

Memorizing Verbatim Quotes With Interdependent Flashcards

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Problem

How can we elegantly memorize a quote like

Because the sunset, like survival, exists only on the verge of its own disappearing. To be gorgeous, you must first be seen, but to be seen allows you to be hunted.

— Ocean Vuong

Links

- [Repository](#)
- [Webapp](#)



Solution Concept

1. *Spaced Repetition* is probably great to learn how to remember quotes (*memoria verborum*)
2. However, memorizing a whole quote “in one go” is hard verging on impossible
3. To solve this, we can split the memorization process into parts; We will memorize the quote from back to front (*back-chaining* [1]), using *cloze deletion* such as:
 - “Complete the missing part: *Because the sunset _____*”
4. However, for that, we need multiple spaced repetition flashcards per quote to memorize, and need to learn them in a specific order (this is tedious to author, and the ordering is not supported by traditional software such as Anki [2])
5. So we design our own Webapp supporting this use case...

Screenshots

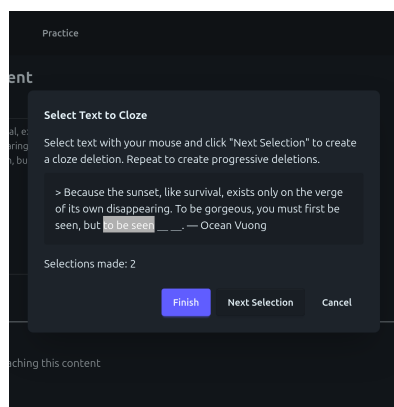


Figure 2: A special authoring wizard allow to quickly generate a set of staggered flashcards with increasing difficulty.

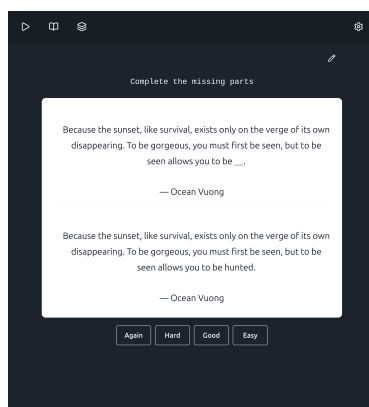


Figure 3: Flashcards are practiced with a classic reveal-score flow.

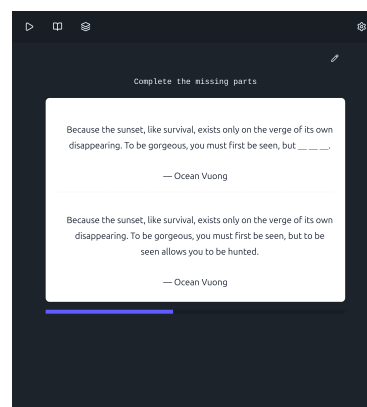


Figure 4: Harder flashcards will not come up in practice unless all their prerequisite flashcards are practiced (meaning they came up at least once and are currently not due according to the ts-fsrs [3] algorithm).

Bibliography

- [1] Gabriel Wyner, *Fluent Forever: How to Learn Any Language Fast and Never Forget It*. 2014.
- [2] “Anki Forum — Is it possible to link cards?.” [Online]. Available: <https://forums.ankiweb.net/t/is-it-possible-to-link-cards/13536>
- [3] “ts-fsrs.” [Online]. Available: <https://github.com/open-spaced-repetition/ts-fsrs>