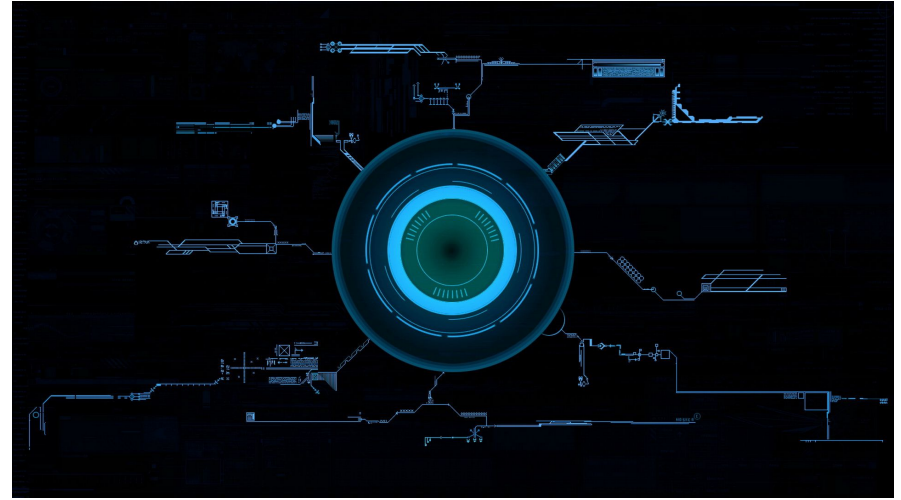


Jarvis



A personal assistant for Linux, MacOS, Windows

notFatal

Anastasis Bakaros 8190111
<https://github.com/anastasisbak/Jarvis>

Moon Phase Plugin

- **Features:**

- Current Moon Phase
- Illumination
- ASCII Art
- Next Full Moon

The current moon phase for today is: First Quarter

More details at:

<https://nineplanets.org/moon/phase/today/>

**Current Moon
Phase**

Moon Phase Plugin

- **Features:**

- Current Moon Phase
- Illumination
- ASCII Art
- Next Full Moon

The current moon phase for today is: First Quarter

More details at:

<https://nineplanets.org/moon/phase/today/>

**Current Moon
Phase**

The next full moon will appear in approximately 7 days

More details at:

<https://www.timeanddate.com/astronomy/moon/full-moon.html>

Next Full Moon

Moon Phase Plugin

- Calculates the lunar phase with the help of the user's **current datetime**
- No API involved

Moon Phase Plugin

```
# Illumination request
if s == "illumination":
    jarvis.say("Phase: " + phasename)
    jarvis.say("Illumination: " + f"{pos: .2%}")
# Art request
elif s == "art" or s == "ascii":
    jarvis.say(ascii_art(current_phase))
# Help request
elif s == "help":
    jarvis.say(help_text())
    details_text = False
# Fullmoon request
elif s == "fullmoon" or s == "full":
    fullmoon_day = fullmoon_finder()
    details_text = False
    fullmoon_text(fullmoon_day)
# Default request
else:
    jarvis.say("The current moon phase for today is: " + phasename)
```

moonphase
function

- Each feature has one or more functions
- The moonphase function calls the corresponding functions and displays the user's request

Moon Phase Plugin

```
# Illumination request
if s == "illumination":
    jarvis.say("Phase: " + phasename)
    jarvis.say("Illumination: " + f"{pos: .2%}")
# Art request
elif s == "art" or s == "ascii":
    jarvis.say(ascii_art(current_phase))
# Help request
elif s == "help":
    jarvis.say(help_text())
    details_text = False
# Fullmoon request
elif s == "fullmoon" or s == "full":
    fullmoon_day = fullmoon_finder()
    details_text = False
    fullmoon_text(fullmoon_day)
# Default request
else:
    jarvis.say("The current moon phase for today is: " + phasename)
```


moonphase
function


- **LOC:** 202
- **8 Functions**
- **Lines of Comments:** 23

Following the Contribution Guidelines

- **Opened a Issue** in April regarding the **Moon Phase Plugin**
- Received a reply from a **collaborator** to start developing the **feature**

[New Feature] Moon Phase Plugin #949


 **Open** anastasisbak opened this issue 28 days ago · 2 comments · May be fixed by #964




anastasisbak commented 28 days ago

Hello, I'm a first time contributor and I would like to develop a new feature that informs the user about the **current phase of the moon** and **how many days are left until the next full moon phase**, in their location. I would like to implement the above feature, using this [API](#) I found.

Let me know if you are interested on this feature and I will start working on it as soon as possible.







pnhofmann commented 20 days ago

Sure!

Look [here](#) for an example how you could handle the API key.






anastasisbak commented 5 days ago

Thank you for your feedback!

I will start working on the issue shortly.

I may use a script instead of an API in order to calculate the current moon phase. Let me know if that is okay.

Author



Following the Contribution Guidelines

- **Forked** the project
- **Created** a branch for the development of the plugin



anastasisbak / Jarvis


Public


forked from [sukeesh/Jarvis](#)


Following the Contribution Guidelines


- Created a **Pull Request** that **closes** the Issue
- Contains all the features showcased before


[New Feature] Moon Phase Plugin #964


 Open


 anastasisbak wants to merge 2 commits into `sukeesh:master` from `anastasisbak:moon-phase-plugin` 

 Conversation 0


 Commits 2

 Checks 0

 Files changed 1



anastasisbak commented 3 days ago • edited ▾

 ...

This Pull Request adds the `moon_phase` plugin and closes #949

The **Moon Phase Plugin** informs the user about the **current lunar phase** and also calculates the days until the **next full moon**.

It implements a modification of the code found on this [python script that calculates the current moon phase](#)

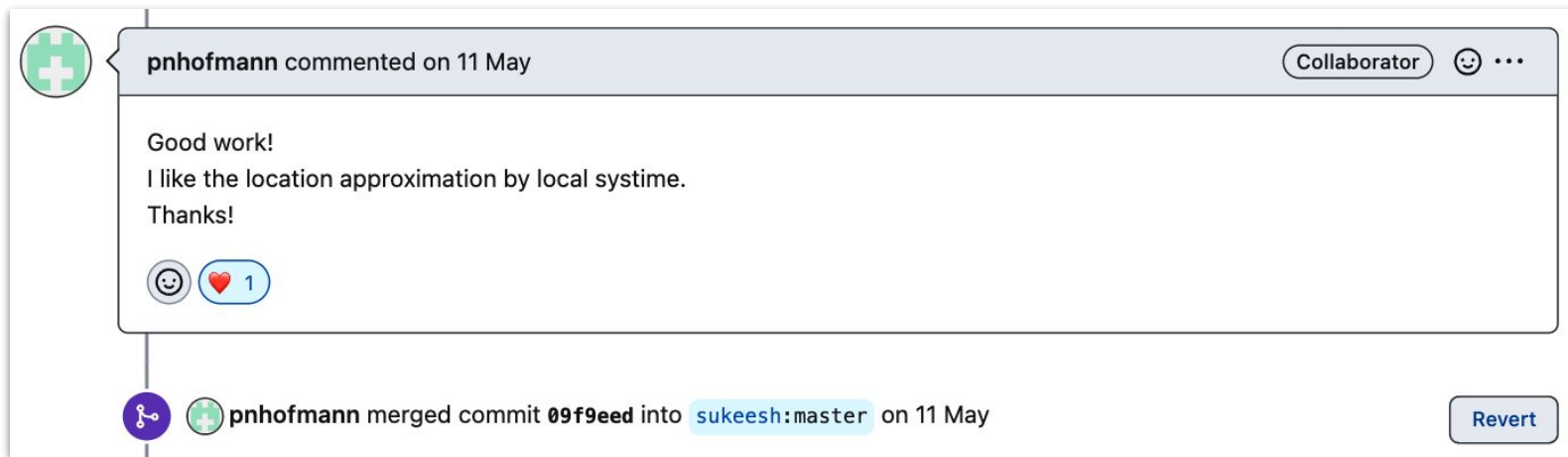
Features

Current Moon Phase



- `jarvis moonphase`
- This is the default command. It displays the current moon phase with it's scientific name.

Following the Contribution Guidelines



- The Pull Request was **merged**
- Positive feedback





The screenshot shows a GitHub interface. At the top, a comment by user 'pnhofmann' is displayed. The comment box has a light blue header with the text 'pnhofmann commented on 11 May' and a 'Collaborator' badge. The comment text reads: 'Good work! I like the location approximation by local system. Thanks!'. Below the text are reaction icons: a smiley face and a heart with the number '1'. Below the comment, a merge event is shown: 'pnhofmann merged commit 09f9eed into sukeesh:master on 11 May'. To the left of the merge text is a purple icon with a white branching diagram. To the right is a 'Revert' button.

 **pnhofmann** commented on 11 May Collaborator  ...

Good work!
I like the location approximation by local system.
Thanks!

  1

  **pnhofmann** merged commit `09f9eed` into `sukeesh:master` on 11 May Revert

Thank you for your
attention!

Team:
notFatal