### r/Blind

•Posted by u/Santa1947

48 minutes ago (11/22/23 10:26pm)

## python utility intended for the BLIND folks...

If you are or know a blind python programmer then give this "addend" utility a look-see. "addend" adds #comment lines, like '#:end: if', '#:end: for' etc, for easier sound recognition when a syntax block structure has ended as defined by python's space indentation rules. Those added '#:end:' comment lines are placed whenever a syntax block has ended. Hopefully, these #comment lines provide guidance for VI folks while they simultaneously decipher python code and intently listen to unfamiliar python code with their favorite reader like JAWS or NVDA.

To use "addend" install it on Windows or MacOS via pip:

- (1) **pip install black** required python syntax checker
- (2) pip install addend

Run "addend" from command line without leading 'python' or '.py':

% addend --help

usage: addend [-h] [-r] [-d] [-v] [inFilename] [outFilename] positional arguments:

inFilename process input to add '#:end:' lines based on python indent rules. outFilename optional; DEFAULT is: inFilename.py is replaced. optional arguments:

- -h, --help show this help message and exit
- -r, --remove ONLY remove ALL '#:end:' comment lines from input filename.
- -d, --debug print debugging lines.
- -v, --version print version number.

Default output is 'inFilename.py' with '#:end:' comments added. Unchanged input file is SAVED as 'inFilename.MMDD-hhmmss.py' see README at https://github.com/kds215/addend#readme





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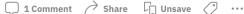
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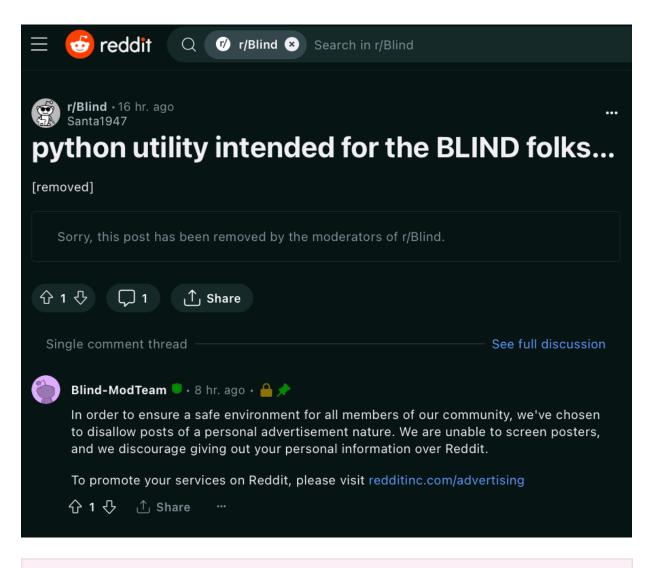
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