

How to not suck at github

Ein Einblick in eine etwas andere Community und die Anleitung zur Unterstützung freier Software-Projekte

Sebastian Muszynski

18.09.2017



GitHub

■ Kollaborative Versionsverwaltung

- Hosting von Quellcode
- Versionsverwaltung
- Diskussionsplattform
- Bug-Tracker
- Projektseiten & Wiki



The screenshot shows the GitHub homepage with a dark background featuring a circuit board pattern. At the top, there's a navigation bar with links for Features, Business, Explore, Marketplace, and Pricing. A search bar and sign-in links are also present. The main headline reads "Built for developers". Below it, a paragraph explains GitHub's mission: "GitHub is a development platform inspired by the way you work. From **open source** to **business**, you can host and review code, manage projects, and build software alongside millions of other developers." To the right of this text is a sign-up form with fields for Username, Email, Password, and a "Sign up for GitHub" button. Below the form is a small note about terms of service and privacy policy.

The screenshot continues from the previous one, showing more features. In the center, a section titled "A better way to work together" emphasizes teamwork: "GitHub brings teams together to work through problems, move ideas forward, and learn from each other along the way." Below this is a "Sign up your team" button. Further down, there are three main sections: "Write better code" (with a sub-section on code review), "Manage your chaos" (with a sub-section on project management), and "Experience the Octoshop" (with a sub-section on the GitHub Universe). Each section includes a small icon and a link to learn more.

GitHub ist weit mehr als Git

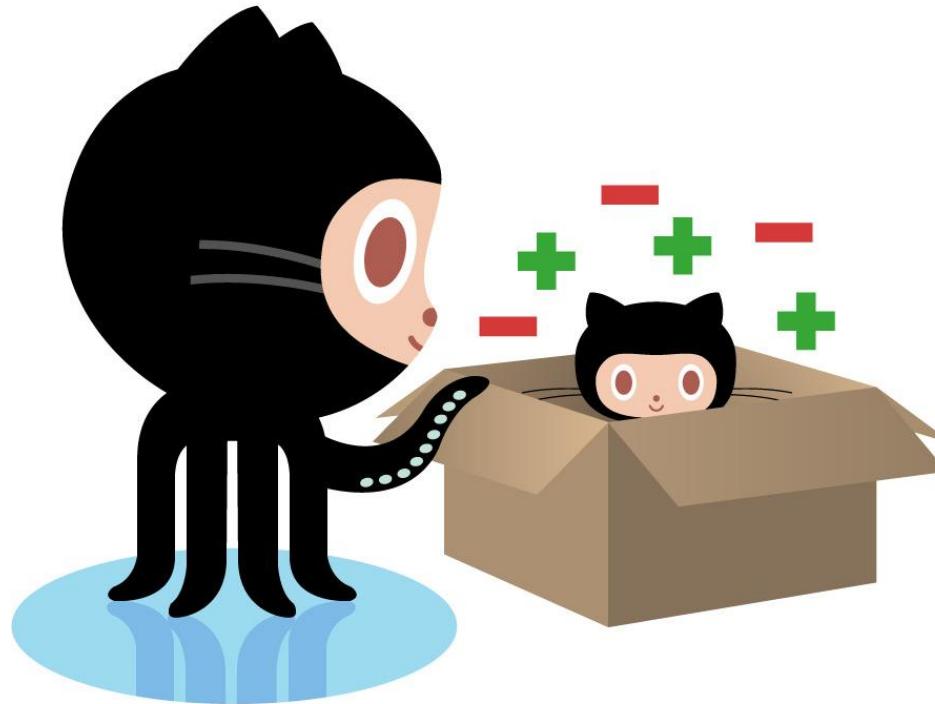


git



github
SOCIAL CODING

Was ist Git?



Repositories



Repositories

Features Business Explore Marketplace Pricing Search GitHub Sign in or Sign up



Calm the hell down

Sebastian Muszynski
syssi

Block or report user

Bonn, Germany

Overview Repositories 24 Stars 14 Followers 6 Following 9

Search repositories... Type: All Language: All

home-assistant
Forked from home-assistant/home-assistant
 Python  1  2,538 Updated 6 hours ago



home-assistant.github.io
Forked from home-assistant/home-assistant.github.io
 Jekyll project to generate home-assistant.io
 HTML  1,265 Updated a day ago



PyXiaomiGateway
Forked from Danielhiversen/PyXiaomiGateway
PyXiaomiGateway

 Python  4 Updated a day ago



Fork



Fork

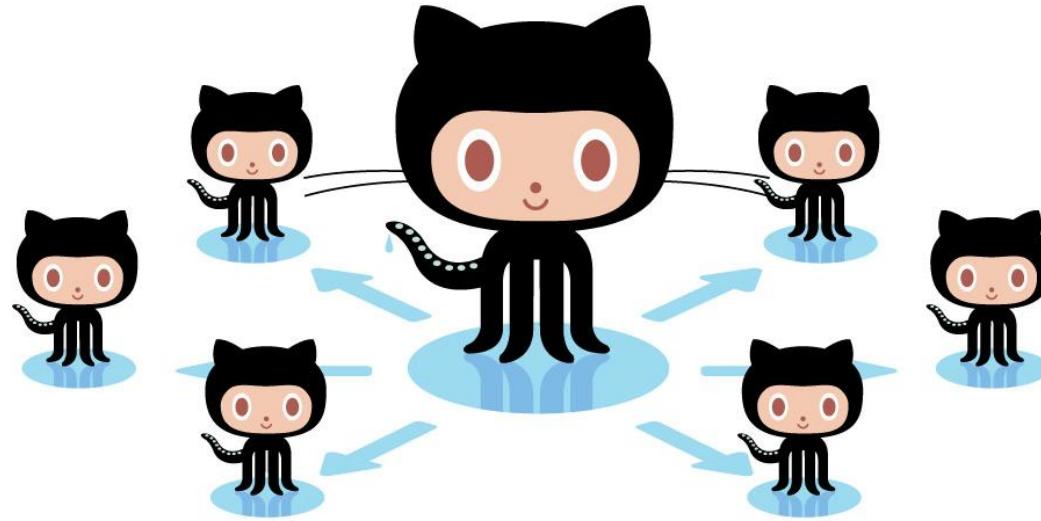
The screenshot shows the GitHub repository page for `home-assistant/home-assistant`. The top navigation bar includes links for Features, Business, Explore, Marketplace, Pricing, and a search bar for "This repository" and "Search". On the right, there are buttons for "Sign in or Sign up". Below the header, the repository name is displayed with a house icon. To the right are buttons for "Watch" (498), "Star" (8,192), "Fork" (2,540), and Insights.

Below the main header, there are tabs for "Code", "Issues 417", "Pull requests 50", "Projects 0", and "Insights". A summary section displays metrics: 10,680 commits, 8 branches, 140 releases, and 659 contributors. A dropdown menu shows the current branch is "dev". There are buttons for "New pull request", "Find file", and "Clone or download".

The main content area lists recent commits:

Author	Commit Message	Time Ago
	fabaff committed on GitHub Upgrade pyasn1 to 0.3.5 and pyasn1-modules to 0.1.4 (#9474)	Latest commit ced642c 7 hours ago
	.github Use H2 headers to split up the different sections (#6183)	7 months ago
	docs Update links.html	4 months ago
	homeassistant Upgrade pyasn1 to 0.3.5 and pyasn1-modules to 0.1.4 (#9474)	7 hours ago
	script Update cloud auth (#9357)	6 days ago
	tests Adds MQTT Fan Discovery (#9463)	a day ago
	virtualization 9043 Fixed error while running dev docker (#9044)	27 days ago
	.coveragerc DoorBird Component (#9281)	18 hours ago
	.dockerrc Docker cleanup. (#8226)	3 months ago

Clone



Clone

This screenshot shows the GitHub repository page for `syssi/home-assistant`. The repository is a fork of the original `home-assistant/home-assistant`.

The top navigation bar includes links for `Pull requests`, `Issues`, `Marketplace`, and `Explore`. On the right side of the header, there are buttons for `Unwatch`, `Star`, `Fork`, and a notification bell.

The repository details section shows the following statistics:

- `10,640 commits`
- `24 branches`
- `130 releases`
- `645 contributors`

Below the stats, there are buttons for `Branch: dev`, `New pull request`, `Create new file`, `Upload files`, `Find file`, and a prominent green `Clone or download` button.

A message indicates that the `dev` branch is 40 commits behind the `home-assistant:dev` branch. A list of recent commits is shown:

- `morberg committed with balloob Add LC_CTYPE to environment variables in macOS (#9227)` - 4 days ago
- `.github` - Use H2 headers to split up the different sections (#6183) - 6 days ago
- `docs` - Update links.html - 5 days ago
- `homeassistant` - Add LC_CTYPE to environment variables in macOS (#9227) - 27 days ago
- `script` - Update cloud auth (#9357) - 9 days ago
- `tests` - Fix copy&paste mistake (#9378) - 9 days ago
- `virtualization` - 9043 Fixed error while running dev docker (#9044) - 9 days ago
- `.coveragerc` - Adds the AirVisual air quality sensor platform (#9320) - 3 months ago
- `.dockerrcignore` - Docker cleanup. (#8226) - 3 months ago

On the right side, there are options to `Clone with SSH` or `Use HTTPS`, and a `Download ZIP` button.

Branches



Branches

The screenshot shows the GitHub repository page for `syssi/home-assistant`. The repository is a fork from `home-assistant/home-assistant`. The main navigation bar includes links for `Pull requests`, `Issues`, `Marketplace`, and `Explore`. On the right side of the header, there are buttons for `Unwatch`, `Star`, `Fork`, and a bell icon. The repository summary section displays statistics: 10,640 commits, 24 branches, 130 releases, and 645 contributors. A modal window titled "Switch branches/tags" is open, showing a dropdown menu with several branch names: `add-bind-hass` (selected), `bump_pyvera`, `dev` (checked), `discoverable`, `feature/curtain`, `feature/ln-switch-power-consumption`, `feature/mirobo-version-bump`, and `fix-airvisual`. Below the modal, the repository's commit history is visible, showing recent changes like "H2 headers to split up the different sections" and "LC_CTYPE to environment variables in macOS".

This repository was forked from `home-assistant/home-assistant`.

10,640 commits · 24 branches · 130 releases · 645 contributors

Branch: dev ▾ New pull request

Switch branches/tags

Find or create a branch...

Branches Tags

- `add-bind-hass`
- `bump_pyvera`
- `dev` (checked)
- `discoverable`
- `feature/curtain`
- `feature/ln-switch-power-consumption`
- `feature/mirobo-version-bump`
- `fix-airvisual`

Open-source home automation platform running on Python 3 <https://home-assistant.io>

10,640 commits · 24 branches · 130 releases · 645 contributors

Create new file Upload files Find file Clone or download ▾

H2 headers to split up the different sections (#6183) 7 months ago

LC_CTYPE to environment variables in macOS (#9227) 4 days ago

Update cloud auth (#9357) 6 days ago

Copy&paste mistake (#9378) 5 days ago

Fixed error while running dev docker (#9044) 27 days ago

Add the AirVisual air quality sensor platform (#9320) 9 days ago

Minor cleanup. (#8226) 3 months ago

Minor cleanup. (#8226) 3 months ago

Coding



Commits



Commits

This repository Search Pull requests Issues Marketplace Explore

syssi / home-assistant forked from home-assistant/home-assistant

Unwatch 1 Star 1 Fork 2,540

Code Pull requests 0 Projects 0 Settings Insights

Raise PlatformNotReady exception if light cannot be discovered.

feature/phillipslight (#9087)

syssi committed 26 days ago 1 parent e3b027c commit 2da13827d90ff47f3d21fed20a280c76fd4af1c5

Showing 1 changed file with 9 additions and 7 deletions.

View Unified Split

16 homeassistant/components/light/xiaomi_philipslight.py

```
@@ -11,15 +11,13 @@
11   11
12  12  import voluptuous as vol
13  13
14 -from homeassistant.util.color import (
15 -    color_temperature_kelvin_to_mired as kelvin_to_mired,
16 -
17  14  import homeassistant.helpers.config_validation as cv
18  15  from homeassistant.components.light import (
19  16      PLATFORM_SCHEMA, ATTR_BRIGHTNESS, SUPPORT_BRIGHTNESS,
20  17      ATTR_COLOR_TEMP, SUPPORT_COLOR_TEMP, Light,
21  18
22  19  from homeassistant.const import (CONF_NAME, CONF_HOST, CONF_TOKEN,
23  20 +from homeassistant.exceptions import PlatformNotReady
24  21
25  22  _LOGGER = logging.getLogger(__name__)
26
27  @@ -44,7 +42,7 @@
28  42  @asyncio.coroutine
29  43  def async_setup_platform(hass, config, async_add_devices, discovery_info=None):
30  44      """Set up the light from config."""
31
32  45  46
```

Pull requests



Pull requests

This repository Search Pull requests Issues Marketplace Explore

syssi / python-mirobo forked from rytilahti/python-mirobo

Unwatch 2 Star 1 Fork 25

Code Pull requests 0 Projects 0 Wiki Settings Insights

Python library & console tool for controlling Xiaomi Vacuum cleaner robot Edit

Add topics

85 commits 28 branches 8 releases 6 contributors

Branch: feature/fan-pr New pull request

This branch is 3 commits ahead, 32 commits behind rytilahti:master.

Pull request Compare

syssi Typing relaxed to allow a return value of "None". Latest commit e99be3b 13 days ago

mirobo Typing relaxed to allow a return value of "None". 13 days ago

.gitignore Device support for the xiaomi air purifier added. (#31) a month ago

.hound.yml add houndci 4 months ago

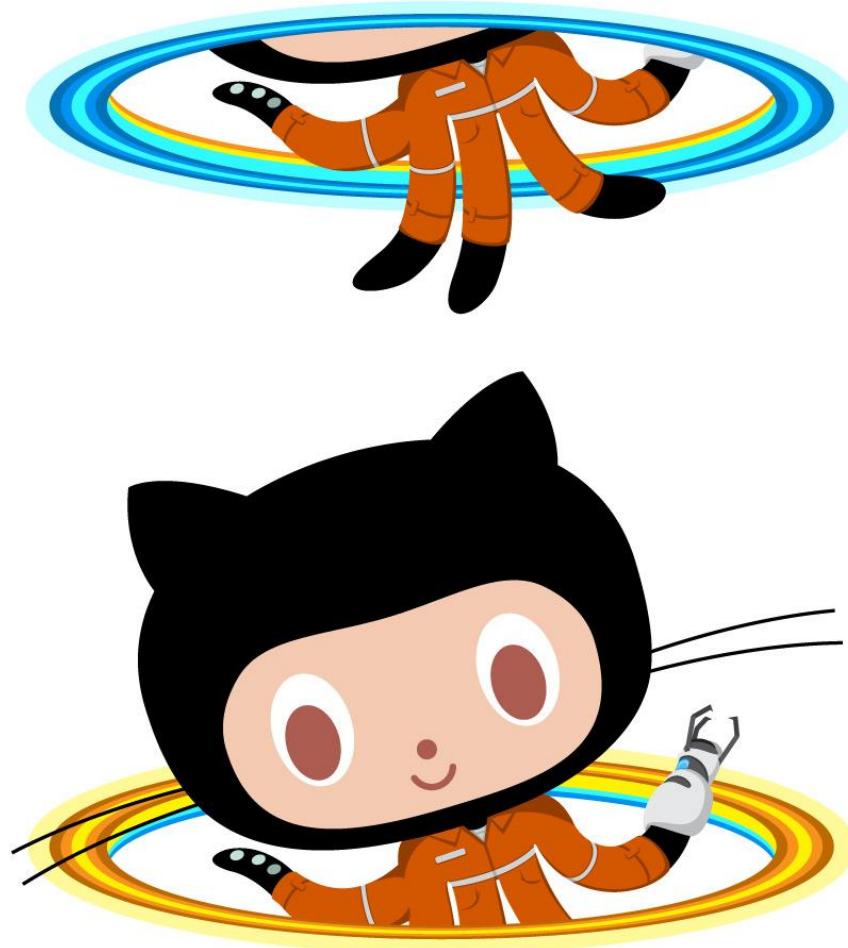
.travis.yml add travis 15 days ago

README.md Device support for the Xiaomi Mi Smart Fan added. 15 days ago

requirements.txt New dependency "zeroconf" added. It's used for discovery now. (#44) 21 days ago

setup.py add zeroconf dependency, bump the version 26 days ago

Pull requests



Pull requests

Code Issues 417 Pull requests 50 Projects 0 Insights ▾

Xiaomi Philips Lights: Platform not ready behavior fixed #9325

 Merged balloob merged 1 commit into home-assistant:dev from syssi:feature/platform-not-ready-fix 11 days ago

Conversation 1 Commits 1 Files changed 1 +17 -2

 syssi commented 11 days ago

Platform not ready behavior fixed.
Expose the device model as sensor attribute.
Device initialized log message added. Provides device model, firmware and hardware version.

The instantiation of "Ceil(host, token)" does no operation. The info() call is used to check the discovery & connection now.

 Platform not ready behavior fixed. ... 1e28eff

 homeassistant added platform:light.xiaomi_philipslight cla-signed labels 11 days ago

 balloob approved these changes 11 days ago View changes

 balloob merged commit 9a7089b into home-assistant:dev 11 days ago View details Revert
4 checks passed

 balloob commented 11 days ago

Thanks! 🎉

 balloob referenced this pull request 11 days ago

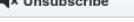
Reviewers
 balloob ✓

Assignees
No one assigned

Labels
 cla-signed
 platform:light.xiaomi_philips...

Projects
None yet

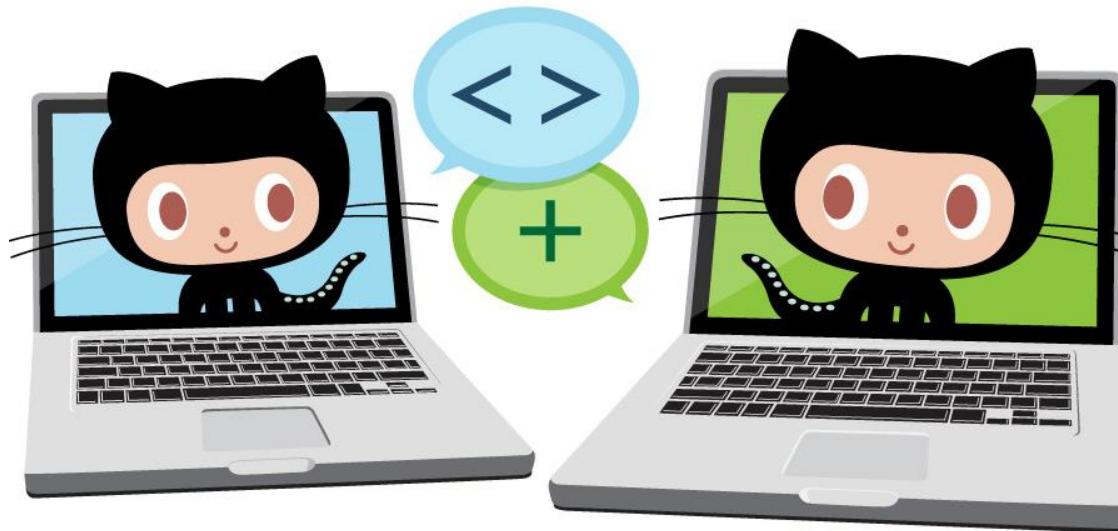
Milestone
No milestone

Notifications
 Unsubscribe
You're receiving notifications because you authored the thread.

3 participants


Allow edits from maintainers.

Discussions



@mentions



Automated reviews



Automated reviews

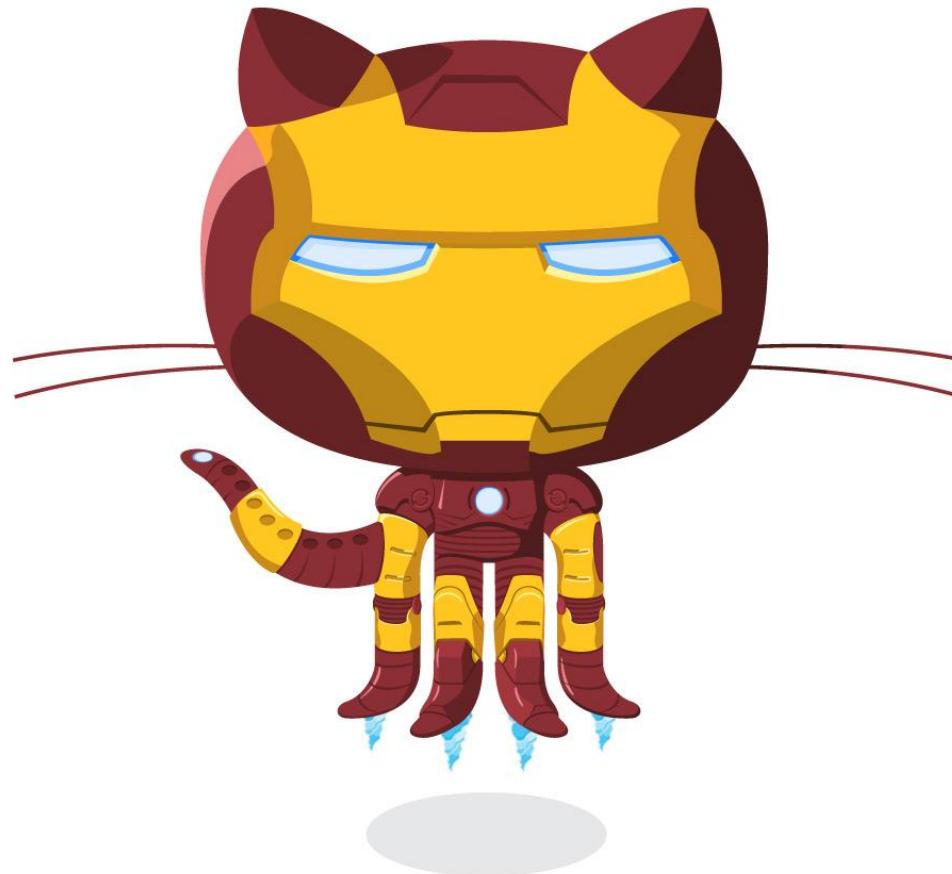
The screenshot shows a GitHub pull request interface with the following details:

- Commits:**
 - Missing imports added. (716bcd) reviewed by houndci-bot 15 days ago.
 - Reformat. (e1efc6e) reviewed by houndci-bot 15 days ago.
 - Unused imports removed. (e9d71c7) and Missing spaces added. (802b227) added by syssi 15 days ago.
- Comments:**
 - syssi commented 15 days ago:

New highscore. 15 complains on 18 lines changed .;-) Next time I will spin-up the IDE from the very first.
 - rytilahti commented 15 days ago:

Thanks a bunch for doing this, it will help to make a nicer device handling possible later on :-)
- Merge:** Merge branch 'master' into feature/mdns-device-map (5e03300)

Automated tests



Automated builds



Automated checks

A screenshot of a GitHub pull request page. The pull request has been merged, indicated by a green checkmark and the commit hash b1397a1. The title of the pull request is "Raise PlatformNotReady exception if light cannot be discovered." A review from "houndci-bot" is shown, dated 26 days ago. Below the review, there is a summary of automated checks:

All checks have passed	
4 successful checks	
cla-bot	Everyone involved has signed the CLA
continuous-integration/travis-ci/pr	The Travis CI ... Details
coverage/coveralls	Coverage decreased (-0.007%) Details
hound	No violations found. Woof! Details

Other items listed in the pull request include:

- "Remove unnecessary updates" (status: red, commit: d8624b5)
- "homeassistant added the **cla-signed** label 23 days ago"
- "balloob removed the **platform: vacuum.xiaomi** label 23 days ago"
- "balloob added this to the **0.52** milestone 23 days ago"

Contributor License Agreements (CLA)



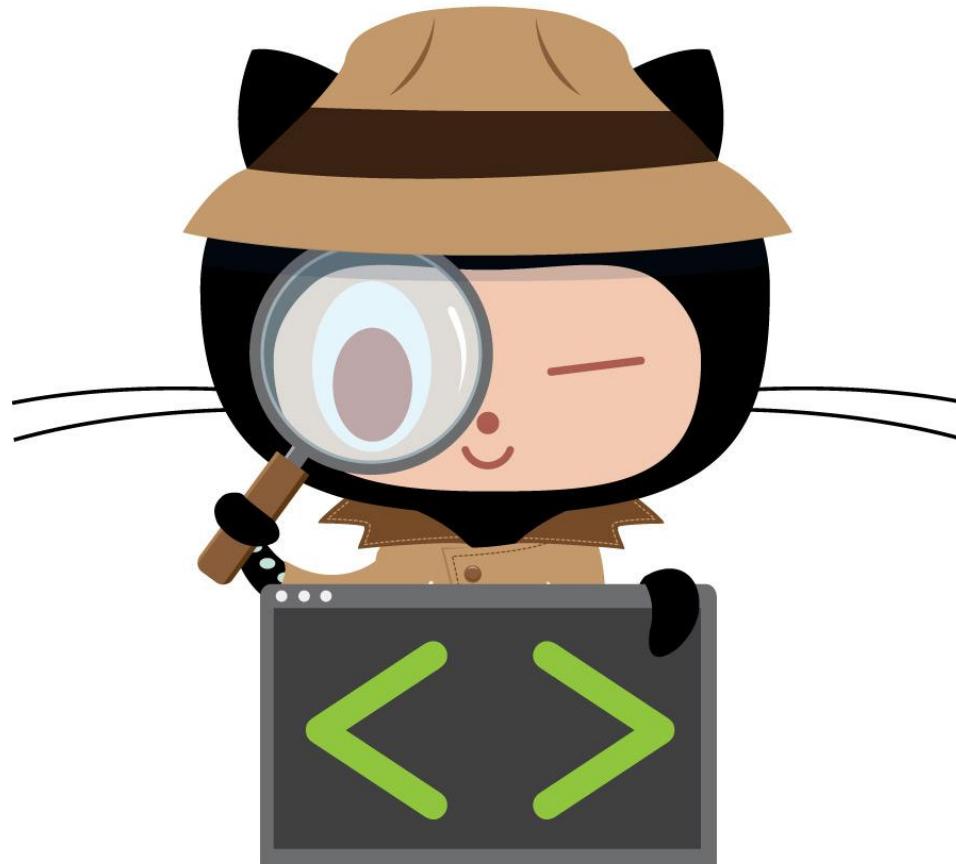
Contributor License Agreements (CLA)

A screenshot of a GitHub pull request interface. On the left, there's a grey icon with a wrench and a gear. The main area has a light gray background. At the top, it says "Some checks haven't completed yet" with a yellow background, followed by "1 failing, 1 pending, and 1 successful checks". There are three items in a list:

- cla-bot** — At least one contributor needs to sign the CLA Required
- continuous-integration/travis-ci/pr** — The Travis CI build is in progress Details
- hound** — 13 violations found.

At the bottom, it says "This pull request can be automatically merged by project collaborators" with a yellow background, followed by "Only those with write access to this repository can merge pull requests."

Code reviews



Code reviews

balloobbot added **platform requirement** labels 27 days ago

Some more clean-up of unneeded stuff. ✓ e50bfffa

homeassistant added the **cla-signed** label 27 days ago

pvizeli requested changes 27 days ago [View changes](#)

homeassistant/components/light/philipslight.py [Hide outdated](#)

```
27 +PLATFORM = 'philipslight'
28 +PLATFORM_SCHEMA = PLATFORM_SCHEMA.extend({
29 +    vol.Required(CONF_HOST): cv.string,
30 +    vol.Required(CONF_TOKEN): vol.All(str, vol.Length(min=32, max=32)),
```

pvizeli 27 days ago [Owner](#)
use `cv.string`

Reply...

homeassistant/components/light/philipslight.py [Hide outdated](#)

```
125 +        from mirobo import DeviceException
126 +        try:
127 +            result = yield from self.hass.async_add_job(
128 +                partial(func, *args, **kwargs))
```

pvizeli 27 days ago [Owner](#)
All that run in a thread and not inside loop. You should direct yield from function if that is a coroutine or call that without `async_add_job` for run inside Loop.

balloob 27 days ago [Owner](#)
It looks like the lib is not async, so that's good: https://github.com/rytilahti/python-mirobo/blob/2e3039bd19cb4a1448b29cc41b81c4124fff937f/mirobo/plug_v1.py#L8

 1

syssi 27 days ago [Contributor](#)
So there nothing to change here?

Reply...

Change requests



Change requests

Order of requirements_all.txt fixed. ✓ 360aca

 andrey-git requested changes 27 days ago [View changes](#)

Please fix hound's comments.

 homeassistant/components/light/philipslight.py [Show outdated](#)

 syssi added some commits 27 days ago

-  Platform updated. It's async now. ✗ 8dfe596
-  Simplifiable if-statement fixed. ✓ ab578e3

 balloobbot added **platform** **requirement** labels 27 days ago

-  Some more clean-up of unneeded stuff. ✓ e50bffa

 homeassistant added the **cla-signed** label 27 days ago

 pvizeli requested changes 27 days ago [View changes](#)

 homeassistant/components/light/philipslight.py [Show outdated](#)

 homeassistant/components/light/philipslight.py [Show outdated](#)

 balloob commented 27 days ago [Owner](#) +

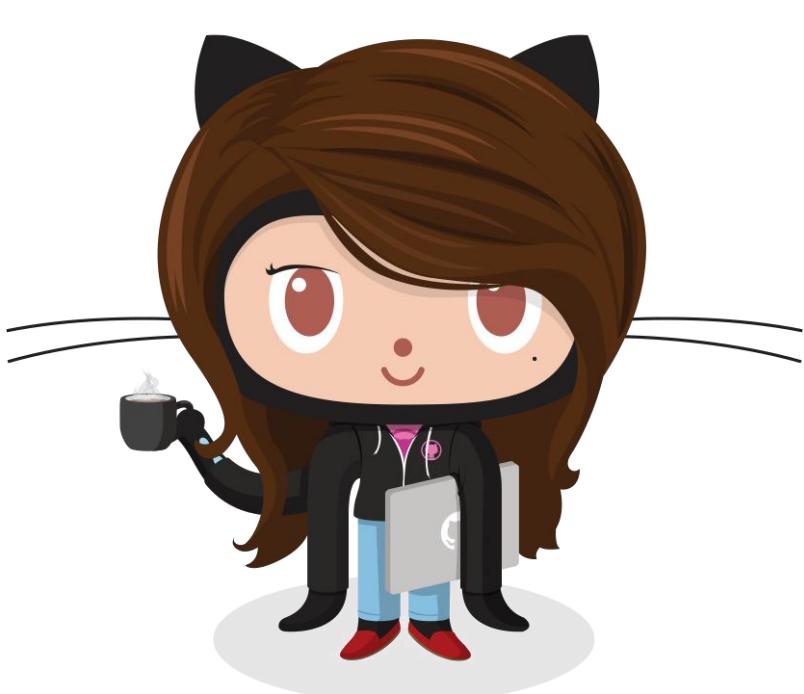
I am not sure if we need this component. Why can't you use the Xiaomi component and light platform?

 rytilahti commented 27 days ago • edited [Contributor](#) +

Xiaomi component supports the gateway and devices connected to it, these WiFi-bulbs are standalone and do not require nor can be connected to a gateway.

 3

More Coding & Commits



Rebase



Force push



Merge



Merge



balloob merged commit [56083c0](#) into [home-assistant:dev](#) 23 days ago

2 of 3 checks passed

[View details](#)

[Revert](#)



balloob removed this from the [0.52](#) milestone 23 days ago



balloob commented 23 days ago

Owner



Looks good

I was planning to add it to 0.52 which goes out tomorrow but won't do it since the documentation is not ready yet.



syssi referenced this pull request in [home-assistant/home-assistant.github.io](#) 23 days ago

[Documentation of the Xiaomi Philips Light component #3246](#)

Merged



syssi commented 23 days ago

Contributor



I just added the documentation. May be it will be merged before the release of 0.52. :-)



balloob commented 23 days ago

Owner



Release 0.52 30 minutes ago!



syssi commented 23 days ago

Contributor



Ups! :-P I'm late.

balloob referenced this pull request 11 days ago

[0.53 #9327](#)

Merged



Pull request successfully merged and closed

[Delete branch](#)

You're all set—the [syssi:feature/philipslig...](#) branch can be safely deleted.

Integrations



Learn



Issues



Issues

This repository Search Pull requests Issues Marketplace Explore

Watch 498 Star 8,192 Fork 2,540

Code Issues 415 Pull requests 51 Projects 0 Insights

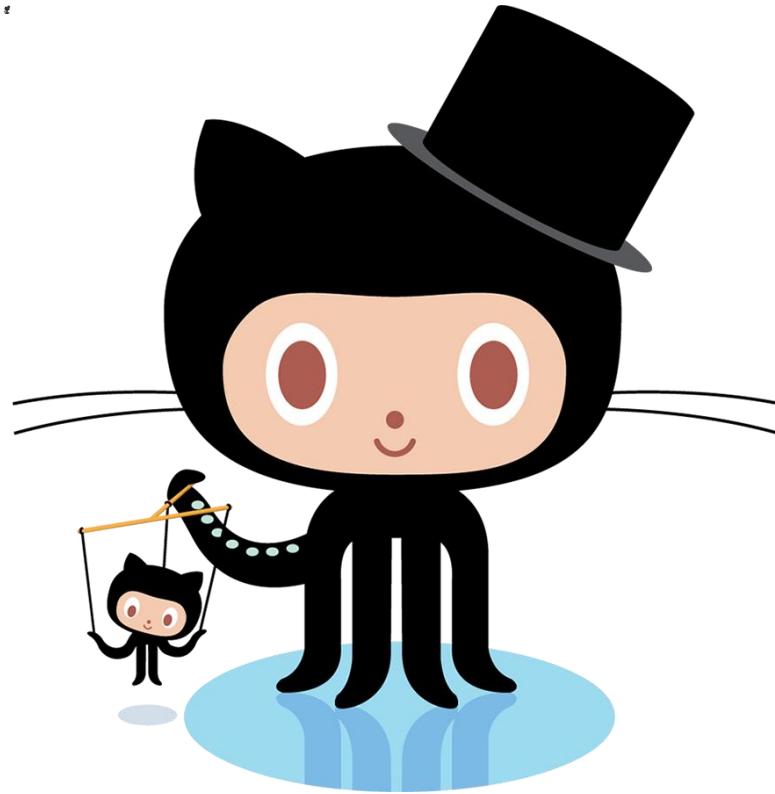
Filters is:issue is:open xiaomi Labels Milestones New issue

Clear current search query, filters, and sorts

Author	Labels	Projects	Milestones	Assignee	Sort
9 Open ✓ 22 Closed					
Prometheus: missing metrics #9346 opened 9 days ago by nlamirault					
Xiaomi Vacuum does not work after firmware update #9333 opened 10 days ago by tobsch 2					
Xiaomi Vacuum Cleaner robot timeout / unavailable #9013 opened on 16 Aug by oiskar 6					
Xiaomi discovery stopped working since 0.50 #8994 opened on 15 Aug by marcusramberg 20					
Aqara Wireless Switch(Double,not in wall) LEFT button FAILURE #8935 opened on 12 Aug by hhalibo 26					
ASUS WRT Tracker tracking (too) accurately, i.e. for low power devices in router mode #8792 opened on 2 Aug by daenny 6					
custom_components can't use dependencies on another custom_component waiting-for-reply #8089 opened on 18 Jun by michaelarnauts 5					
Platforms/components blocking start from finishing waiting-for-reply #6973 opened on 7 Apr by balloob 44					
Platforms that do I/O inside properties async #4210 opened on 4 Nov 2016 by balloob 14 of 21 111					

ProTip! Notify someone on an issue with a mention, like: @syssi.

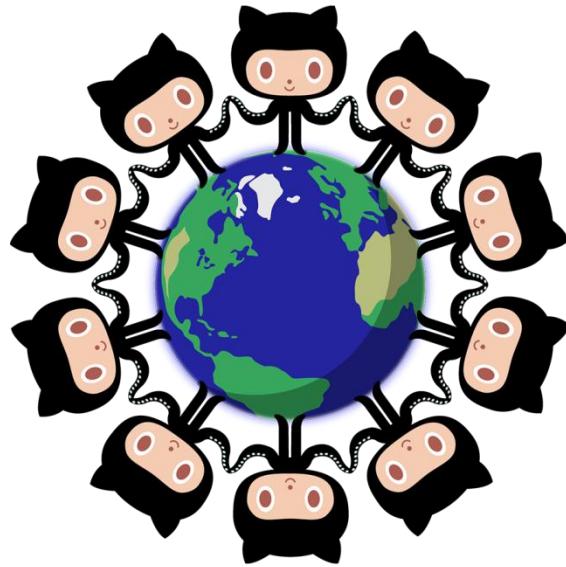
Tipps



Quelle aller genutzten Bilder: octodex.github.com

Vielen Dank!

Fragen?



Sebastian Muszynski, @syssi84
s.muszynski@constructiva.de
github.com/syssi

18.09.2017