

UNIVERSITY OF PRETORIA DEPARTMENT OF LIBRARY SERVICES



New Technologies: yesterday, today, tomorrow
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UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Denkleiers • Leading Minds • Dikgopolo tša Dihalefi

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- Trends
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Introduction



- Viewpoint: Information Specialist / Subject Librarian
- Within a academic institution
- Examples from UP Library
- Emphasis on the impact technology has on performance of tasks



Trends

- Horizon Report
- ACRL Reports & Environmental scans
- Gartner





Looking into the recent past

- Information provision
 - Online literature databases
 - Online & printed journals
 - Email
- Information literacy
 - Presentations
 - Hands on session
 - 1:1 physical demonstrations
- Marketing
 - Product demos
 - Displays
 - Brochures / flyers



Looking into the recent past



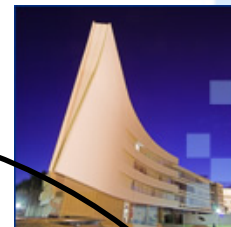
- Alert services
- Communication
 - Email
 - Telephone
- Reliance on Interlibrary loans



Moving on

- Web 2.0
- New
- Change
 - Technology
 - Service provision
 - Behaviour!!
- Adoption







The First HTML5 Mobile App Framework
Sencha Touch allows you to develop web apps that look and feel native on Apple iOS and Google Android touchscreen devices.



Future

Information provision



Search Engines Open Content

Mobile Information provision:

- Applications / Mobile sites
- Access to journals via mobile device
- Keeping users updated changes

Impact:

- Librarian skills
- Knowledge about devices
- Knowledge about products
- Information literacy

Future

Information literacy

- Game based learning
- Second life
- Video / voice recording
- Podcasting
- Instant messaging

Mobile Information literacy:

- E-learning environment
- Voice / video
- Less physical / virtual presentation

Impact:

- Librarian skills
- Knowledge about devices
- Knowledge about products
- Internet costs

Future

Marketing

- Web 2.0 on mobile
- Use of mobile
 - QR codes
 - Augmented Reality

Mobile Information literacy:

- E-learning environment
- Less physical / virtual presentation
- Visible online presence

Impact:

- Librarian skills
- Knowledge about devices
- Knowledge about products

Future

Alert services

- RSS Feeds
- RSS readers
- Online newsletters
- Blogs
- Reader feeds
- Twitter

Mobile Alerting:

- Reader feeds
- Updates through Mobile

Impact:

- Librarian skills
- Knowledge about devices
- Knowledge about products

UPLS



- Web 2.0 integration on Mobile
- Redesigning of physical spaces
- Collaboration between departments
- Awareness
- Mobile platform site
- Comparisons of tablets
- Investigations of e-book readers



Recommendations



- Librarians skills
- Knowledge about devices, products and services
- Awareness and communication
- Collaboration
- Training
- Having fun!





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by Mark Parisi



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