Habits of Efficient Developers

Some time posts:

[01:45](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=105s) : 1. Focus Interruptions: 15-20 minutes to get back a. Own control: Email notifications.

***Disable all notifications during study and works.***

b. Not under your control XXXX. ***Remove the environment or go away from the distraction, deal with it ASAP.***

[02:30](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=150s) : Email notifications are the worst! [03:08](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=188s) : 1a. ***Disable ALL notifications*** [04:58](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=298s) : 1b. ***Pair Programming***

05:AA secs: 1c. Sleep over coffee (?) . ***Less coffee and more sleep or rest.***

[05:50](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=350s) : 1d. ***One task at a time less multitasking.***

[06:31](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=391s) : 2. ***Master your IDE*** [06:57](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=417s) : 2a. Functionality 2b. Shortcuts 1b. ***Pair Programming***

[07:47](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=467s) : 3. No menial work, don’t waste time doing unproductive useless worthless works. [08:55](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=535s) : 3a. Write programs (for yourself) ***. Automate tasks.***

[09:30](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=570s) : Bash. [09:57](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=597s) : Demo (Bash) . ***Master the BASH.*** ***Bash script is very good.***

***Time management is most important.***

[10:39](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=639s) : Format JSON content with 'jq'

[14:59](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=899s) : XKCD 1205

[15:04](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=904s) : 3b. Avoid GUIs ***. Use less GUI***.

[15:38](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=938s) : 3c. Automate testing For every new bug: First add a test to reproduce it (for regression testing)

[17:10](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1030s) : 3d. Repeatable Developer Environment.

[17:42](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1062s) : 'Docker-compose up'.

[18:19](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1099s) : Docker compose file example with three Docker containers Also allow easy experimentation with newer/other versions of development tools, etc.

[19:22](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1162s) : ***4. Feedback. Find the shortest and tightest feedback loop.***

[19:56](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1196s) : 4a. ***Test-driven development (TDD)***. ***Test then code then Refractor.***

***Write code for tests. Unit testing is important. Write lots of small programs, trial and error method.***

[24:45](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1485s) : 4b. REPL For exploring unknown systems and APIs. Read Eval(+uate) & / or (execute) Print Loop.

[25:03](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1503s) : REPL demo (using a remote REPL server, Clojure)

[29:24](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1764s) : End of REPL demo.

[29:31](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1771s) : 4c. Code reviews . Efficient developers want their codes reviewed. Continuous code reviews.

[29:58](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1798s) : Tweet: <twitter DOT com/iamdevloper/status/397664295875805184> "10 lines of code = 10 issues. 500 lines of code = "looks fine." Code reviews."

[31:20](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1880s) : Asking the product owner to create a refactoring story!

[31:50](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1910s) : 4c. Continuous Code reviews. Have a personal stack overflow. Avoid information/ knowledge siloes in the team. Pair programming.

[33:05](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=1985s) : End, with a summary

[33:27](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=2007s) : Stop, take brakes, evaluate how the work is going, Never stop learning!

[33:29](https://www.youtube.com/watch?v=9-cyC6O81Bk&t=2009s) : Presenter: twitter DOT com/DanLebrero DLebrero AT gmail DOT com danlebrero DOT com/ twitter DOT com/Akvo akvo DOT org/