



DCU, December 2014

Going the Distance: Best Practices in Designing & Sharing Reusable Learning Objects

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Background

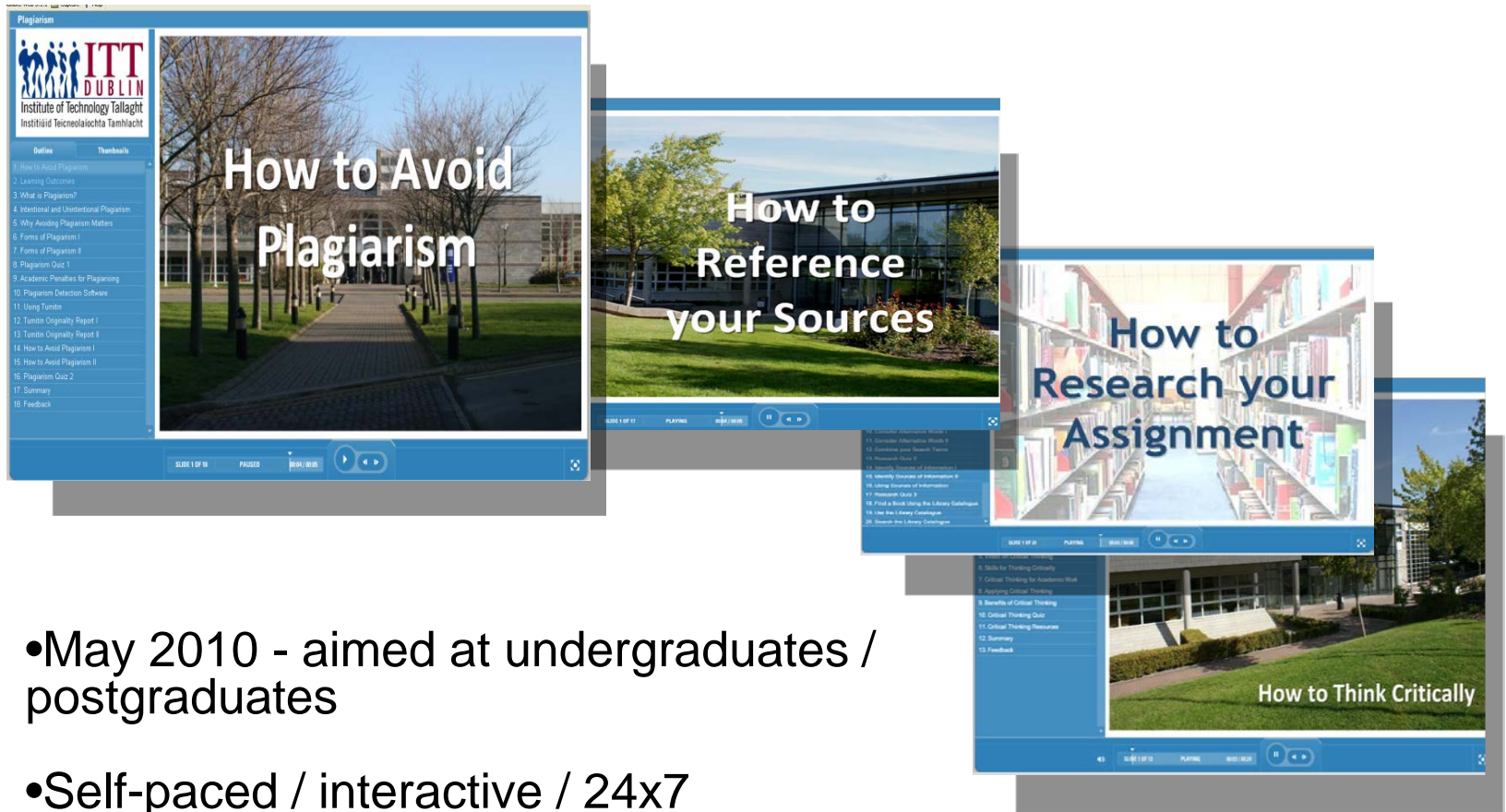
- Institute of Technology Tallaght (ITT Dublin) - range of courses / 4500 FTEs

- Information literacy (IL) / eLearning - strategic focus:

- 3 level IL Framework (2004)
- Strategic Plan (2009-2014)
- Learning, Teaching & Assessment Strategy (2011)

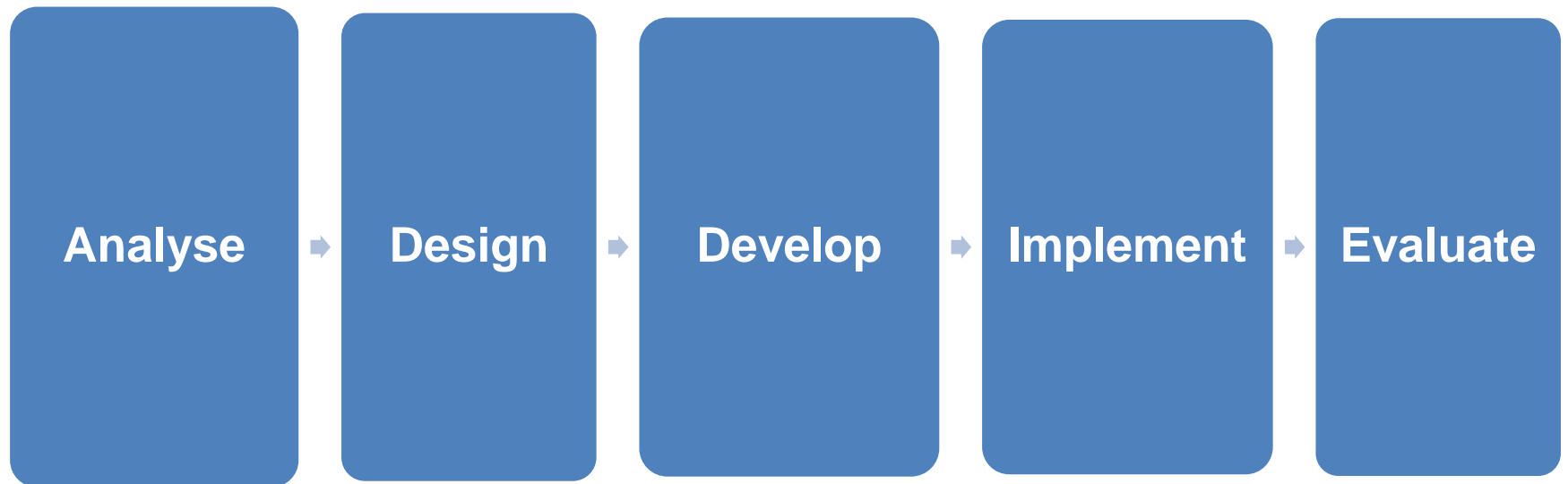


'How To' Online Tutorials



- May 2010 - aimed at undergraduates / postgraduates
- Self-paced / interactive / 24x7
- Research, critical thinking, academic integrity, referencing, academic skills
- Sustainable / reusable under Creative Commons

Project Plan - ADDIE Model



Planning

- Rationale
- Secured HE funding
- Reviewed existing online tutorials
- ITT resources created from scratch
- Support from IT / learning technologists / Leeds University



Instructional Design

- Biggs' Model of Constructive Alignment (1999)
 - generic learning outcomes
 - learning activities
 - assessment methods
- Active learning / range of learning styles



Gagné's 9 Steps



Content Design

- Detailed storyboarding
- Language / consistent font / bullet points
- Branding / logo
- Accessible



Development Tools



- Created with Articulate Studio 09
- Engaging content / quizzes
- Non technical / easy to use functionality

Training

- Pedagogical training
 - learning styles / methodologies / assessment
 - online instructional design
- ICT training
 - eLearning software
 - Image editing – Photoshop
 - Web editing – HTML, Dreamweaver, CSS

Testing & Accessibility

- September 2010 - extensive usability testing / feedback / piloting
- SCORM (sharable content object reference model) 1.2 compliant
- W3C AAA (Web Content Accessibility) Guidelines 1.0
- Creative Commons Attribution-Non-commercial-Share Alike 4.0 International licence
- Available via multiple delivery platforms (website, VLE, institutional repository)

Implementation

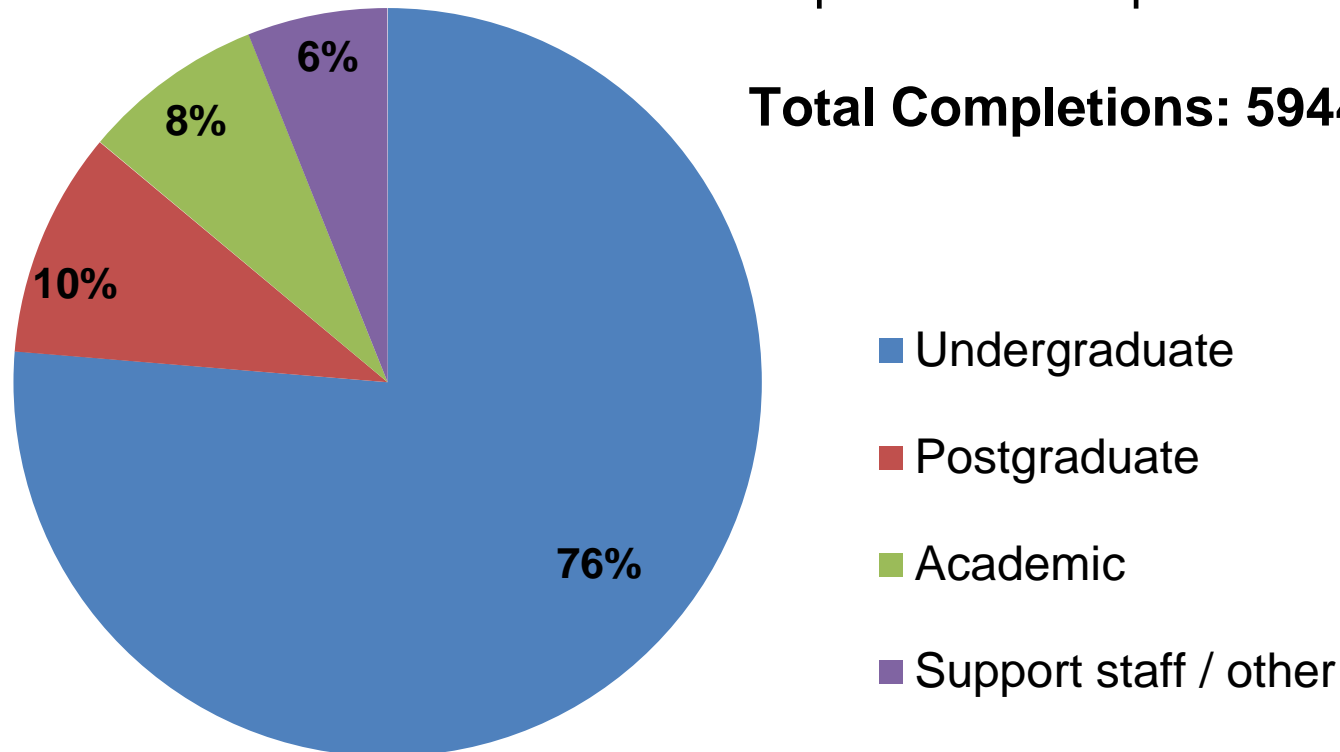


- Tutorials embedded into academic modules via Institute VLE – Moodle
- Enhanced IL delivery
 - Blended approach
 - Learning to Learn module
 - September 2014 – tutorials integrated into over 50 academic modules

Tutorial Usage

Sept. 2010 – Sept. 2014

Total Completions: 5944



Evaluation Methods

- SurveyGizmo
- VLE/Google Analytics
- Focus Groups
- Online Repositories



Feedback



Students

- Improved IL competencies
- Independent learning
- Transition into higher education

Staff

- Enhanced course content
- Accessibility of resources
- Advocates for sharing

Students' Comments

“Great tutorial - very good explanation of plagiarism and how to avoid it. Thought the quiz was very useful - meant I could check that I understood the material in the tutorial.”

“As a new student this online resource has made my introduction to college a lot easier, and helped me with my studies. I feel that I am more likely to succeed now at all levels of my course”

“An excellent learning resource – but please add some audio for students with reading difficulties, video content would also be of help.”

Share and Reuse



- Institutional repositories / national learning object repositories
- Conferences, seminars, workshops, professional networks
- Publications

OER Repositories

Information Literacy Resources - to be sure!

Posted by Louise Egan on 17th March 2014



JORUM

To coincide with March being the month of **St. Patrick** and all things Irish, Jorum is delighted to present 5 **Featured Resources**. These Information Literacy resources have been created at the **Institute of Technology Tallaght** in Dublin (ITT Dublin). Including online tutorials created by the ITT Dublin covering **research, referencing, plagiarism** and **core academic skills**. The **fifth** is another Irish University, University College Dublin (UCD), has re-purposed one of ITT Dublin's originals. Author **Jenny Collery** of ITT's Plagiarism resource to create a new OER for plagiarism:


I selected the IT Tallaght Plagiarism Tutorial as it was simple and comprehensive. UCD

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September 2013 Site of the Month



September 2013 Site of the Month
"How To" Online Information Literacy Tutorials
<http://millennium.it-tallaght.ie/screens/tut.html>
Author: Philip Russell, Deputy Librarian
Interviewee: Philip Russell
Institution: Institute of Technology Tallaght (ITT Dublin), South Dublin,

Online Literature Review Tutorial

NDLR

Information literacy, academic teaching and learning support

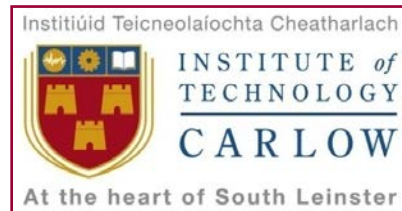
Institute of Technology Tallaght
www.ittdublin.ie



Participant(s) Philip Russell

Description The aim of this project is to introduce all students to the literature review concept and provide them with an understanding of how to write up the literature review through the design and development of an online learning tool.

Sharing With the Wider Community



▼ AVOIDING PLAGIARISM

Introduction

Learning Objectives

Key Concepts

Plagiarism Explained

Real Life Plagiarism

Benefits of Avoiding Plagiarism

Intentional or Unintentional

Types of Plagiarism

Tips to Avoid Plagiarism

Plagiarism Detection

Summary

Want to learn more?

Feedback



Leabharlann UCD
UCD Library



This tutorial was adapted from the IT Tallaght, "How to avoid plagiarism" tutorial. Available at <http://millennium.it-tallaght.ie/screens/tut.html>



NEXT

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(UCD)

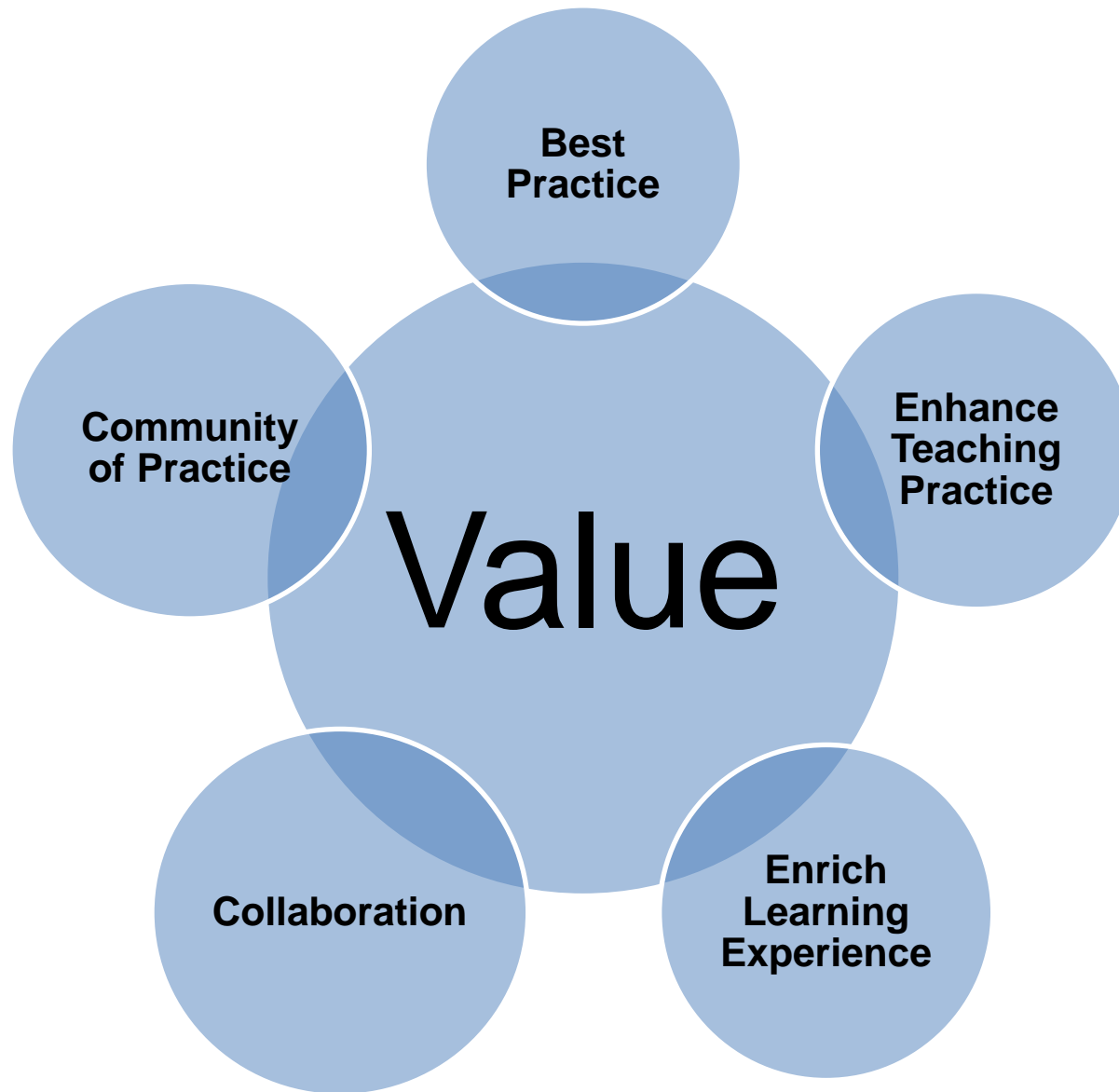
Plagiarism

Avoid it at all costs!

Factors to Consider for Reuse

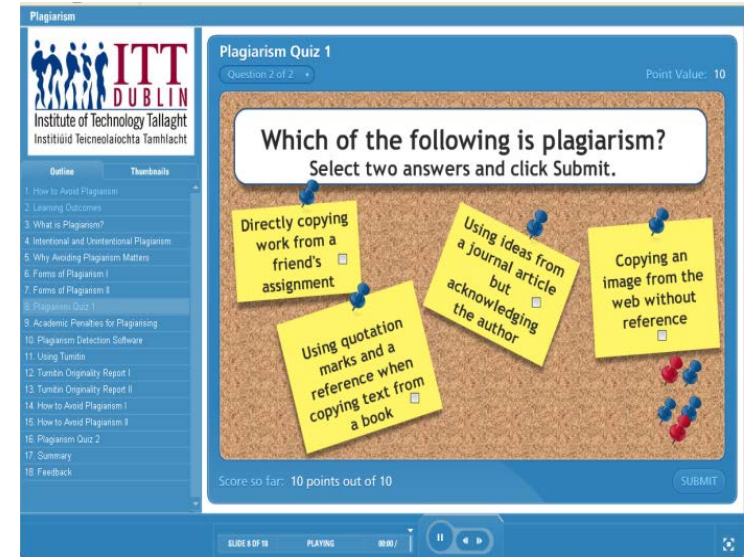
- Generic resources
- Interoperable software / SCORM
- Explicit licencing details
- Accessible & discoverable
- Promote / lead by example



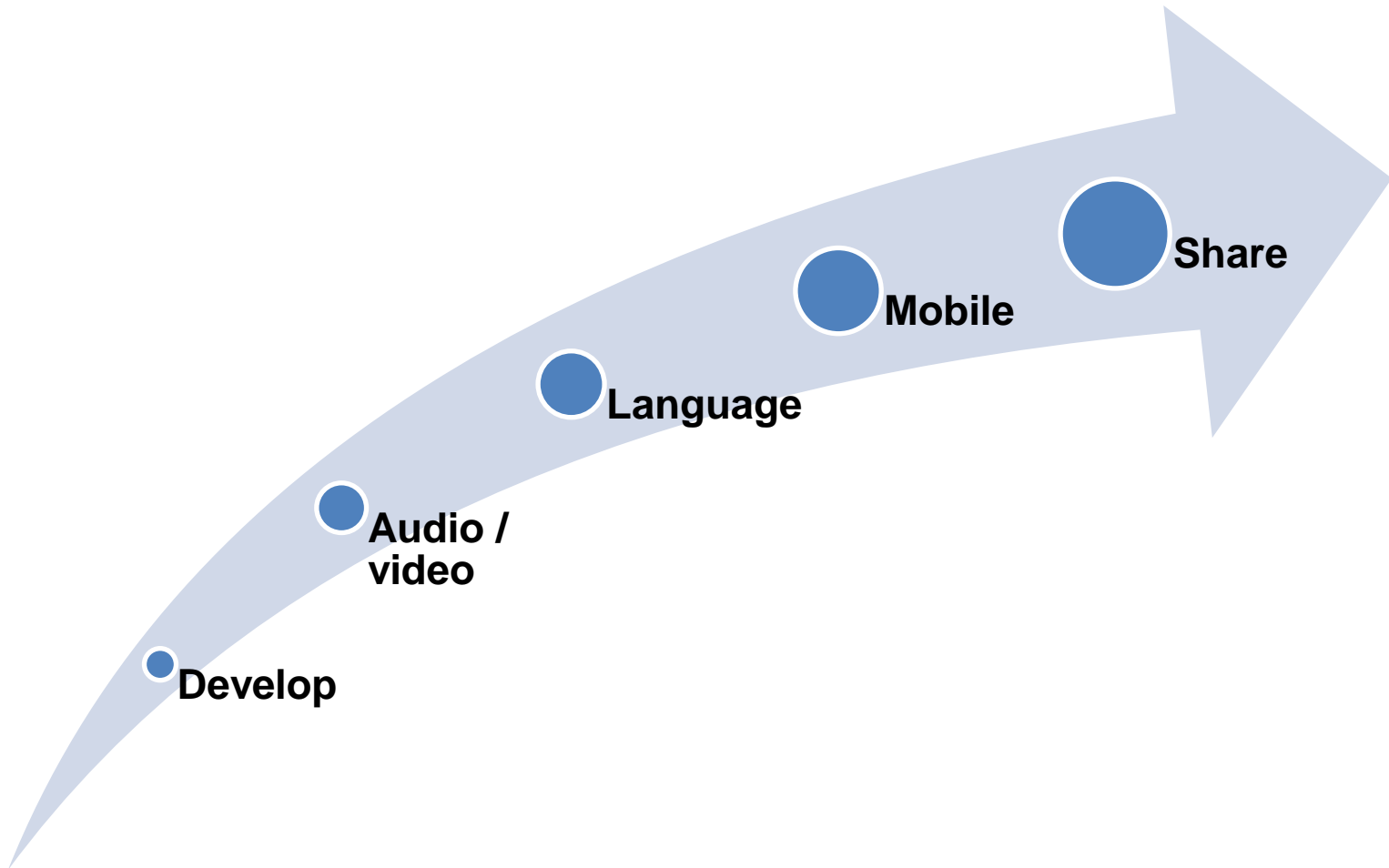


Lessons Learned

- Staffing / time / funding
- Storyboarding / training
- Extensive testing
- Use feedback to improve



Future Directions



Thank You

ITT Dublin library RLOs at:

<http://library.ittdublin.ie/screens/tut.html>

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References

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Blummer, B.A. and Kritskaya, O. (2009) Best practices for creating an online tutorial: a literature review. Journal of Web Librarianship, 3(3), pp.199-216.

Collery, J. (2014) Nuts and Bolts of Developing an Online Plagiarism Tutorial. LIR Annual Seminar, Trinity College Dublin, 21st March 2014.

Graham, N. & Secker, J. (2012) Librarians, information literacy and open educational resources: report of a survey. Available at: http://delilaopen.files.wordpress.com/2012/04/findingsharingoers_reportfinal1.pdf [Retrieved 4th September 2014].

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Russell P. et al (2013). Creating, sharing and reusing learning objects to enhance information literacy. Journal of Information Literacy, December 2013, Volume 7, Issue 2. Available at <http://dx.doi.org/10.11645/7.2.1744> [Retrieved 4th September 2014].

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