CONTEMPORARY DOCUMENTATION

Juha-Matti Santala

CONTEMPORARY
/kənˈtɛm.pəˌɹɛɹ.i/

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

2. ~~Modern, of the present age~~

HI, I'M JUHIS

Founder of Turku <3 Frontend

Founder of archipylago

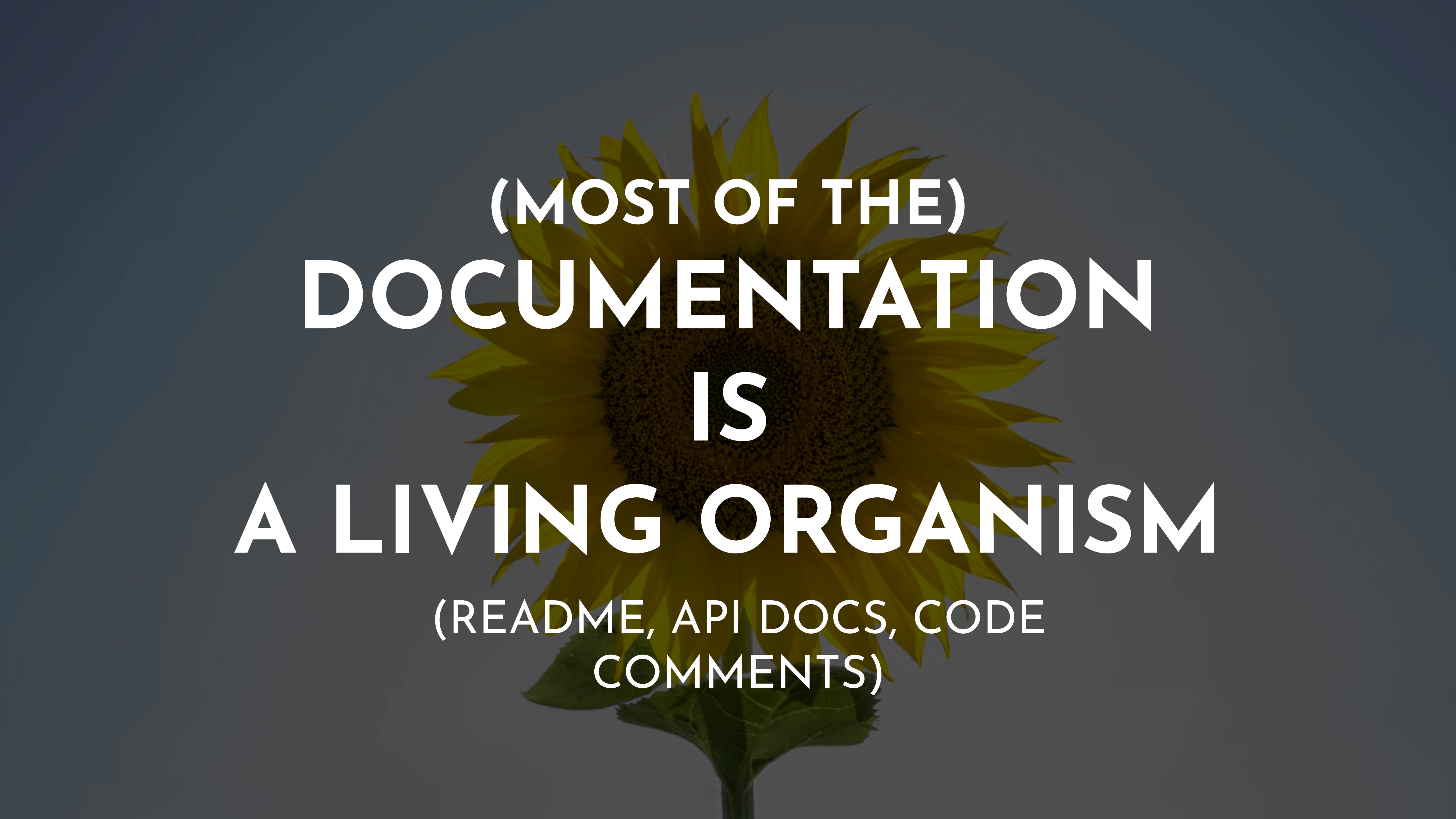Background in startups & consulting

https://hamatti.org

@hamatti@hamatti.org in Mastodon

TEAMS CHANGE

DOCUMENTATION SHOULD
PROVIDE CONTEXT

(MOST OF THE)

DOCUMENTATION

IS

A LIVING ORGANISM

(README, API DOCS, CODE COMMENTS)
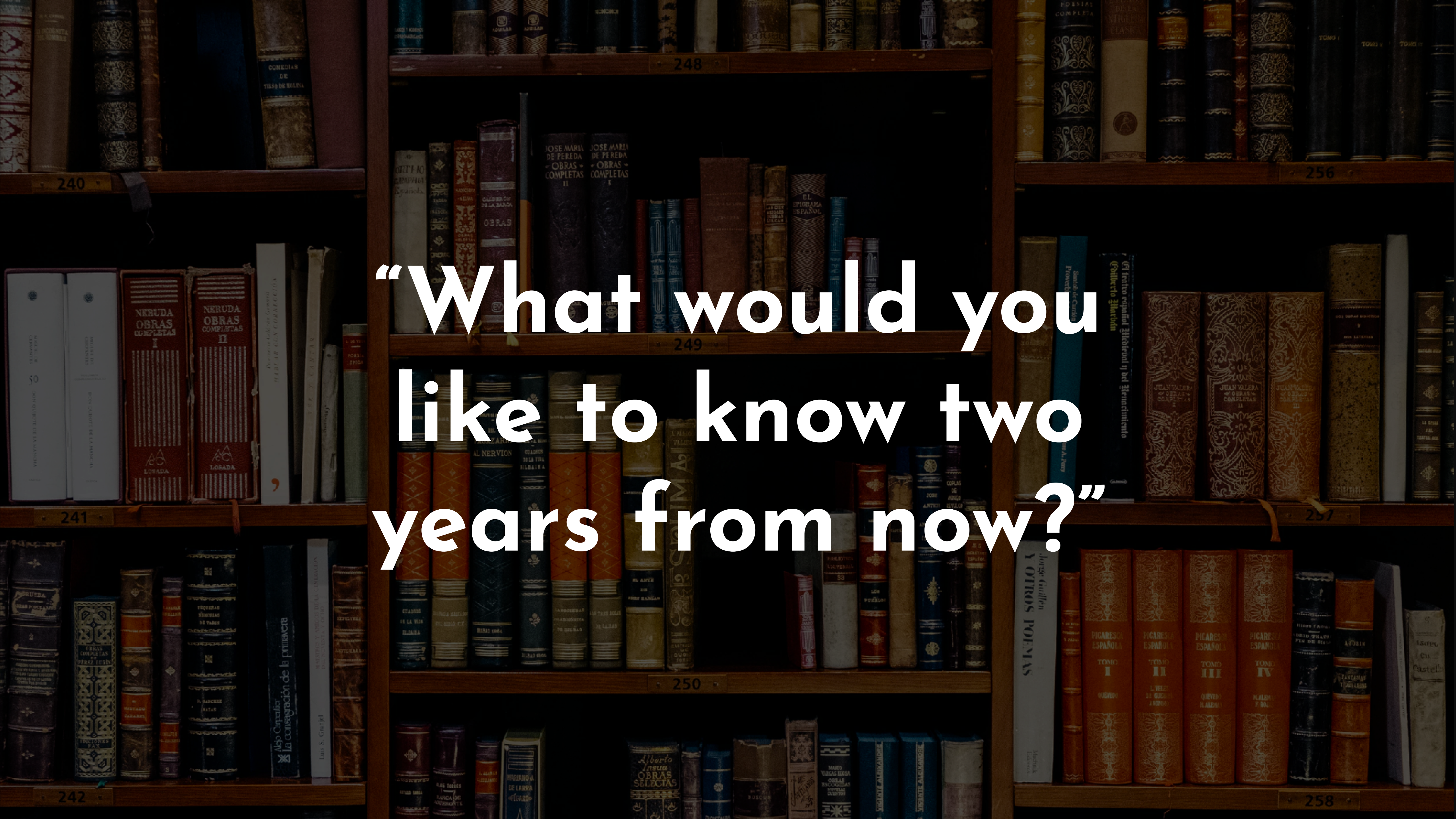
3 BRANCHES

COMMIT MESSAGES

CODE REVIEW

STORIES & TASKS

It's hard because the reward comes later
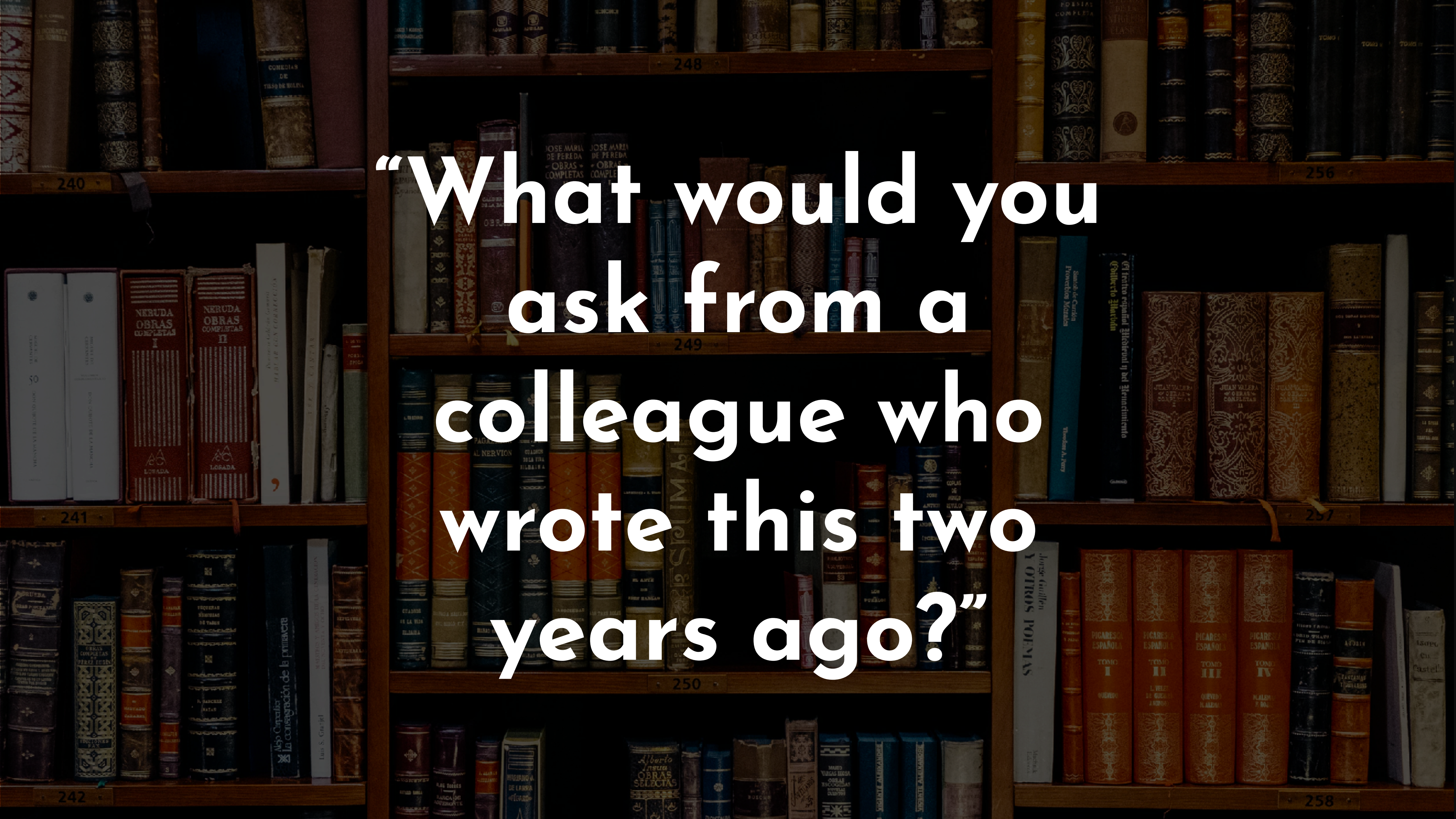
COMMIT MESSAGE

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
AAAAAAAA	3 HOURS AGO
ADKFJSLKDFJSDKLFJ	3 HOURS AGO
MY HANDS ARE TYPING WORDS	2 HOURS AGO
HAAAAAAAAANDS	2 HOURS AGO

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

"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

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 intercept errors off;
```

https://dhwthompson.com/2019/my-favourite-git-commit

CODE REVIEW

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

DOCUMENTATION WORKFLOW

```python
def sum(a, b):
    """Uses Floomba method for addition
        since the data we use requires that."""
    return 5 * a + (b - 3) + a * b


def subtract(a, b):
    """Calculate difference of two numbers."""
    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
```

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

⊙ Unwatch ▾ 1   ★ Star 0   ⑂ Fork 0

‹› Code   ⊙ Issues 0   ⑂ Pull requests 0   ▥ Projects 0   ▤ Wiki   🛡 Security   ᵢₗᵢ Insights   ⚙ Settings

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 ac995f57e6c91f1819c456132f8b524a893ddbb5

▤ Showing **1 changed file** with **1 addition** and **1 deletion**.   Unified   Split

⌄ 2 ▪▪▪▪▪ app.py ▣   ⋯

⋯   @@ -1,7 +1,7 @@

1   def sum(a, b):   1   def sum(a, b):

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   + 😃   ⋯

With the intergalactic integrations we need to update the math.
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See discussion in issue.

Fixes #1

fix: Use Floomba method for math ⋯   ac995f5

⑂ **Hamatti** merged commit `5da0a57` into `master` 5 minutes ago   Revert

Reviewers   ⚙
No reviews

Assignees   ⚙
No one—assign yourself

Labels   ⚙
None yet

Projects   ⚙
None yet

Unwatch ▾ 1   ★ Star 0   ⑂ Fork 0

<> Code   ⊘ Issues 0   ⑂ Pull requests 0   ▥ Projects 0   ▤ Wiki   ⛊ Security   ⊪ Insights   ⚙ Settings

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 ■■□□□

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Reviewers ⚙
No reviews

Assignees ⚙
No one—assign yourself

Labels ⚙
None yet

Projects ⚙
None yet

Unwatch ▾ | 1   ★ Star | 0   ⑂ Fork | 0

<> Code   ⊙ Issues **0**   ⑂ Pull requests **0**   ▥ Projects **0**   ▤ Wiki   🛡 Security   �𝗅𝗅𝗂 Insights   ⚙ Settings

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