

Intellectual Property

Tom Kelliher, CS 200

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1 Administrivia

Announcements

Assignment

Read: Chapter 5.

Turn in answers to these questions: 10, 28, 37.

Turn in a one paragraph abstract describing your paper/presentation topic (20% of your paper grade). Presentations will be April 17 and 24. Two presentations per class, 20 minutes each.

From Last Time

Networking.

Coming Up

Privacy.

2 Chapter Summary

1. Intellectual property (IP)
 - (a) What is it?
 - (b) We have a natural right to physical property. What about intellectual property?
 - (c) Benefits/costs of intellectual property protection. Limitations.
2. IP protection mechanisms: trade secrets, Trademarks and service marks, patents, copyrights.
3. Fair use:
 - (a) Four part test: Purpose and character of the use, nature of the work being copied, how much is being copied, how will the use affect the market for the work.
 - (b) Goucher's response: IP policy; safe harbor rules; Fair Use Committee.
 - (c) Time shifting and space shifting.
4. Digital Millennium Copyright Act (DMCA):
 - (a) Strictures on fair use (personal copying).
 - (b) Digital rights management. Encrypted CDs (Microsoft vs. Apple wrt .wma media file format).
5. Peer-to-Peer Networks
 - (a) Napster, etc.
 - (b) eDigix service at Goucher. The "right to violate copyright."
6. Protecting Software:
 - (a) Copyrights and patents.

7. Open source software. Eric Raymond's *The Cathedral and the Bazaar*.

Problems: quality, splintering (unintended forks in development path, a la Unix).

8. Ethical analyses of:

(a) IP protection for software.

(b) Copying IP.

3 Discussion Questions

1. Real life example: a Goucher faculty member suspects a student of plagiarism and uploads the student's paper to an online plagiarism checking service. The service returns a "hit" and the student is sent to the Honor Board. Next semester, the same student has the same professor for another class. This time, the student puts a copyright notice on his submitted paper.

2. Pps. 203–: 24, 25, 31, 32, 34.