

Treating Code as an Essay

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Pythons Dictionary Implementation: Being All Things to All People

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Summary

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Exploration

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Notes

—Code as Essay—

- code will most likely need to be rewritten (debugged, updated, etc.); people must be able to read the code or else these functions will not be realized (even the best computer can't read code that hasn't been updated properly) - computers can deal with complexity; people can't
- concise is important in writing (don't waste words); similarly, brevity is important in code (be to the point)
 - allows scanning of code by eye to find utility
 - redundancy reduces cost of maintaining consistency (do it once, fix it once)
- code should be kept as simple as possible (I agree with this statement, though I think there comes a limit where simplicity and functionality converge)
 - classes are significantly more complex than functions or simple scripts, but are drastically more powerful; know when to use both
 - avoiding redundancy can lead to complicated software structures; simplicity should be balanced against abstraction

—Python Dictionaries—

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