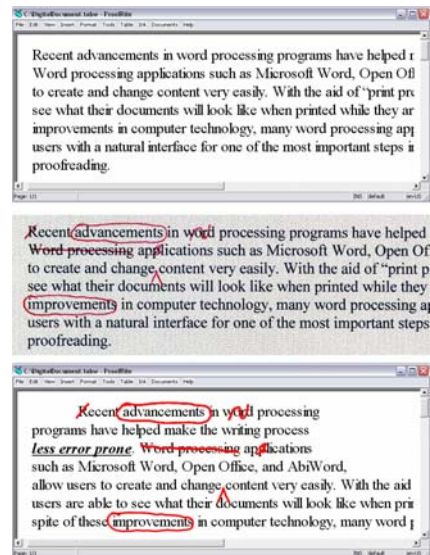


ProofRite

Kevin Conroy

Dave Levin

François Guimbretière



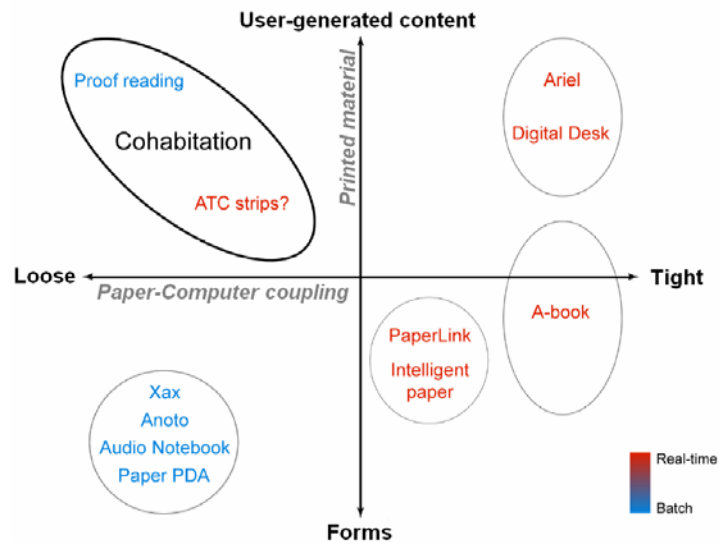
ProofRite: Introduction

- Problem: Computer printouts have no link back to digital source.

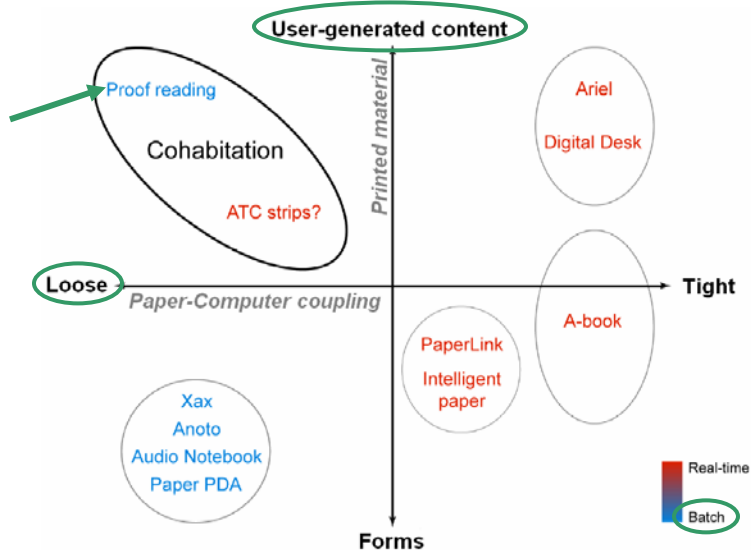


- Solution: Augment paper interfaces while preserving the flexibility of digital document.

ProofRite: Previous Work



ProofRite: Previous Work



ProofRite: Features

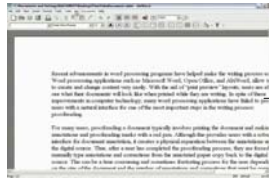
- Word processor with a focus on proofreading
- Ability to interact with documents via paper or computer (whichever is more convenient)
- Annotate paper documents, import markings, and reposition markings as document changes
- Ultimate Goal: Seamless integration of paper and computers

ProofRite: Usage Pattern



1. Digital source

ProofRite: Usage Pattern



1. Digital source



2. Print

ProofRite: Usage Pattern



1. Digital source



2. Print



3. Annotate with digital pen

ProofRite: Usage Pattern



1. Digital source



2. Print



3. Annotate with digital pen



4. Synchronize pen with computer

ProofRite: Usage Pattern



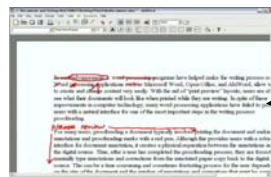
1. Digital source



2. Print



3. Annotate with digital pen



5. Import strokes to digital source

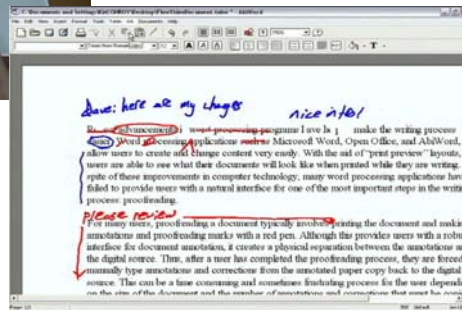


4. Synchronize pen with computer

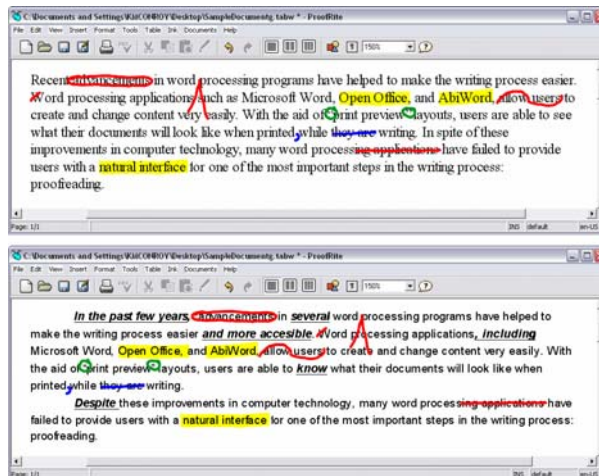
ProofRite: Usage Pattern



Also supports markings made by multiple users



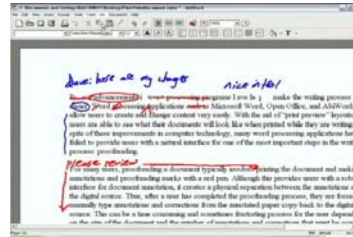
ProofRite: Usage Pattern



Repositions annotations as the document changes

ProofRite: Conclusion

Paper and digital documents can be synchronized transparently, removing barriers from the writing process.



<http://www.cs.umd.edu/hcil/proofrite>