



CONTEMPORARY DOCUMENTATION

Juha-Matti Santala

CONTEMPORARY

/kənˈtɛmp.əˌɹɪ.i/

1. From the same time period,
coexistent in time.

~~Modern of the present age~~

de·sign
/dəˈzīn/

noun

1. a plan or
and func
or other

HI, I'M JUHIS

Founder of Turku <3 Frontend

Founder of archipylago

Background in startups & consulting

<https://hamatti.org>

@hamatti@hamatti.org in Mastodon

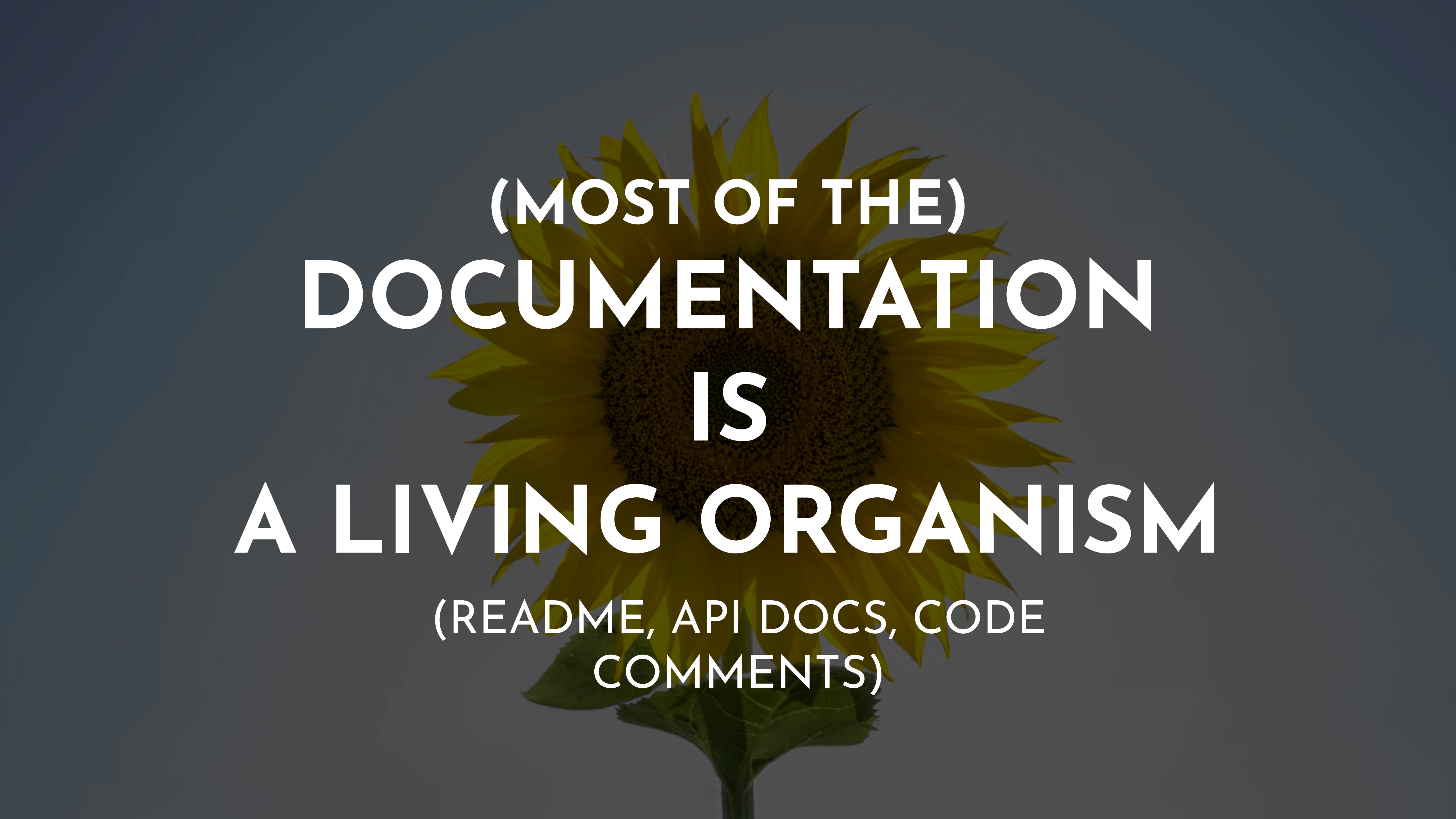
A row of seven autumn leaves hanging from a string, with the text "TEAMS CHANGE" overlaid in white. The leaves show a color gradient from green on the left to dark red on the right. The background is a dark, muted grey.

TEAMS CHANGE



DOCUMENTATION SHOULD

PROVIDE CONTEXT



**(MOST OF THE)
DOCUMENTATION
IS
A LIVING ORGANISM**

**(README, API DOCS, CODE
COMMENTS)**

3 BRANCHES



**COMMIT
MESSAGES**



**CODE
REVIEW**



**STORIES &
TASKS**



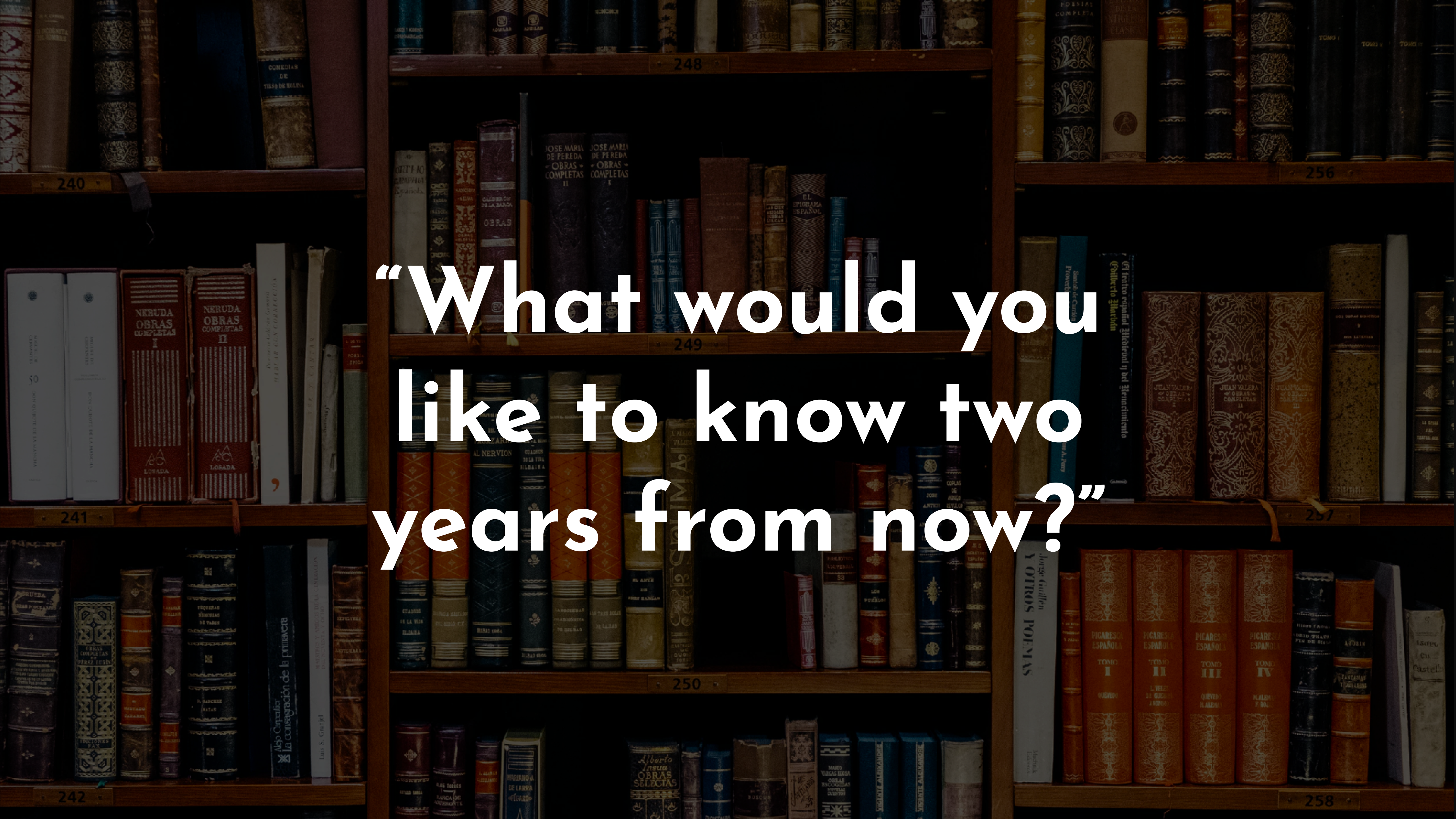
**It's hard
because the
reward comes
later**

A close-up photograph of a field of wheat, with the stalks and heads of grain visible. The image is dimly lit, creating a dark, moody atmosphere. Overlaid in the center of the image is the text "COMMIT MESSAGE" in a bold, white, sans-serif font.

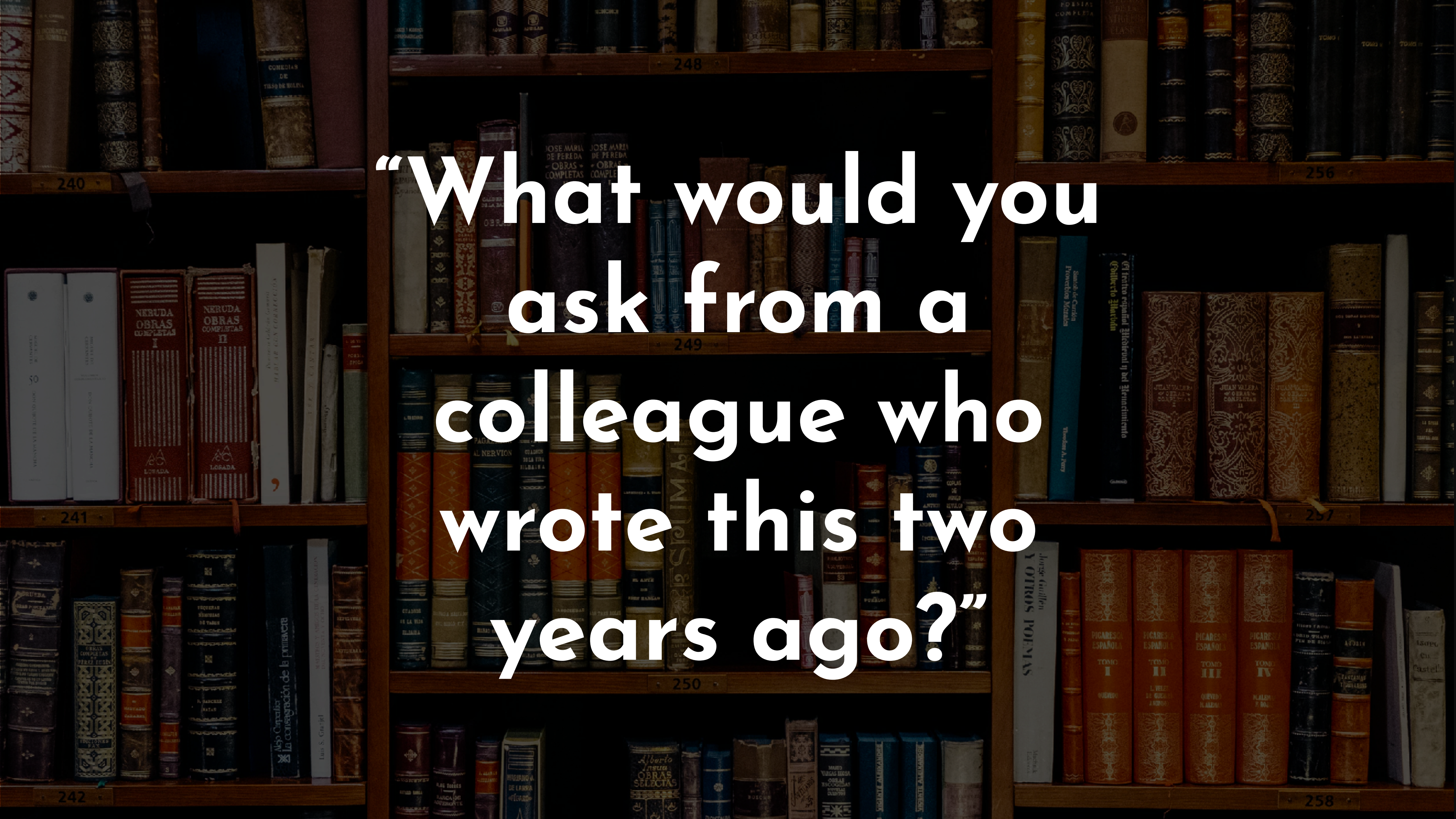
COMMIT MESSAGE

	COMMENT	DATE
○	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
○	ENABLED CONFIG FILE PARSING	9 HOURS AGO
○	MISC BUGFIXES	5 HOURS AGO
○	CODE ADDITIONS/EDITS	4 HOURS AGO
○	MORE CODE	4 HOURS AGO
○	HERE HAVE CODE	4 HOURS AGO
○	AAAAAAAAA	3 HOURS AGO
○	ADKFJSLKDFJSDKLFJ	3 HOURS AGO
○	MY HANDS ARE TYPING WORDS	2 HOURS AGO
○	HAAAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

A photograph of a library bookshelf filled with books. The shelves are numbered 240 through 258. The books are arranged in rows, with some spines visible. The text "What would you like to know two years from now?" is overlaid in large white font in the center of the image.

“What would you like to know two years from now?”



**“What would you
ask from a
colleague who
wrote this two
years ago?”**

Convert template to US-ASCII to fix error

[Browse files](#)

I introduced some tests in a feature branch to match the contents of `/etc/nginx/router_routes.conf`. They worked fine when run with `bundle exec rake spec` or `bundle exec rspec modules/router/spec`. But when run as `bundle exec rake` each should block failed with:

```
ArgumentError:
  invalid byte sequence in US-ASCII
```

I eventually found that removing the `.with_content(//)` matchers made the errors go away. That there weren't any weird characters in the spec file. And that it could be reproduced by requiring Puppet in the same interpreter with:

```
rake -E 'require "puppet"' spec
```

That particular template appears to be the only file in our codebase with an identified encoding of `utf-8`. All others are `us-ascii`:

```
dcarley-MBA:puppet dcarley$ find modules -type f -exec file --mime {} \+ | grep utf
modules/router/templates/routes.conf.erb: text/plain; charset=utf-8
```

Attempting to convert that file back to US-ASCII identified the offending character as something that looked like a whitespace:

```
dcarley-MBA:puppet dcarley$ iconv -f UTF8 -t US-ASCII modules/router/templates/routes.conf.erb 2>&1 | tail -n5
proxy_intercent errors off:
```


A large, circular satellite dish antenna is the central focus of the image. It is mounted on a complex metal support structure. The dish itself is composed of many small, reflective panels. The background is dark, suggesting a night sky or a dark environment. The overall tone is technical and futuristic.

CODE REVIEW

A close-up, slightly blurred photograph of a spiral-bound notebook with a fountain pen resting on it. The notebook is open, showing lined pages. The pen is a classic fountain pen with a silver or chrome finish and gold accents. The background is dark and out of focus.

WRITE IT DOWN

ASK A LOT OF QUESTIONS

DON'T DELETE COMMENTS

STORIES & TASKS

STORIES & TASKS

Origin / Business Driver

How to reproduce?

Definition of Done

Clarifying questions

WRITE IT DOWN



A scenic mountain landscape featuring a waterfall in the foreground and a lake in the middle ground, with snow-capped mountains in the background. The image is overlaid with a dark blue gradient, and the text "DOCUMENTATION WORKFLOW" is centered in white.

DOCUMENTATION WORKFLOW

 app.py > ...

```
1  def sum(a, b):  
2      """Uses Floomba method for addition  
3      | since the data we use requires that."""  
4      return 5 * a + (b - 3) + a * b  
5  
6  def subtract(a, b):  
7      """Calculate difference of two numbers."""  
8      return a - b
```

■


```
hamatti:~/code/pycon-demo-project [master*]$ git blame app.py
^8acb5ea (Juha-Matti Santala 2019-09-26 21:46:07 +0300 1) def sum(a, b):
^8acb5ea (Juha-Matti Santala 2019-09-26 21:46:07 +0300 2)     """Uses Floomba method for addition
^8acb5ea (Juha-Matti Santala 2019-09-26 21:46:07 +0300 3)         since the data we use requires that."""
ac995f57 (Juha-Matti Santala 2019-09-26 21:53:27 +0300 4)     return 5 * a + (b - 3) + a * b
^8acb5ea (Juha-Matti Santala 2019-09-26 21:46:07 +0300 5)
^8acb5ea (Juha-Matti Santala 2019-09-26 21:46:07 +0300 6) def subtract(a, b):
^8acb5ea (Juha-Matti Santala 2019-09-26 21:46:07 +0300 7)     """Calculate difference of two numbers."""
^8acb5ea (Juha-Matti Santala 2019-09-26 21:46:07 +0300 8)     return a - b
```




ac995f57



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)

Code	0
Commits	1
Issues	1
Packages	0
Wikis	0

1 commit result in [Hamatti/demo-project-pycon](#)

Hamatti/demo-project-pycon

[fix: Use Floomba method for math](#) ...

Hamatti committed 5 minutes ago



[Advanced search](#) [Cheat sheet](#)


fix: Use Floomba method for math

[Browse files](#)

With the intergalactic integrations we need to update the math.
Discussed with stakeholders about tradeoffs and chose this method.

See discussion in issue.

Fixes #1

 master (#2)

 Hamatti committed 5 minutes ago

1 parent [7e22887](#) commit [ac995f57e6c91f1819c456132f8b524a893ddeb5](#)

Showing 1 changed file with 1 addition and 1 deletion.

Unified Split

2 app.py

@@ -1,7 +1,7 @@

1 def sum(a, b):

2 """Use Floomba method for addition

1 def sum(a, b):

2 """Use Floomba method for addition

fix: Use Floomba method for math #2

Edit

Merged Hamatti merged 1 commit into master from fix/floomba-method 5 minutes ago

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -1



Hamatti commented 5 minutes ago Owner + 😊 ...

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[Fixes #1](#)

Reviewers ⚙️
No reviews

Assignees ⚙️
No one—assign yourself

Labels ⚙️
None yet

Projects ⚙️
None yet

fix: Use Floomba method for math ac995f5

Hamatti merged commit 5da0a57 into master 5 minutes ago Revert

fix: Use Floomba method for math #2

Edit

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Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -1



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No reviews

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No one—assign yourself

Labels

None yet

Projects

None yet

Revert

fix: Use Floomba method for math ac995f5

Hamatti merged commit 5da0a57 into master 5 minutes ago

Rewrite sum functionality to match new intergalactic data requirements #1

Edit

New issue

Closed

Hamatti opened this issue 8 minutes ago · 0 comments · Fixed by #2



Hamatti commented 8 minutes ago

Owner



As we are preparing to bring in our first intergalactic client, we need to make sure our math operates with their data formats.

We considered two alternatives:

Floomba method

- Is very performant
- Easy to understand for earth's humans
- Only works with Martian math so if we decide to widen our integrations, this needs to be reconsidered.

Assignees



No one—assign yourself

Labels



None yet

Projects



None yet

Milestone



No milestone

RECAP

COMMIT MSG, CODE REVIEW & ISSUES

“WHAT WOULD I WANT TO KNOW IN 2 YEARS”

WRITE IT DOWN



THANK YOU!

<https://hamatti.org>