

Filing and Saving

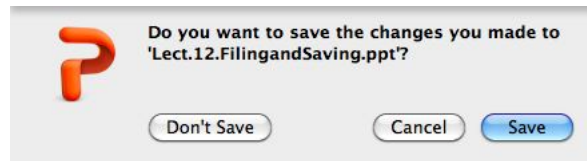
Lecture 12

Outline

- Problem of Save?
- Principles for Saving and Filing
- Exercise

Save Changes

- What's wrong with save?



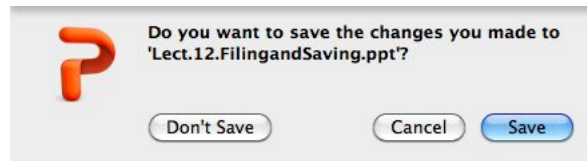
Save Changes

- What's wrong with save?
- Why should there be a dialog?
 - What principles are at play here?



Save Changes

- What's wrong with save?
- Why should there be a dialog?
 - What principles are at play here?
 - Keep the user informed
 - Don't ask a lot of questions
 - Anticipate user's needs



Paradigm for Save

- What Interface paradigm is "save"?

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 - Implementation centric Interface
- Why is this implementation centric?

Paradigm for Save

- What Interface paradigm is “save”?
 - Implementation centric Interface
- Why is this implementation centric?
 - Disks as devices, expose the disk as the model

Beyond an Implementation Centric Interface for Files

- Principles for Filing/Saving
 - Automatically saving
 - Creating a copy/version
 - Naming and renaming
 - Placing and moving in the file system
 - Specify document format
 - Reversing changes
 - Reverting to a prior version

Beyond an Implementation Centric Interface for Files

- Automatically saving
 - Automatically save versions in the background
- Creating a copy/version
 - Provide a specific function for this
- Naming and renaming
 - Name/rename the document in place – wherever the name is displayed
- Placing and moving in the file system
 - Place files where users expect
 - What is the posture of your application?

Beyond an Implementation Centric Interface for Files

- Specify document format
 - Not a characteristic of the File – a trait of the file/document – don't implement as conversion
- Reversing changes
 - Provide mechanisms to undo changes
- Creating versions
 - Disk space is cheap – show possible versions
- Abandon all changes
 - Users should be protected from complete data loss.

Wikipedia Editing

- Visit page

The screenshot shows a web browser window displaying the Wikipedia article for 'Rotoscoping'. The browser's address bar shows the URL 'en.wikipedia.org/wiki/Rotoscoping'. The article text explains that rotoscoping is an animation technique where animators trace over live-action film movement frame by frame. It mentions that the technique was invented by Max Fleischer and used in his series 'Out of the Inkwell' starting around 1915. A diagram on the right illustrates the process of drawing over a transparent sheet onto a movie projector. The article also notes that the technique was used for the character Koko the Clown and later for the character Koko the Clown in the 'Clay Gullyway' dance routine in three Betty Boop cartoons from the early 1930s.

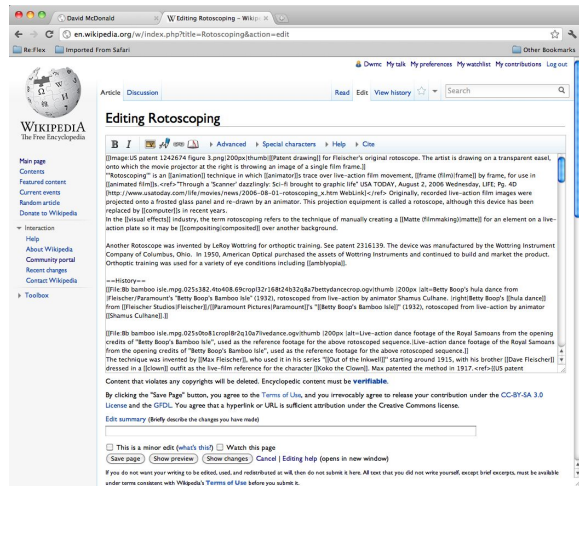
Wikipedia Editing

- Visit page
- Click to Edit



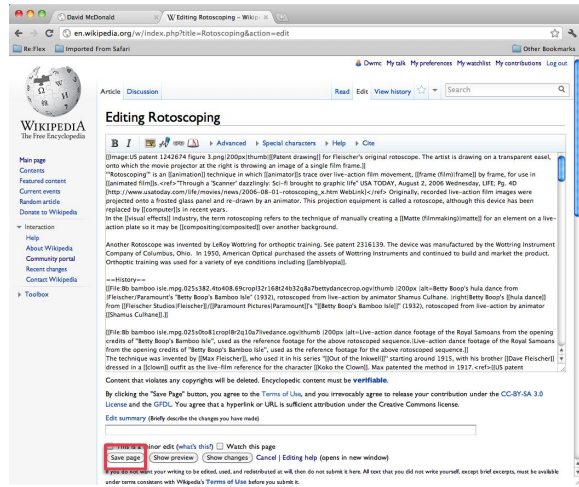
Wikipedia Editing

- Visit page
- Click to Edit
- Edit wikitext



Wikipedia Editing

- Visit page
- Click to Edit
- Edit wikitext
- Save



Wikipedia Editing

- What's wrong with this?
- How could this be improved?

Wikipedia Versioning

- Visit page



Wikipedia Versioning

- Visit page
- View History



Wikipedia Versioning

- What's wrong with this?
- How could this be improved?

Exercise

- Use Filing/Saving principles to improve "save" or "revert" scenario for Wikipedia
 1. Develop a short scenario for Barry either an editing or reverting scenario. Wikipedia is a **multi-user** application. Your scenario should include an editing, saving or restoring **conflict** that must be resolved
 2. Storyboard a UI that uses the principles for filing and saving

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 2. Storyboard a UI that uses the principles for filing and saving
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