

QR Codes: Pushing the library out or bringing the world in?

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Outline

- What is a QR code
- Potential Uses
- Application to the Library
- What are others doing?
- Case study – Wintec Library
- Future potential

The QR Code

- QR Codes are 2D barcodes that contain large amounts of information. They can be read both horizontally and vertically.
- They can be accessed by a mobile phone with both a camera and internet access.
- A QR Code reader needs to be downloaded from the Internet onto your cell phone or mobile device in order to access information stored in the codes.

Download the QR Code Reader

- <http://www.mobile-barcodes.com/qr-code-software/>
- Depending on the make of your cell phone you will be directed through the steps necessary.
- Once loaded, simply open the application, point your camera and the information will be accessed. Speed of access may vary.

Create your own

- Creating your own QR Codes is also extremely easy.
- <http://qrcode.kaywa.com/> a good place to start
- Think of how you could use codes that allow the creation of location-specific information

Potential Uses

- The sky's the limit
- ScanLife *Mobile Barcode Trend Report* 2010
- http://blog.scanlife.com/wp-content/uploads/2010/09/Mobile-Barcode-Trend-Report_9.10.pdf

Application to the Library

- Student treasure hunt
- Training sessions
- Embedded within bibliographic records - textual
- Institution celebrations
- Self-paced library tour
- Use within LibGuides
- Location information embedded within bibliographic records - video

What are others doing?

- Academic use

University of Bath



What are others doing?

- Public library use

Contra Costa County Library

<https://snapngo.ccclib.org/?pg=lp&f=PreferredReaderList>

and

<http://guides.ccclib.org/qr>

Case study – Wintec Library

- *Creation* – creation, storage and management of QR codes, usefulness for staff/students
- *Deployment* – how best to generate location-based content and service provision
- *Impact* – usage monitoring, evaluation of impact upon teaching and learning

An early trial

Holdings Information - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://wintec.lconz.ac.nz/vwebv/holdingsInfo?bibId=57605

Do you want Firefox to remember this password? Remember Never for This Site Not Now

Mobile computing principles : designing and developing mobile applications with UML and XML.

Library: - Waikato Institute of Technology

Title: Mobile computing principles : designing and developing mobile applications with UML and XML.

Main Author: [B'Far, Reza](#)

Subjects: [Mobile computing](#)
[UML \(Computer science\)](#)
[XML \(Document markup language\)](#)

Publisher: New York : Cambridge University Press, 2004.

ISBN: 0521817331 (hbk.)

Description: xvi, 861 p. ; 26 cm.

Notes: Includes bibliographical references (p. 819-834) and index.

Electronic Resource [Table of contents](#)

Holdings:


Location:	Wintec City Main Collection - Ground floor
Call Number:	005.133UM BFA
Number of Items:	1
Status:	Available


This item
Full Record View
[Staff View](#)

Actions

- [Make a Request](#)
(e.g. Hold, Recall, Photocopy)
- [Print](#)
- [Export](#)
- [E-mail](#)
- [Add to My List](#)

Google Books:

 [Limited Preview](#)
["About This Book"](#)



Bibliographic Record Display

Done

start [Taskbar icons] 2:38 p.m.

QR Codes at Wintec

Have you noticed these strange-looking graphics appearing around the Library?

Are you wondering what they mean?



Would you like to know?

Two training sessions are running in the Library training area:

Monday 2 November 12.00-1.00 p.m.

Tuesday 3 November 12.00-1.00 p.m.

Pushing information out



The screenshot shows a Windows Internet Explorer browser window displaying a web page from Wintec. The address bar shows the URL <http://libguides.wintec.ac.nz/qrcodes>. The page features the Wintec logo and navigation links. A large QR code is displayed on the left side of the page. The main content area contains text explaining QR codes and their use in a library environment. The browser's taskbar at the bottom shows the system clock as 1:23 p.m. on 25/11/2010.

Welcome - QR Codes - LibGuides at Waikato Institute of Technology - Windows Internet Explorer

<http://libguides.wintec.ac.nz/qrcodes>

Wintec
WAIKATO INSTITUTE OF TECHNOLOGY
Te Kuraini o Waikato

Library Home » LibGuides Home » QR Codes Admin Sign In

QR Codes Tags: [libguides](#) [library_guides](#) [wintec](#)

This guide offers information on QR Codes and how they can be used within a library environment.

Last update: Nov 24th, 2010 | URL: <http://libguides.wintec.ac.nz/qrcodes> | [Print Guide](#) | [RSS Updates](#) | [SHARE](#) [f](#) [t](#) [e](#) ...

Welcome | **QR in the Library** | QR Programs & Software | QR Resources | Feedback

Welcome | [Comments \(0\)](#) | [Print Page](#) | Search | This Guide | [Go](#)

Welcome to QR Code World

About QR Codes

QR Codes are 2D barcodes that contain large amounts of information. They can be read both horizontally and vertically. QR is short for Quick Response. These codes allow people to instantly learn more about an event, product, web site, business and more by linking you to content on any supported phone.

Make sure your phone can scan a QR code with its camera, either with an application that you download or via software that's already installed on your phone. Your mobile cameraphone may be able to scan QR codes out of the box or you may need to download software.

When you see a QR code, use your phone's application to scan it. You will be taken instantly to information on your phone.

Local intranet | Protected Mode: Off | 100%

EN | 1:23 p.m. 25/11/2010

Making the link

The screenshot shows a Windows Internet Explorer browser window displaying a LibGuides page for Architecture at Waikato Institute of Technology. The browser's address bar shows the URL <http://libguides.wintec.ac.nz/architecture>. The page features a yellow header with the Wintec logo and navigation links for Library Home, LibGuides Home, and Architecture. A search bar is present, and the page is organized into several sections: 'What's New in Architecture?' with a 'New Titles - RSS Feed' link; 'Welcome' with a paragraph about the guide's purpose; 'Online Tutorials' listing resources from Waikato University, Wichita State University, and Sacramento City College; 'Definition' defining architecture as 'The art and science of designing and erecting buildings'; and 'Related Subject Guides'. A 'Subject Guide' sidebar on the right includes a profile for Malcolm Hinton, his contact information, and links to his profile and guides. The browser's taskbar at the bottom shows the system clock as 1:25 p.m. on 25/11/2010.

Location-specific information

The screenshot shows a Mozilla Firefox browser window displaying a library catalogue record. The address bar shows the URL: <http://testapp01.lconz.ac.nz:7416/vwebv/holdingsInfo?bibId=54670>. The page title is "Holdings Information - Mozilla Firefox". The browser's address bar shows the URL. The page content includes a navigation menu with "New Search", "My Saved Searches", "My Saved Items", "My Account", "Search History", and "Māori". The main content area is titled "Clinical laboratory hematology." and contains the following information:

Library: - Waikato Institute of Technology
Title: Clinical laboratory hematology.
Main Author: [McKenzie, Shirlyn B.](#)
Contributor(s): [McKenzie, Shirlyn B. Textbook of hematology. Blood-Examination. Hematology. Blood-Diseases--Diagnosis.](#)
Publisher: Upper Saddle River, N.J. : Pearson Education, c2004.
ISBN: 0130199966 (hbk.)
Contents: Ch. 1. Introduction -- Ch. 2. Cellular Homeostasis and Hematopoiesis -- Ch. 3. Structure and Function of Hematopoietic Organs -- Ch. 4. The Erythrocyte -- Ch. 5. Hemoglobin -- Ch. 6. The Leukocyte -- Ch. 7. Routine Hematology Procedures -- Ch. 8. Peripheral Blood Smear -- Ch. 9. Bone Marrow -- Ch. 10. Introduction to Anemia -- Ch. 11. Anemias of Disordered Iron Metabolism and Heme Synthesis -- Ch. 12. Hemoglobinopathies: Qualitative Defects -- Ch. 13. Thalassemia -- Ch. 14. Megaloblastic and Nonmegaloblastic Macrocytic Anemias -- Ch. 15. Hypoproliferative Anemias -- Ch. 16. Introduction to Hemolytic Anemia -- Ch. 17. Hemolytic Anemia: Membrane Defects -- Ch. 18. Hemolytic Anemia: Enzyme Deficiencies -- Ch. 19. Hemolytic Anemia: Immune Anemias -- Ch. 20. Hemolytic Anemia: Nonimmune Defects -- Ch. 21. Nonmalignant Granulocyte and Monocyte Disorders -- Ch. 22. Nonmalignant Lymphocyte Disorders -- Ch. 23. Flow Cytometry -- Ch. 24. Chromosome Analysis of Hematopoietic Disorders -- Ch. 25. Molecular Analysis of Hematologic Diseases -- Ch. 26. Introduction to Hematopoietic Neoplasms -- Ch. 27. Myeloproliferative Disorders -- Ch. 28. Myelodysplastic Syndromes -- Ch. 29. Acute Myelogenous Leukemias -- Ch. 30. Acute Lymphoblastic Leukemias -- Ch. 31. Lymphoid Malignancies -- Ch. 32. Hematopoietic Stem Cell Transplantation -- Ch. 33. Morphologic Analysis of Body Fluids in the Hematology Laboratory -- Ch. 34. Primary Hemostasis -- Ch. 35. Secondary Hemostasis and Fibrinolysis -- Ch. 36. Disorders of Primary Hemostasis -- Ch. 37. Disorders of Secondary Hemostasis -- Ch. 38. Thrombophilia -- Ch. 39. Laboratory Testing in Coagulation -- Ch. 40. Special Hematology Procedures -- Ch. 41. Automation in Hematology -- Ch. 42. Quality Assurance in the Hematology Laboratory.
Description: xvii, 956 p. : ill. (some col.) ; 29 cm.
Notes: This text replaces: Textbook of hematology published by Lea & Febiger in 1988 and by Williams & Wilkins in 1996"--Pref. Includes bibliographical references and index. Includes CD ROM.

Holdings:
Location: Wintec City Main Collection - Ground floor
Call Number: 616.15 MCK
Number of Items: 1
Status: Wintec City Main Collection - Ground floor - Available

On the right side of the page, there is a "Bibliographic Record Display" box with the following options:

This item
Full Record View
- [Staff View](#)

Actions
- [Make a request](#)
(e.g. Recall, Hold)
- [Print](#)
- [Export](#)
- [E-mail](#)
- [Add to My List](#)

More About This Item From
[this item](#)

Google Books:
 "About This Book"

A QR code is located at the bottom right of the page.

Future potential

?

Thank you