

# Intellectual Property

## Lecture 4-1

Computers & Society (CPSC 430)

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# 4.1 Introduction

- Value of intellectual property much greater than value of media
  - Creating first copy is costly
  - Duplicates cost almost nothing
- Illegal copying pervasive
  - Internet allows copies to spread quickly and widely
- In light of advances in information technology, how should we treat intellectual property?



**Tired of being treated like a **criminal** for sharing music online?**

**You're in good company.** Over 60 million other music fans use peer-to-peer programs like Kazaa and Morpheus to share their favorite tunes. Yet the record labels are bullying ISPs and hunting down college kids in an effort to shut down file sharing.

Isn't it time for a new approach? Electronic Frontier Foundation thinks so. We believe the answer lies in a model that fairly compensates artists while supporting music lovers. Join EFF today so the music can play on.

**File-Sharing:  
It's Music to our Ears**

Stand up for your right to share the music you love!  
Join EFF today at [www.eff.org/share](http://www.eff.org/share).

The advertisement features five diverse individuals standing in a line against a height chart background. From left to right: a woman with glasses and a dark top, a man with a beard and a suit, a woman with curly hair in a dark jacket, a man with a beard and a white t-shirt, and a man with glasses and a white jacket. The EFF logo is in the bottom left corner.

# What Is Intellectual Property?

- Intellectual property: any unique product of the human intellect that has commercial value
  - Books, songs, movies
  - Paintings, drawings
  - Inventions, chemical formulas, computer programs
- Intellectual property  $\neq$  physical manifestation

# Let's step back from IP and consider basic property rights...

- Locke: People have a right...
  - to property in their own person
    - nobody should be allowed to enslave you
  - to their own labor
  - to things which they remove from nature through their labor
- As long as...
  - nobody claims more property than they can use
  - after someone removes something from nature, there is plenty left over



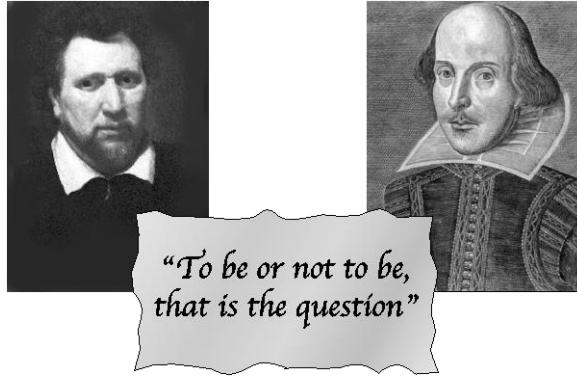
# Property Rights

- This position is not uncontroversial:
- Pierre-Joseph Proudhon: “Property is Theft”
  - “The liberty and security of the rich do not suffer from the liberty and security of the poor; far from that, they mutually strengthen and sustain each other. The rich man’s right of property, on the contrary, has to be continually defended against the poor man’s desire for property.”
- Do you think property is a right?  
If so, should the right have limits?

# Expanding the Argument to Intellectual Property

- The textbook considers the (fairly ridiculous) proposition:  
“Writing a play is akin to making a belt buckle”
- Belt buckle
  - Mine ore
  - Smelt it down
  - Cast it
- Writing a play
  - “Mine” words from English language
  - “Smelt” them into prose
  - “Cast” them into a complete play

# Are We Convinced?



- If Ben Jonson and William Shakespeare simultaneously write down Hamlet, who owns it?
  - If that sounds far-fetched, two modern artists who paint a canvas blue
  - Two people can't have intellectual property rights to the same idea, even if they both had it independently
- If Ben “steals” the play from Will, both have it
  - Unlike a belt buckle, stealing doesn't deny ownership to the owner

# Discuss in groups

- What protections for intellectual property are reasonable?
- What protections for intellectual property are unreasonable?
- What principles should we appeal to in answering these questions?