL Enhancement Proposal (BEP)

And again - click the 'Create pull request' button

Yes - this is redundant.

The screenshot shows the GitHub web interface for the `belbio/bep` repository. At the top, there's a navigation bar with links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below this, the repository name `belbio/bep` is displayed along with 'Watch' (2), 'Star' (1), and 'Fork' (1) buttons. A secondary navigation bar shows 'Code', 'Issues' (0), 'Pull requests' (0), 'Projects' (0), 'Wiki', and 'Insights'. The main heading is 'Open a pull request', followed by a subtext: 'Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).' Below this, a configuration bar shows 'base fork: belbio/bep', 'base: master', 'head fork: caronne/bep', and 'compare: patch-1'. A green checkmark indicates 'Able to merge. These branches can be automatically merged.' The main form area has a title field containing 'Start BEP-0002' and a 'Write' tab selected. The body text reads 'BEP-0002 will enhance BEL by ...'. Below the text area is a note: 'Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.' There is a checkbox for 'Allow edits from maintainers' (checked) and a green 'Create pull request' button. At the bottom, a summary bar shows '1 commit', '1 file changed', '0 commit comments', and '1 contributor'. Below this, a commit history section shows a commit by 'caronne' titled 'Start BEP-0002' on May 04, 2018. A file diff section shows 'Showing 1 changed file with 0 additions and 0 deletions.' The file is 'TEMPLATE.md → docs/drafts/BEP-0002.md'. The diff content shows 'File renamed without changes.'

Creating a BEL Enhancement Proposal (BEP)

Contributor License Agreement (CLA)

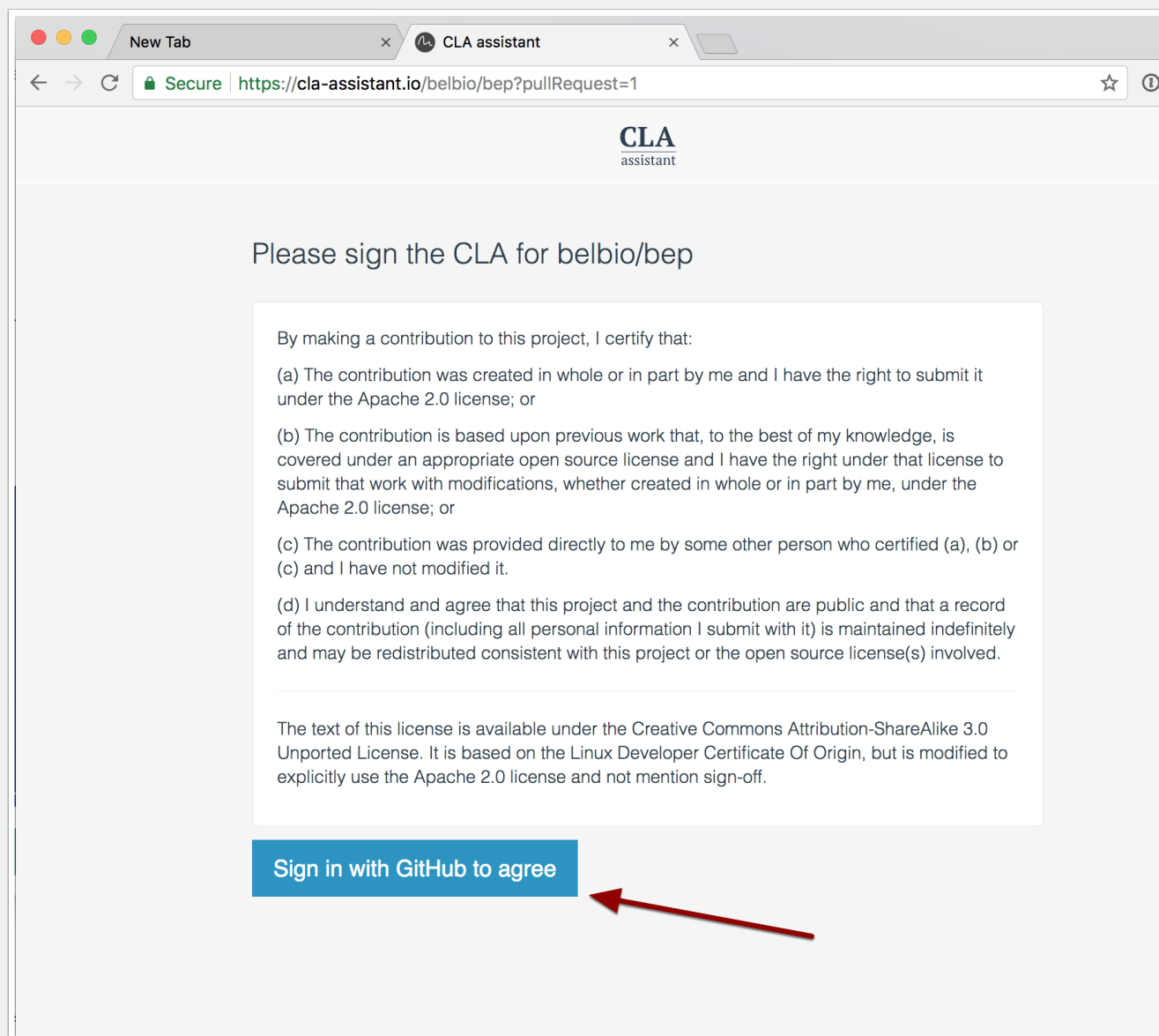
If you haven't contributed to the BEL.bio project before, you'll need to sign the Contributor License Agreement which basically says your contribution is open source and covered by the Apache Software License. All you have to do is click the link pointed to by the red arrow. NOTE: if the CLA text ever changes, you'll have to go through this again.

The screenshot shows a GitHub pull request titled "Start BEP-0002 #1". At the top, it says "caronne wants to merge 1 commit into belbio:master from caronne:patch-1". Below this, there are tabs for "Conversation" (0), "Commits" (1), and "Files changed" (1). A comment from "caronne" states: "BEP-0002 will enhance BEL by ...". Below that, a comment from "CLAassistant" says: "CLA not signed yet. Thank you for your submission, we really appreciate it. Like many open source projects, we ask that you sign our [Contributor License Agreement](#) before we can accept your contribution. You have signed the CLA already but the status is still pending? Let us [recheck](#) it." A red arrow points to the "Contributor License Agreement" link. At the bottom, a "Checks" section shows "Some checks haven't completed yet" with "1 pending check". One check, "license/cla", is pending with the message "Contributor License Agreement is not signed yet." Another check, "This branch has no conflicts with the base branch", is successful. On the right side, there are sections for "Reviewers" (No reviews), "Assignees" (No one assigned), "Labels" (None yet), "Projects" (None yet), "Milestone" (No milestone), "Notifications" (Unsubscribe button), and "2 participants".

Creating a BEL Enhancement Proposal (BEP)

Sign the CLA

By using your Github account, you can electronically 'sign' the CLA document.



The screenshot shows a web browser window with the URL <https://cla-assistant.io/belbio/bep?pullRequest=1>. The page title is "CLA assistant". The main heading is "Please sign the CLA for belbio/bep". Below this, a text box contains the following text:

By making a contribution to this project, I certify that:

- (a) The contribution was created in whole or in part by me and I have the right to submit it under the Apache 2.0 license; or
- (b) The contribution is based upon previous work that, to the best of my knowledge, is covered under an appropriate open source license and I have the right under that license to submit that work with modifications, whether created in whole or in part by me, under the Apache 2.0 license; or
- (c) The contribution was provided directly to me by some other person who certified (a), (b) or (c) and I have not modified it.
- (d) I understand and agree that this project and the contribution are public and that a record of the contribution (including all personal information I submit with it) is maintained indefinitely and may be redistributed consistent with this project or the open source license(s) involved.

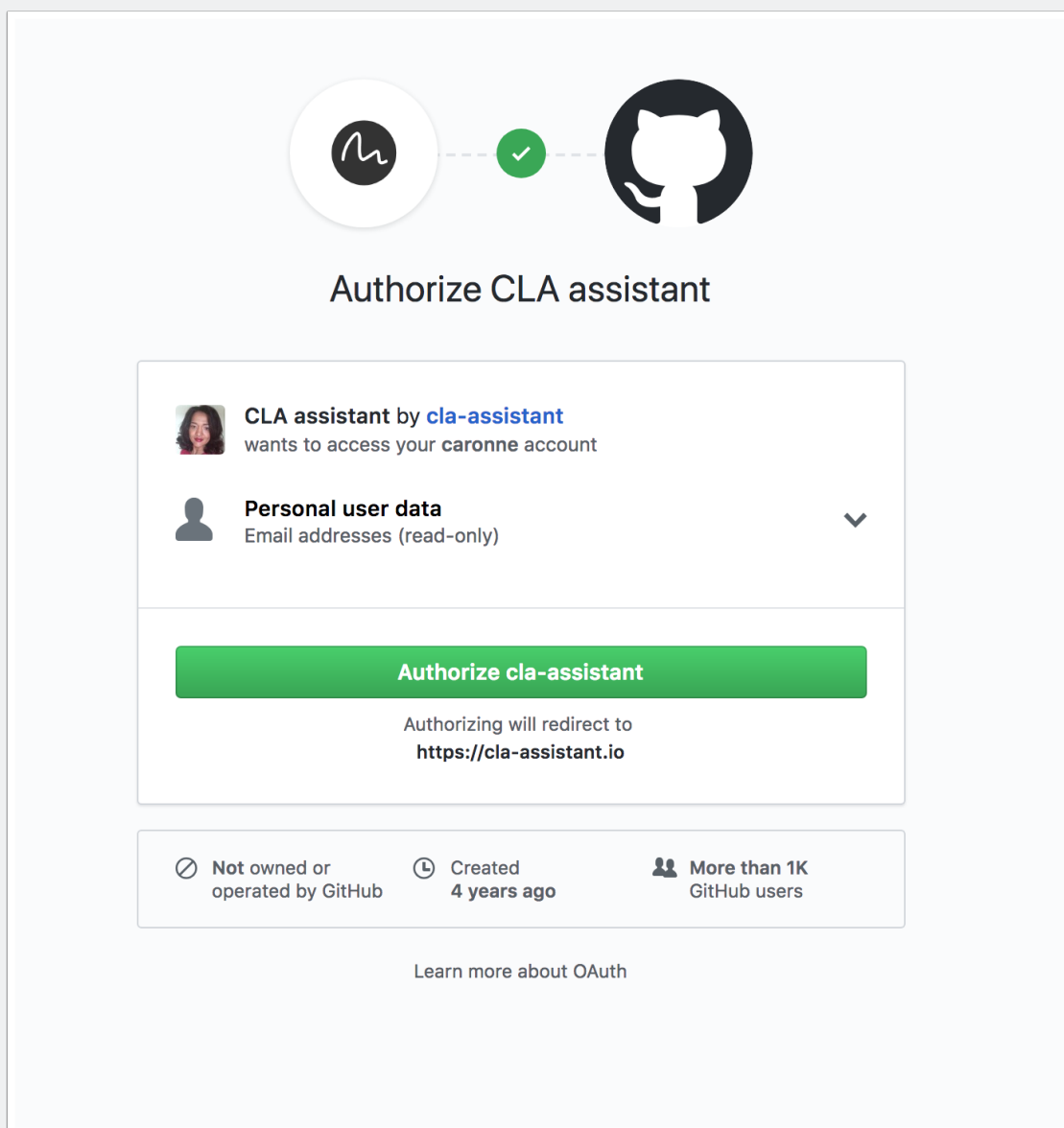
Below the text box, there is a link: "The text of this license is available under the Creative Commons Attribution-ShareAlike 3.0 Unported License. It is based on the Linux Developer Certificate Of Origin, but is modified to explicitly use the Apache 2.0 license and not mention sign-off."

At the bottom, there is a blue button labeled "Sign in with GitHub to agree". A red arrow points to this button.

Creating a BEL Enhancement Proposal (BEP)

Click the green button


This is where your Github account is used to verify that you are you and it takes you to our CLA Assistant robot that adds you (your Github account) to our list of contributors and then automatically redirects you back to Github.




Creating a BEL Enhancement Proposal (BEP)


Successful Submission of your BEP


Start BEP-0002 #1

 **Open**


 caronne wants to merge 1 commit into `belbio:master` from `caronne:patch-1`

 Conversation 1

 Commits 1



 Files changed 1


+0



caronne commented 2 minutes ago

BEP-0002 will enhance BEL by ...

 Start BEP-0002  Verified ✓ 2458730




CLAassistant commented 2 minutes ago • edited

CLA signed

All committers have signed the CLA.

Add more commits by pushing to the `patch-1` branch on `caronne/bep`.



✓ All checks have passed

1 successful check [Show all checks](#)

✓ This branch has no conflicts with the base branch


Only those with [write access](#) to this repository can merge pull requests.

WritePreview

AA B i “ < > ↻ ⋮ ⋮ ⋮ ↶ @ ★

Leave a comment

Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.

 Styling with Markdown is supported

Close pull request

Comment

Reviewers

No reviews

Assignees

No one assigned

Labels

None yet


Projects

None yet

Milestone



No milestone

Notifications


 Unsubscribe

You're receiving notific because you authored

2 participants



☒ Allow edits from me [Learn more](#)

 **ProTip!** Add comments to specific lines under [Files changed](#).

Creating a BEL Enhancement Proposal (BEP)

Cancelling your BEP

If you decide to cancel your BEP, you can select the 'Close pull request' button in the previous screenshot - and you will see the following screen. Please also delete your branch (button pointed to by the red arrow).

Start BEP-0002 #1

Closed caronne wants to merge 1 commit into `belbio:master` from `caronne:patch-1`

Conversation 1 Commits 1 Files changed 1 +0 -0

caronne commented 2 minutes ago

BEP-0002 will enhance BEL by ...

Start BEP-0002 Verified ✓ 2458730

CLAassistant commented 2 minutes ago • edited

CLA signed

All committers have signed the CLA.

caronne closed this just now

Closed with unmerged commits

This pull request is closed, but the `caronne:patch-1` branch has unmerged commits.

Delete branch

Write Preview AA B i “ > < : : : : ↶ @

Leave a comment

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Styling with Markdown is supported

Reopen pull request Comment

Reviewers

No reviews

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Notifications

Unsubscribe

You're receiving notifications because you modified the open/close state.

2 participants

Allow edits from maintainer Learn more

ProTip! Add comments to specific lines under [Files changed](#).

Creating a BEL Enhancement Proposal (BEP)

Completely closed and deleted proposal

The screenshot displays a GitHub pull request interface for a proposal titled "Start BEP-0002 #1". The pull request is in a "Closed" state, indicated by a red banner at the top. It shows a merge of 1 commit from the "caronne:patch-1" branch into the "belbio:master" branch. The interface includes a navigation bar with tabs for Code, Issues, Pull requests (selected), Projects, Wiki, and Insights. Below the title, there are tabs for Conversation (1), Commits (1), and Files changed (1). The main content area shows a conversation history: a comment from "caronne" stating "BEP-0002 will enhance BEL by ...", a comment from "CLAassistant" stating "All committers have signed the CLA.", and a status update from "caronne" stating "caronne closed this 22 seconds ago". Below this, a message indicates that "caronne deleted the caronne:patch-1 branch just now", with a "Restore branch" button. The right sidebar contains sections for Reviewers (No reviews), Assignees (No one assigned), Labels (None yet), Projects (None yet), Milestone (No milestone), Notifications (Unsubscribe button), and 2 participants (avatars of "caronne" and "CLAassistant"). At the bottom, there is a "Write" comment box with a "Comment" button and a "ProTip!" message: "Add comments to specific lines under Files changed."

<> Code 0 Issues **1 Pull requests** 0 Projects Wiki Insights

Start BEP-0002 #1 Edit

Closed caronne wants to merge 1 commit into belbio:master from caronne:patch-1

Conversation 1 Commits 1 Files changed 1 +0 -0

caronne commented 3 minutes ago

BEP-0002 will enhance BEL by ...

Start BEP-0002 Verified ✓ 2458730

CLAassistant commented 3 minutes ago • edited

CLA signed

All committers have signed the CLA.

caronne closed this 22 seconds ago

caronne deleted the caronne:patch-1 branch just now Restore branch

Write **Preview** AA B i “ > ↶ ⋮ ⋮ ⋮ ↶ @

Leave a comment

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Styling with Markdown is supported Reopen pull request Comment

ProTip! Add comments to specific lines under [Files changed](#).

Reviewers
No reviews

Assignees
No one assigned

Labels
None yet

Projects
None yet

Milestone
No milestone

Notifications
Unsubscribe
You're receiving notifications because you modified the open/close state.

2 participants

☐ Allow edits from maintainers. [Learn more](#)