RAPID DEVELOPMENT FOR SINGULAR PURPOSE MAC COMPUTING ENVIRONMENTS

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Hashtag: #xw13
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ANU/ITS (basically)
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- Desktop
- Standard
- Extended
- Specialist
ANU/ITS (basically)
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The Problem
Singular-use Environments

• Fill gap in missing functionality
  • Calendar display
  • (automated) Resource booking system
  • Digital Feedback box
  • Print station
Assumptions

• Already have setup
  • Admin accounts
  • Software/Settings deployment
  • Network + Server infrastructure
• Basic OS X knowledge
Generic Requirements

• Simple setup
• Autonomous (where required)
• Use of older machines
• Ability to build on current infrastructure
• Little maintenance
• Gap to fill
Movie Display -
Requirements

- Client
  - Use current iMacs to play a variety of movies
  - Setup once, then no-touch
Movie Display
Movie Display
Movie Display - Design
Movie Display - Design

- Standard admin / deployment
Movie Display - Design

- Standard admin / deployment
- Auto-login
Movie Display - Design

- Standard admin / deployment
- Auto-login
- Auto movie-play
Movie Display - Design

• Standard admin / deployment
• Auto-login
• Auto movie-play
• Simple (individual) movie distribution
Movie Display - Design

• Standard admin / deployment
• Auto-login
• Auto movie-play
• Simple (individual) movie distribution
  • (file on the desktop)
Movie Display - Design

- Standard admin / deployment
- Auto-login
- Auto movie-play
- Simple (individual) movie distribution
  - (file on the desktop)
- Other settings (bluetooth, power, wifi)
Movie Display
-activity 1
Exam - Requirements

- Client
  - Text editor style program
  - Difficult to cheat
  - Operated by examiners aged 60+
  - Printed output (of work)
Exam - design

- ‘generic’ client accounts
  - Secured - Using parental Controls
  - Backed-up - Logout Script
  - Simplicity - Bare minimum apps

- System
  - Firewall
PhotoBooth & Display

Requirements

• Client
  • Easy and Fun to use
  • Ability to view images taken

• Admin
  • Quick and Simple setup
Photo - design

- 2+ machines
  - 1 as the Photo Booth
  - 1 as the Photo Display
- Auto login / setup
- use IR remotes (for control)
- image transfer and backup
Photos

-activity 3
Final

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