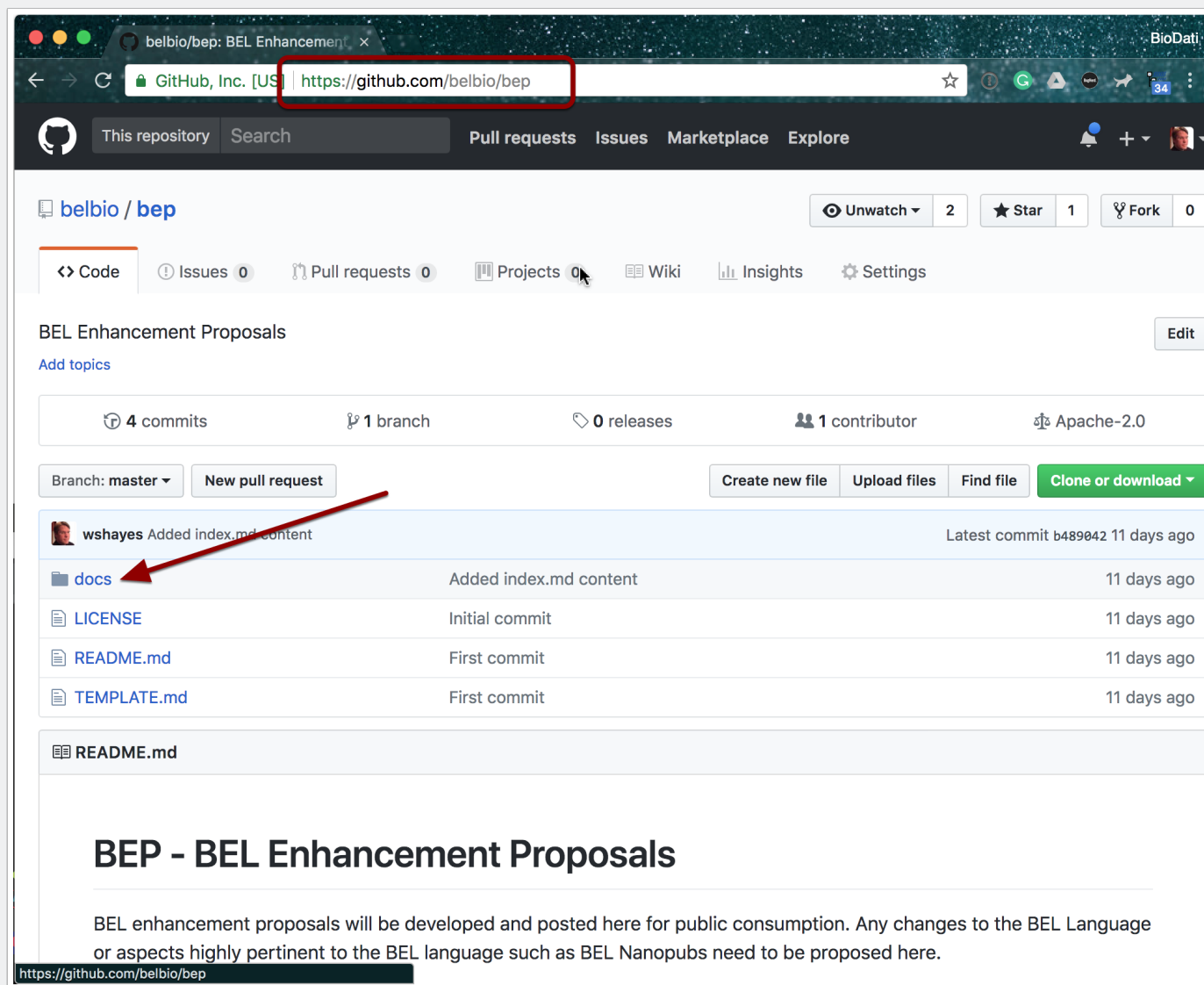


# Creating a BEL Enhancement Proposal (BEP)

## 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 `docs` directory highlighted with a red arrow. Below the file list, the `README.md` file is displayed, containing the following text:

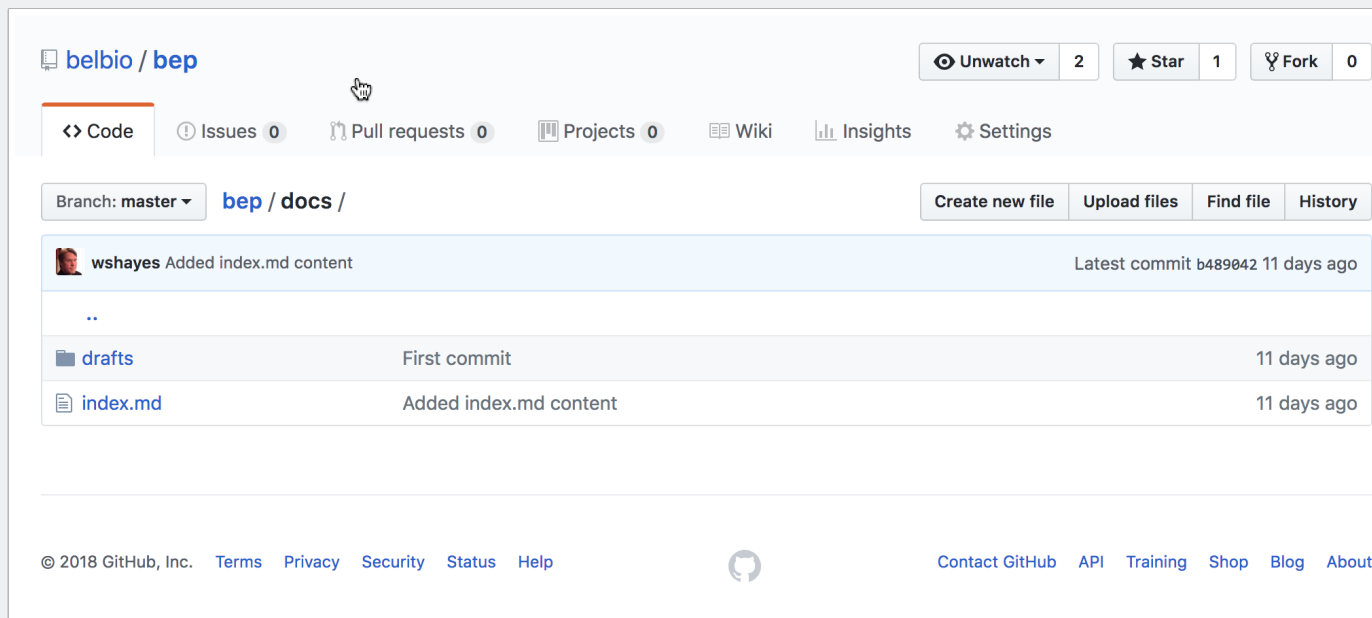
## BEP - BEL Enhancement Proposals

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 repository page for 'belbio / bep'. The repository has 2 Unwatch, 1 Star, and 0 Forks. The main navigation bar includes links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Insights, and Settings. The repository is on the 'master' branch, and the current path is 'bep / docs /'. The commit history shows a commit by 'wshayes' titled 'Added index.md content' with the latest commit hash 'b489042' 11 days ago. Below this, a table lists the commit history:

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

The footer of the page includes the GitHub logo and links for Terms, Privacy, Security, Status, Help, Contact GitHub, API, Training, Shop, Blog, and About.

# Creating a BEL Enhancement Proposal (BEP)

## Gmail - BioDati

belbio / bep

Unwatch

2

Star

1

Fork

0

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

BEL Enhancement Proposals

Edit

Add topics

4 commits

1 branch

0 releases

1 contributor

Apache-2.0

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

wshayes

Added index.md content

Latest commit b489042 11 days ago

docs

Added index.md content

11 days ago

LICENSE

Initial commit

11 days ago

README.md

First commit

11 days ago

TEMPLATE.md

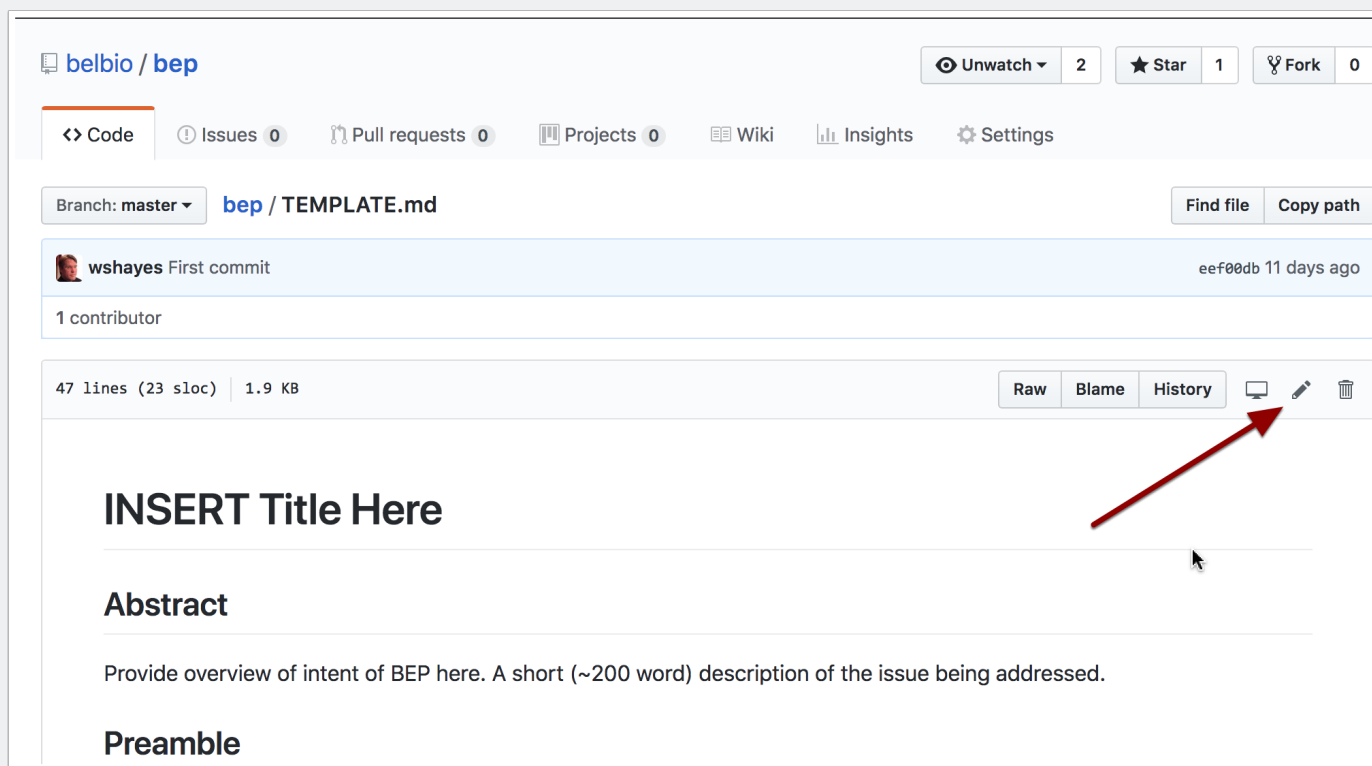
First commit

11 days ago

# Creating a BEL Enhancement Proposal (BEP)

## Edit TEMPLATE.md

Click on the pencil icon pointed to by the red arrow.



The screenshot shows the GitHub interface for the repository 'belbio / bep'. The file 'TEMPLATE.md' is selected, showing its commit history and content. The file is 47 lines (23 sloc) and 1.9 KB. The content includes sections for 'INSERT Title Here', 'Abstract', and 'Preamble'. A red arrow points to the pencil icon in the file toolbar, indicating the edit action.

belbio / bep

Unwatch 2 Star 1 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Branch: master bep / TEMPLATE.md Find file Copy path

wshayes First commit eef00db 11 days ago

1 contributor

47 lines (23 sloc) 1.9 KB Raw Blame History

**INSERT Title Here**

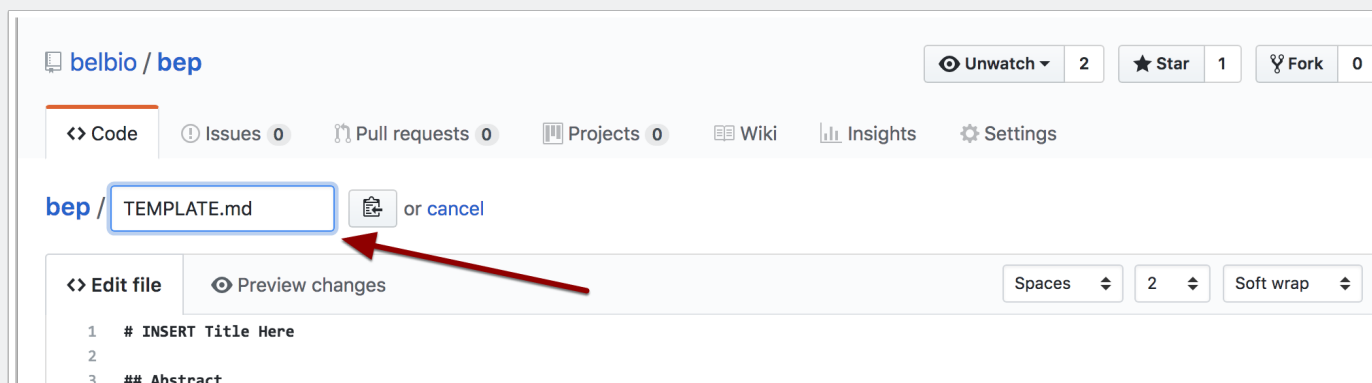
**Abstract**

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

**Preamble**

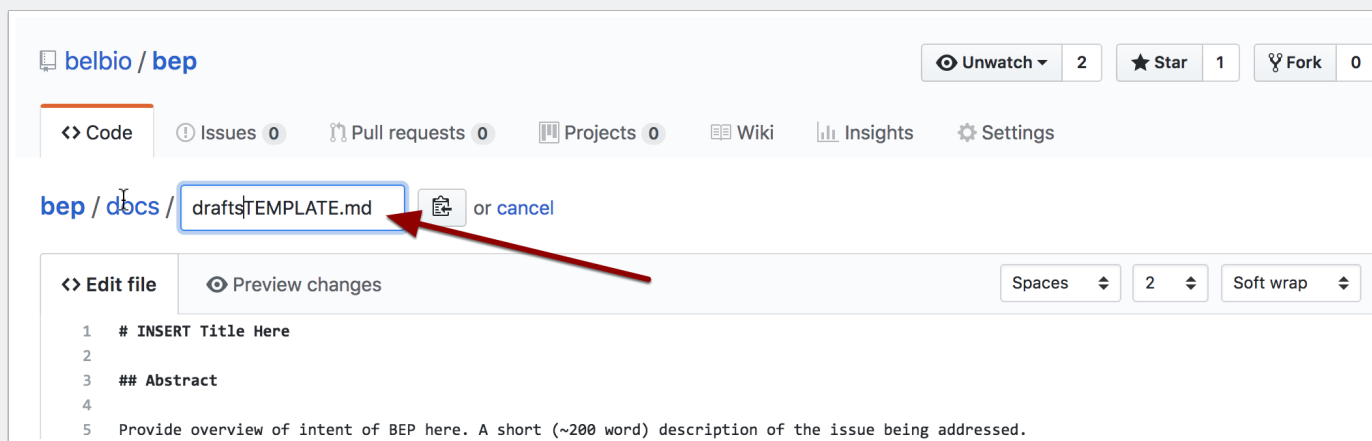
# Creating a BEL Enhancement Proposal (BEP)

## Change the directory and name of TEMPLATE.md



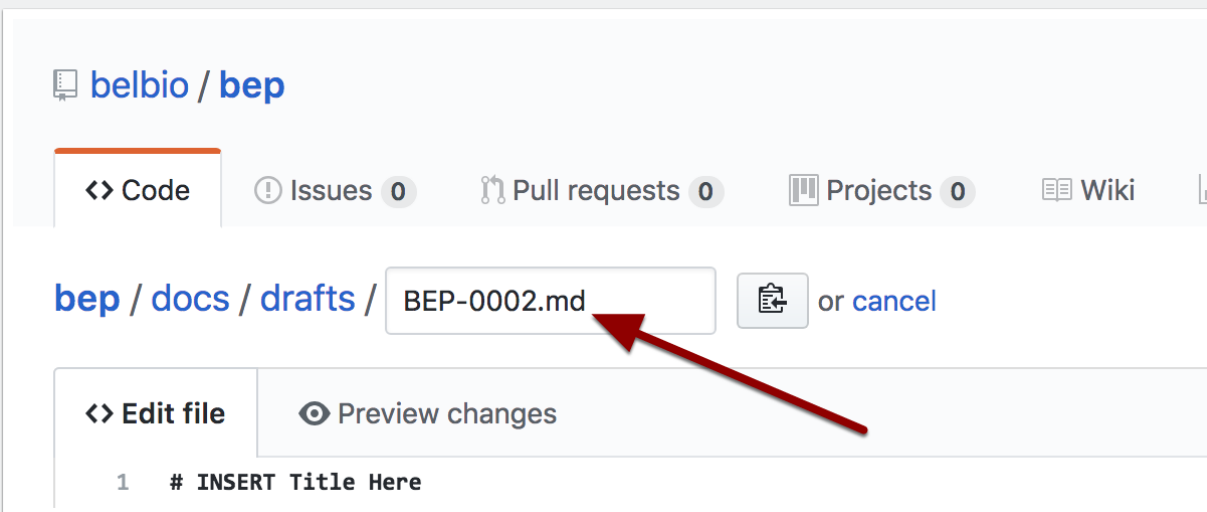
## Enter the directory

By adding 'docs/', it added the docs folder, adding 'drafts/' will add a drafts subdirectory.




# Creating a BEL Enhancement Proposal (BEP)

## Enter BEP proposal name



belbio / bep

<> Code Issues 0 Pull requests 0 Projects 0 Wiki

bep / docs / drafts /   or [cancel](#)

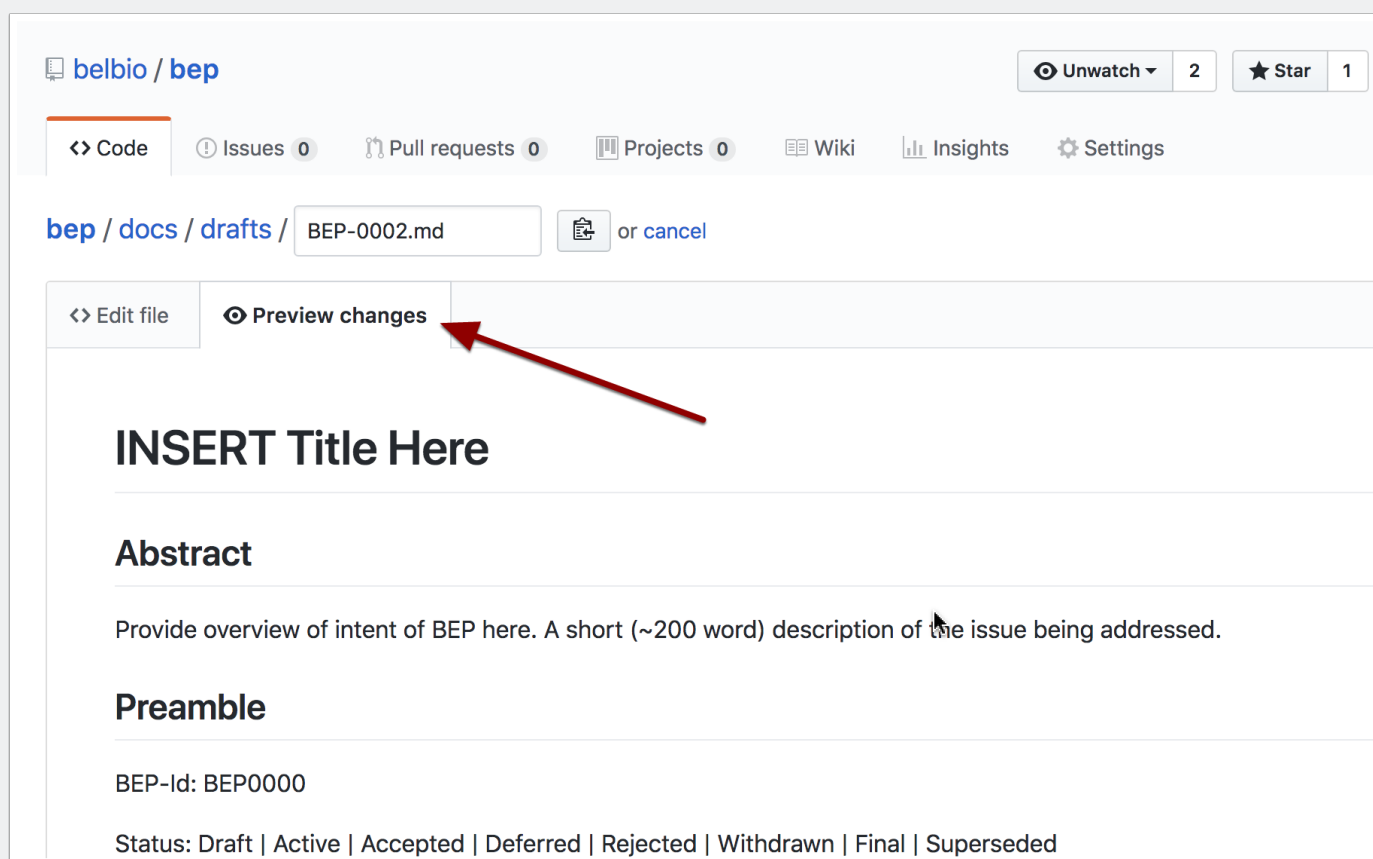
<> Edit file Preview changes

1 # INSERT Title Here

# 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. At the top, there's a navigation bar with '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. The main section is titled 'Comparing changes' and includes a message: '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's a comparison bar showing 'base fork: belbio/bep' and 'base: master' on the left, and 'head fork: caronne/bep' and 'compare: patch-1' on the right. 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.' Further down, there's a summary bar showing '1 commit', '1 file changed', '0 commit comments', and '1 contributor'. The commit history shows a commit by 'caronne' on May 04, 2018, titled 'Start BEP-0002'. The file diff section shows 'Showing 1 changed file with 0 additions and 0 deletions.' and a file named 'TEMPLATE.md' that has been renamed to 'docs/drafts/BEP-0002.md' 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 'Open a pull request' page for the repository 'belbio/bep'. The page header includes navigation links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. The repository name 'belbio/bep' is displayed 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 '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, 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.' The main content 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, there is a note: 'Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.' A checkbox 'Allow edits from maintainers. [Learn more](#)' is checked. A green 'Create pull request' button is at the bottom right. The bottom section shows commit details: '1 commit', '1 file changed', '0 commit comments', and '1 contributor'. It lists a commit by 'caronne' titled 'Start BEP-0002' with a file 'TEMPLATE.md' changed. The file diff shows 'File renamed without changes.' from 'TEMPLATE.md' to 'docs/drafts/BEP-0002.md'.

# 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.

# Creating a BEL Enhancement Proposal (BEP)

The screenshot shows a GitHub pull request interface for the repository `belbio/bep`. The pull request is titled "Start BEP-0002 #1" and is in the "Open" state. It shows a merge of 1 commit from the `caronne:patch-1` branch into the `belbio:master` branch. The interface includes a header with repository navigation (Code, Issues, Pull requests, Projects, Wiki, Insights) and repository statistics (Watch: 2, Star: 1, Fork: 1). Below the header, the pull request details are shown, including a conversation tab with 0 comments, 1 commit, and 1 file changed. The main content area displays two comments: one from "caronne" stating "BEP-0002 will enhance BEL by ..." and another from "CLAassistant" stating "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." The right sidebar shows the pull request's status, including "No reviews", "No one assigned", "None yet" for labels and projects, "No milestone", and "2 participants". A "Check for updates" button is visible. Below the comments, a "Check for updates" button is present. The bottom section shows a "Write" tab with a text area for comments, a "Preview" tab, and a "Close pull request" button. The bottom right corner features a "Comment" button.

belbio / bep

Watch 2 Star 1 Fork 1

Code Issues 0 Pull requests 1 Projects 0 Wiki Insights

## Start BEP-0002 #1

Edit

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

Conversation 0 Commits 1 Files changed 1 +0 -0

caronne commented just now

BEP-0002 will enhance BEL by ...

Start BEP-0002 ... Verified 2458730

CLAassistant commented just now

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.

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

Some checks haven't completed yet 1 pending check Hide all checks

- license/cia Pending — Contributor License Agreement is not signed yet. Details

This branch has no conflicts with the base branch Only those with [write access](#) to this repository can merge pull requests.

Write Preview AA B i " < > 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 notifications because you authored the thread.

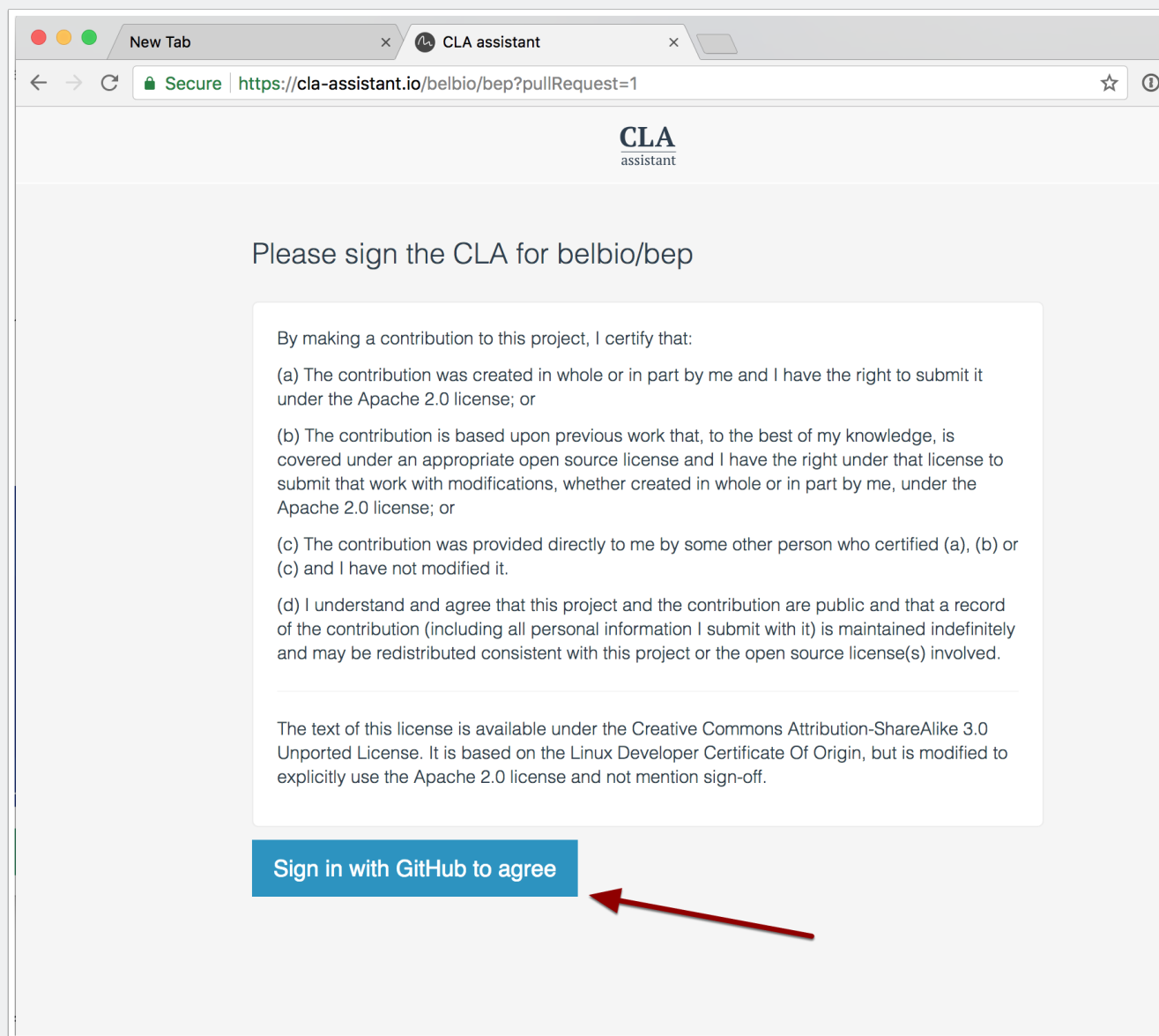
2 participants

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

# 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.

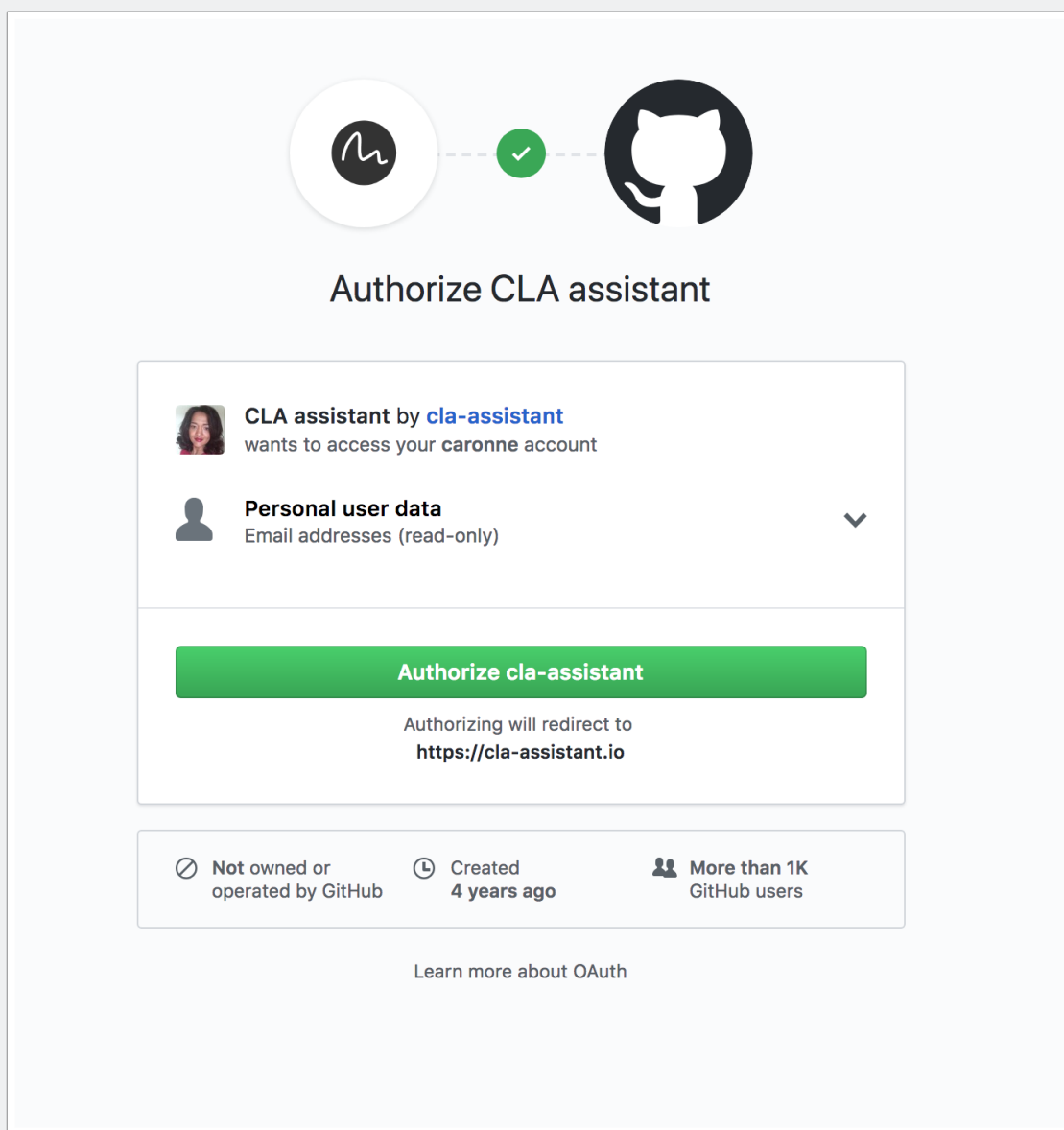
Below the text box, there is a link: "The text of this license is available under the Creative Commons Attribution-ShareAlike 3.0 Unported License. It is based on the Linux Developer Certificate Of Origin, but is modified to explicitly use the Apache 2.0 license and not mention sign-off."

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




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.



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

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 notifications because you authored

2 participants



☒ Allow edits from maintainers

[Learn more](#)

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

CREATING A BEL ENHANCEMENT PROPOSAL (BEP)

15

# 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

**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 maintainer [Learn more](#)



# Creating a BEL Enhancement Proposal (BEP)


## Completely closed and deleted proposal

[Code](#) [Issues 0](#) [Pull requests 1](#) [Projects 0](#) [Wiki](#) [Insights](#)

### Start BEP-0002 #1

🔒 **Closed** caronne wants to merge 1 commit into `belbio:master` from `caronne:patch-1` [Edit](#)


[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](#)

**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](#)

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

CREATING A BEL ENHANCEMENT PROPOSAL (BEP)

17