

How to contribute to elementary

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elementary Developer Weekend 21

Why?

**Write software
that people
actually use**

Write software (that no one used)

- PhD in CS - Python libraries and ML experiments
- R&D developer - Java + OCR techniques

(Write code) that people actually use

- Teaching Assistant Professor in Computer Engineering
 - autograding scripts
 - code examples
 - project prototypes

Why elementary?

- It ended distro hopping for me
- **Designed** to stay out of the way
- Awesome **community**

Where?

1. **Technical contributions**
2. Translation
3. User support
4. Financial support (GitHub Sponsors, Patreon, etc)

Where: technical contributions

1. Explore elementary's Github organization
2. **Find an issue**
3. Look for `bitesize` or `newcomers` tags

How?

1. How to fix the issue
2. How to create a Pull Request
3. How to get it accepted

How to fix an issue

Live demo

How to fix an issue (summary)

1. clone repo and build it
2. run your own version and reproduce the bug
3. explore the project
4. fix the bug
5. create branch with modifications
6. push to your fork

How to create a pull request

Live demo

How to create a pull request (summary)

1. create pull request
2. address requests for modifications
3. update pull request / merge `main`
4. repeat until merged

Contributing is not a one-way street

- Maintainers review your code and suggest improvements
- Maintainers are committing to support and evolve your code
- If it breaks, it's their problem, not yours
- If it makes creating new features hard, it's their problem, not yours

Pull Requests are an exchange of value and responsibility between contributors and maintainers

Discussions in Pull Requests

Mirror image created eg text is reversed #38



bigalgeorge opened this issue on Aug 11, 2017 · 2 comments



bigalgeorge commented on Aug 11, 2017 • edited by danrabbit ▾



Steps to reproduce the issue

1. Take a picture of a page and text is mirrored when it needs to be copied
- 2.
- 3.

Expected behavior

Option or parameter available to allow eg mirror, or copy mode.

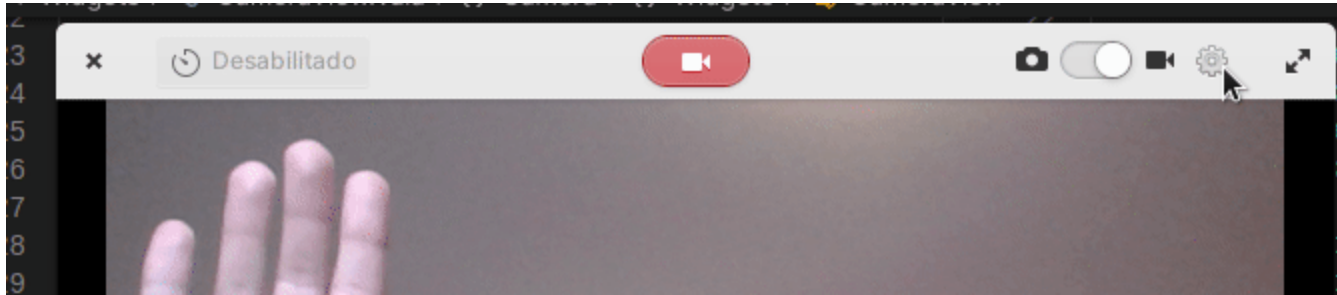
Describe what you expected to happen.

I use camera to take pictures of parcels before sending them and the image is a mirror, so I have to horizontal flip to fix text. I would expect to have mirror or copy sticky setting either in parameters or in UI

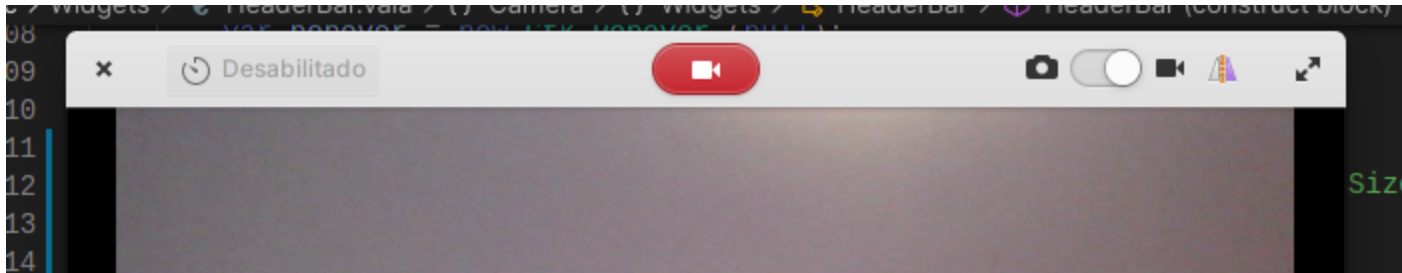
Appreciate additional: [Enter] as capture button additional, User define save directory.

Version 1

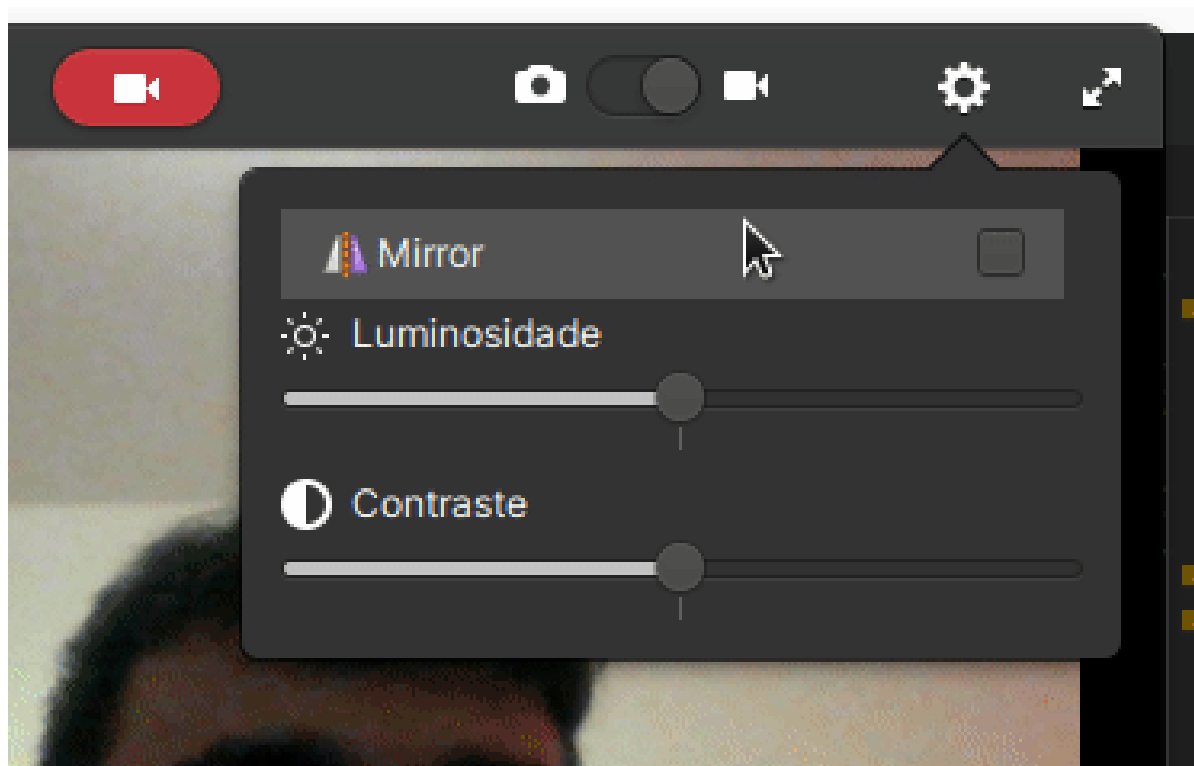
Suggestion:



Alternative:



Version 2



Version 2 - problems



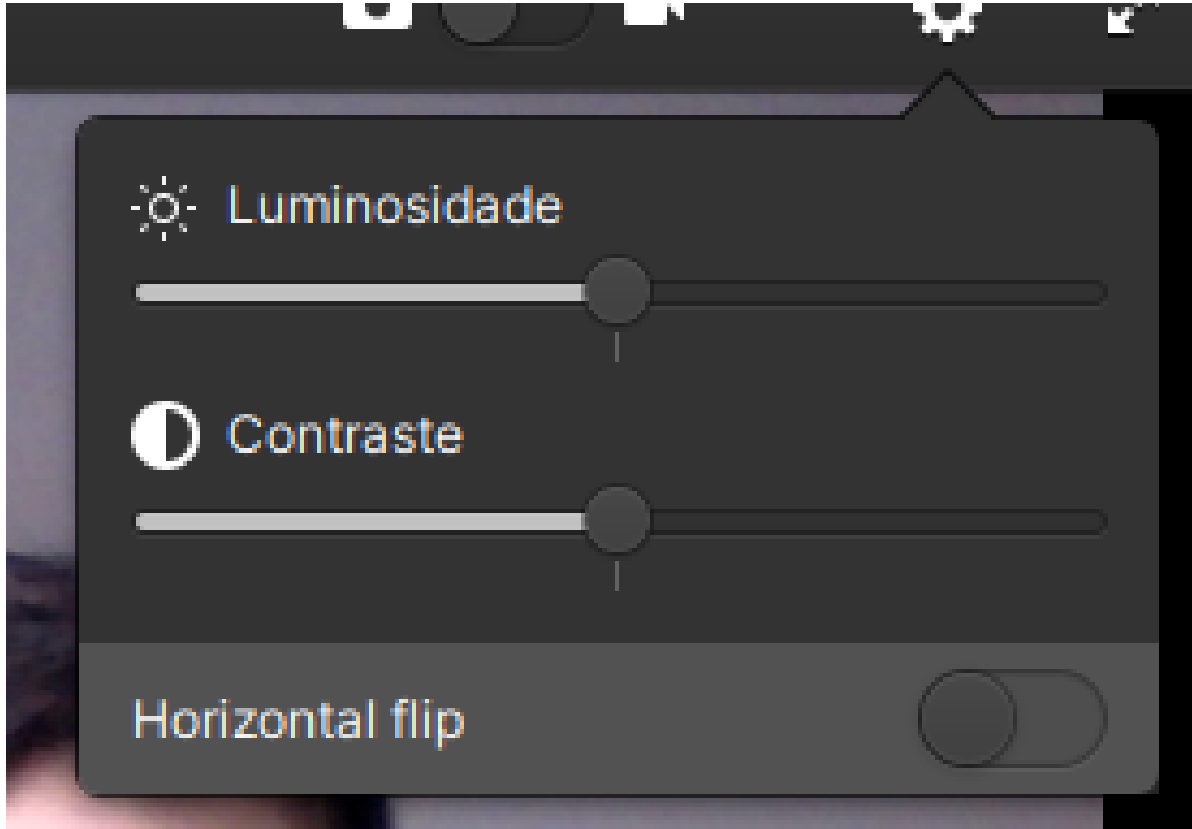
cassidyjames commented on Nov 5, 2020 • edited ▾

Member 😊 ⋮

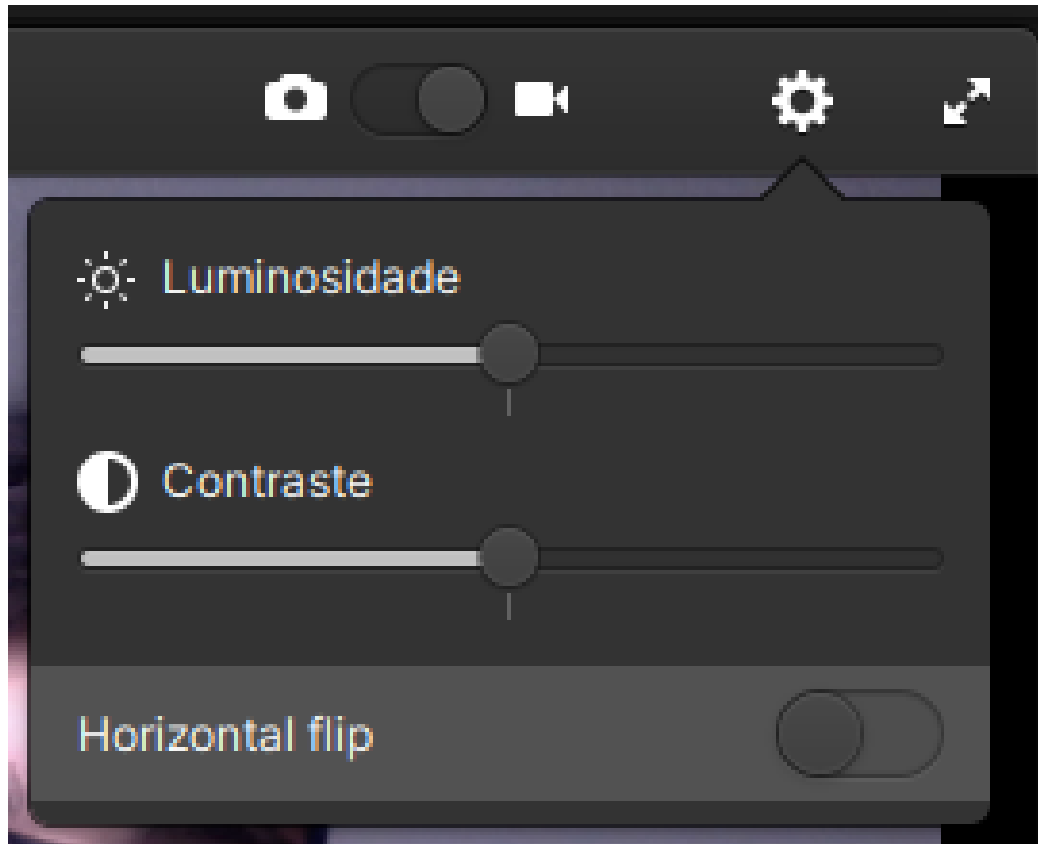
@igordsm no, I did mean ModelButton, just with a switch—like we use in the Terminal settings popover. 😊



Version 3



Accepted



How to get a PR merged

- Follow project guidelines for code and pull requests
 - linting
 - tests
 - design language
- Be polite
- Accept criticism and improve upon suggestions
- Mark a PR as *draft* if it is not finished

Do whatever is adequate when [requesting](#) someone to do something for you

Final thoughts

Contributing made me a better developer

Design is important

Community is great