microsoft / calculator

Tab for constant values in scientific calculator #123

New issue

Geobucens opened this issue on Mar 6 · 8 comments



Geobucens commented on Mar 6 • edited ▼

Problem Statement

Time consuming to solve mathematical/scientific calculations while being limited to numbers only.

Add a constant tab where users could import constant values for their mathematical/scientific calculations.

Goal

- Button for each constant with the name of the constant in **bold** and the value beneath the constants name in normal text.
- A search bar for faster navigation than using only the scroll bar.



HowardWolosky commented on Mar 6

Member

Thanks for the feature suggestion. This does sound like an interesting idea. We have a process in place for feature suggestions that impact the end-user experience, which includes a template that helps frame the feature pitch. Please update using that template.

7 participants



Assignees No one assigned

Labels

Enhancement

help wanted

needs spec

Proiects

Milestone

No milestone



Planning in Feature Tracking







MicrosoftIssueBot commented on Mar 6

This is your friendly Microsoft Issue Bot. I've seen this issue come in and have gone to tell a human about it.

MicrosoftIssueBot added the triage needed label on Mar 6



Geobucens commented on Mar 6

Author

Thanks for the feature suggestion. This does sound like an interesting idea. We have a process in place for feature suggestions that impact the end-user experience, which includes a template that helps frame the feature pitch. Please update using that template.

Thank you for taking your time and reviewing this request! I edited and used three parts of the template you asked me to use. I'll try to update it tomorrow morning if still required.

- MicrosoftIssueBot removed the triage needed label on Mar 6
- grochocki added the Enhancement label on Mar 6

joshbw commented on Mar 7



I don't know if the original request was specific to mathematical constants or was referring to scientific constants in various disciplines (Avogadro constant, Gravitational Constant, etc.), but a tab in the expanded view that now includes history and memory that allowed the various scientific constants to be inserted (and even better, allow assigning keyboard shortcuts) would be *amazing*





Geobucens commented on Mar 7

Author

I don't know if the original request was specific to mathematical constants or was referring to scientific constants in various disciplines (Avogadro constant, Gravitational Constant, etc.), but a tab in the expanded view that now includes history and memory that allowed the various scientific constants to be inserted (and even better, allow assigning keyboard shortcuts) would be *amazing*

I seem to have removed that information by accident. Edited the request and I hope that it's more clear now.



dodexahedron commented on Mar 7

Having the option to display them as the numerical or symbolic value in history would be a nice addition to this idea, I think.



lewisje commented on Mar 7 • edited ▼

It would be neat to see the Euler–Mascheroni constant or Apéry's constant or Catalan's constant in the set of pre-configured mathematical constants, but unlike e and π , they're not used in science as far as I know, just mathematics.

- grochocki added this to Pitch in Feature Tracking on Mar 12
- S grochocki added the needs pitch review label on Apr 1



grochocki commented on Apr 22 • edited •

Contributor

We reviewed the pitch and would love to move forward with it! I think this pitch is a great start, but there are still some open questions. Moving this into planning to iron out some of the details.

This aligns really well with the keyboard improvements we are making (#428). A couple questions to figure out:

- How do we decide which constants we support?
- Do all modes support constants (i.e., Scientific, Programmer, etc.)? Does the list of constants change accross modes?
- How do we ensure we present all of the constants in a scalable way?

I created calculator-specs/constants to track progress. For more information on next steps, check out our spec workflow.

- grochocki moved this from Pitch to Pre-Production in Feature Tracking on Apr 22
- Signochocki removed the needs pitch review label on Apr 22

- S grochocki added the needs spec label on Jun 12
- S grochocki added the help wanted label on Jun 21