# BONUS: CONCERNING HOW TO ACCESS AND RUN TEA PROGRAMS

As of this writing, September 2025, TEA has already come a long way since first inception in 2021 when the language was but a toy experiment with a few instructions (a:, aa:, t:, rt:, s:, etc.) and that it was restricted to just an environment within the origin TTTT android mobile app[5]. Right now, TEA is not only a fully comprehensive language spanning 26 basic primitive instructions a: to z:, but because most of these can also be decorated or qualified (with any of the two standard instruction qualifiers, “!” and “\*” or both “\*!” --- and the rare, exceptional qualifier “.” Such as in D.:), so as to spawn other, distinct instructions, the entire instruction set could be close to approximately 26 x 4 (essentially more than 100) unique, basic TEA instructions! Thus, TEA is no more just a toy or a laboratory thing, but is ready to be applied and exploited in virtually any domains of computer programming, software engineering and computational problem solving in any scientific, mathematical and creative discipline.

As of this moment, with the latest version of command-line TEA at **v1.0.8**[3], while the WEB version of TEA[10][3][11] – meant to closely adhere to, and base its implementation on the CLI reference implementation[3], is also in line with that latest version, and for the foreseeable future, both versions, despite one being implemented in Python, and the other in JavaScript, are meant to, and expected to move in sync, so that we shall have one major version of TEA as a language, and all implementations must reflect the latest, reference standard of the language.

Concerning how to run TEA programs on any supported operating system via the official Linux/Debian packages:

1. If your system supports it, or is adequately prepared (has a Shell, Python3, curl and can run/install \*.deb packages), merely run the command: **curl -Ls https://bit.ly/installtea | bash**
2. Alternatively, head over to the TEA Github Project [3], and check the guide on the README, under the how-to-install section, for tips and latest info concerning installation. You might also merely clone the repository and run the TEA executable directly from your system if you know what you are doing.

For those who don’t wish to install anything or who just wish to try out TEA without first installing anything, the simplest approaches are two:

1. Head over to the **TEA WEB IDE**[11] and just type/paste in your TEA source code, and hit “RUN”. The essential url is <https://tea.nuchwezi.com>
2. The other option is to use the TEA WEB API. This still uses the above linked-to tool (unless one has installed or deployed WEB TEA on their own server or local environment), and essentially, you craft a special URL which contains both the point to the WEB TEA compiler/interpreter, and then the code and/or input data you wish to run or load, and this API likewise supports directly/automatically running any such provided data/code to see results – including ability to DEBUG such payloads. An example would be the following executable URL: <https://tea.nuchwezi.com/?i=PARACETAMOL&c=t:|h:|a!:|r!:&run>
   1. In case you wish to explore this further, head over the the WEB TEA IDE, and then click the “More” > “SHOW WEB IDE DOCS” and then read the guidelines displayed in the section on that interface in the “TEA Input”.

# REFERENCES

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