A cheat sheet on *generic* good software development practice
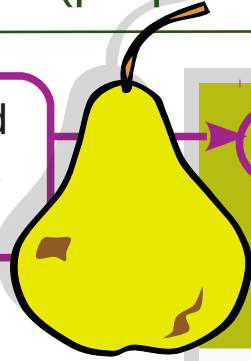
CW22 Hack Day pitch (proposer: Sadie Bartholomew)

Example potential *guidance* item:

✗ "Use git"   ~ "Use version control"

✓ "Use version control *for any code or documents that you or others might ever (re-)use or build on*"

Minimally *themed* (based on a bad pun) to make it distinctive & memorable

Pear Programming

Generic coding prompts & guidance from a wise anthropomorphic fruit

View project on GitHub

Sustainable: a *working document*, accessible to, & editable by, all via GitHub, to store community advice

pear-programming is maintained by sadielbartholomew.

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Hard *and soft* skills. My ideas as a starting point, but to be agreed!

/ Contents by topic

The following topics are covered (click on any topic to navigate to the corresponding section):

- Writing code
- Reviewing code
- Debugging
- Testing
- Documenting
- Refactoring
- Communicating about software
- Programming productivity
- Designing and planning solutions
- Meeting deadlines
- Satisfying (user) requirements
- Knowledge sharing

Motivations:

• More working from home means less chance to learn by observing colleagues at work, particularly detrimental to those more junior

• Cheat sheet format provides quick, concise reference for good practices and tips

Basic underlying infrastructure already created* in form of a simple, static GitHub web page; *Hack Day can focus straight on discussing & agreeing suitable initial guidance items to include*.

*for now at https://sadielbartholomew.github.io/pear-programming/