

Hey Zili,

Thanks again for taking the time to chat! I've outlined a few key points I'd love to go over during our meeting:

1. Input Length Limitation

- You mentioned that the command-line tool doesn't have input length restrictions—I'd love to see how it runs in practice.
- Is there a way to integrate the command-line tool with my converter for seamless execution? Right now, launching WEST takes quite a bit of time. Is there a way to speed this up?
- If a formula is too long, does WEST crash, or is it just a performance bottleneck? Based on my testing, I suspect the issue is more about computational limits rather than an algorithmic one—curious to hear your thoughts.

2. Input Range Constraints

- Since WEST is built around MLTL, I understand that unbounded ranges aren't possible. But are there any workarounds or transformations that could approximate "G" for practical use?
- Have you seen any strategies from other tools in the runtime verification space that could be relevant here?

3. WEST's Test Cases

- Are there plans to expand the set of example inputs? More diverse test cases would really help with debugging and validation.
- If additional test cases aren't available yet, would you be open to collaborating on building a broader set?

4. Strict Syntax Requirements & Variable Naming

- FRET allows more flexibility in variable naming, while WEST is quite strict. Is there any chance WEST could support a more flexible syntax to accommodate FRET's conventions?
- You mentioned that arbitrary variable names wouldn't be hard to implement—do you have any plans to add that soon?

5. Expanding Logic Support

- Are there any discussions or plans to extend WEST's support beyond MLTL? For example, could it eventually handle LTL?
- Additionally, does WEST currently support real-time error detection? It would be really helpful if it could highlight input errors with more actionable feedback.

Looking forward to hearing your thoughts on these! Let me know if there's anything else I should prepare before our chat.

Best,
Songyan