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Trilinos Usability and Documentation Discussion

Trilinos User Group Meeting (TUG) 2022

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Questions to Ponder:

1. What are the biggest needs you see for improving Trilinos usability and documentation?
2. What do you see as the biggest needs for students and new users of Trilinos?
3. How do the needs of Sandia internal users differ from those of external users? Where do they intersect?
4. What are the biggest barriers to addressing these needs?
(What prevents your team from providing more tutorials and documentation?)
5. What ideas do you have for overcoming these barriers?
6. How can we improve communication between Trilinos users and developers?





Discuss with your Neighbor (or Teams Chat):

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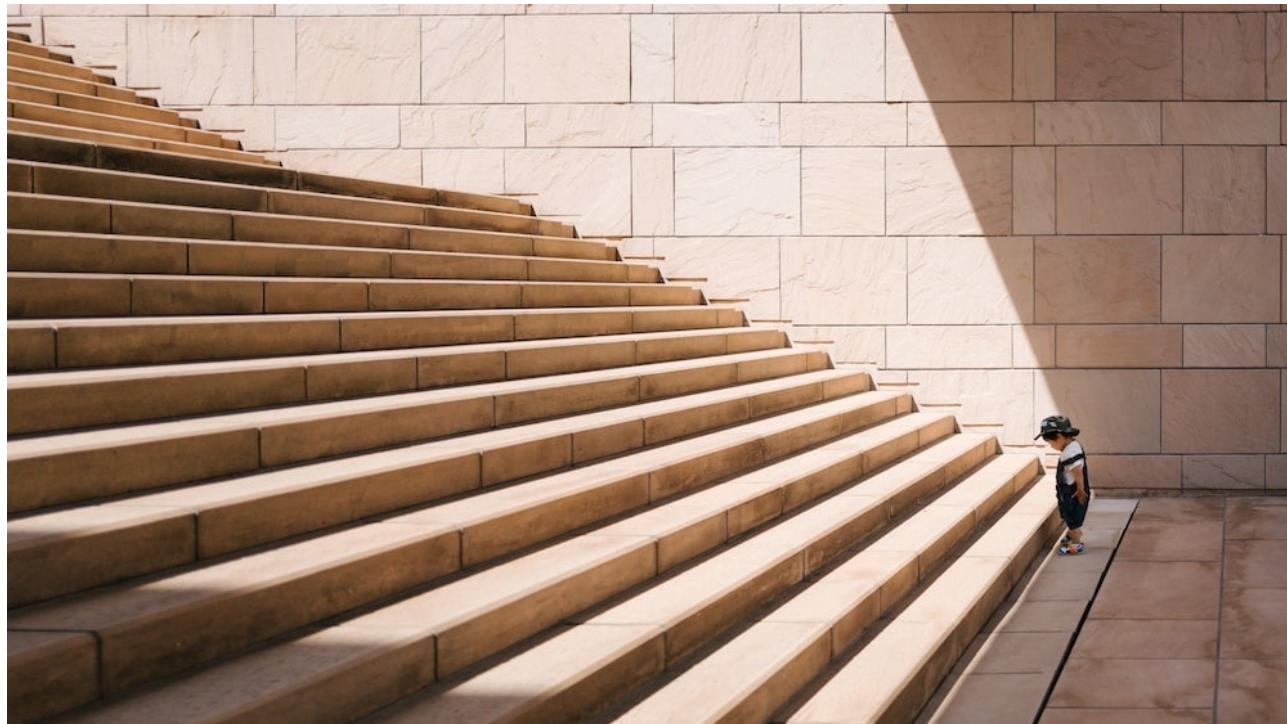
From EuroTUG discussion: 2 Problems and a Big Side Effect





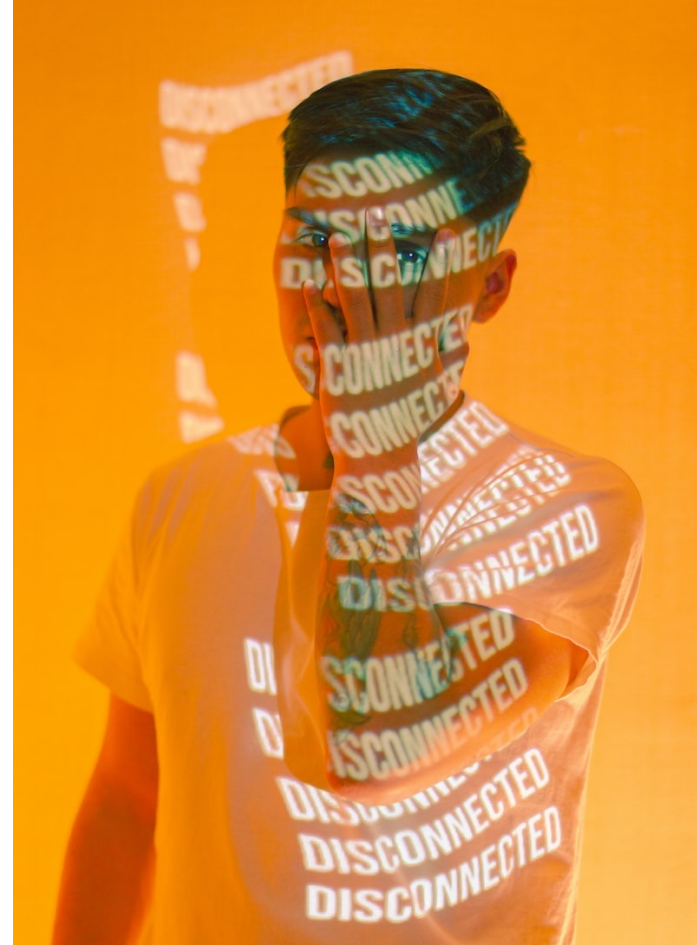
Problem 1: Trilinos Learning Curve

- Lack of tutorials.
- Lack of documentation.
- Many examples too advanced for beginners.



Problem 2: Precarious Communication with Developers

- Uncertainty of who to contact and how?
- Options for help besides GitHub?
- Getting help can be slow.





Side Effect: Losing Trilinos Users!

- "The developers of package X could never help us fix the problem. So we abandoned our plans to use Trilinos and switched to a different software library."
- Has happened to more than one package!





Open Discussion:

- Out loud in our room!
- Also, add comments to running Google Doc:

[GoogleDocTUG](https://docs.google.com/document/d/1tP6xcKNnjTH3nETdRhB2b4vTADltRfYi-cBalyM173w/edit?usp=sharing)

- <https://docs.google.com/document/d/1tP6xcKNnjTH3nETdRhB2b4vTADltRfYi-cBalyM173w/edit?usp=sharing>





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4. What are the biggest barriers to addressing these needs?

What prevents your team from providing more tutorials and documentation?





5. What ideas do you have for overcoming these barriers?





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Thank you for your participation!!





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