

# POZNAŃ SUPERCOMPUTING AND NETWORKING CENTER



## Accelerating Digitisation of Regional Cultural Heritage through Open Educational Content in the frame of ACCESS IT Plus Project

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Education and Culture DG

Culture Programme



# Agenda

- Introduction
- Basic assumptions behind courses
- Overview of courses
- DigitLab
- Summary

# ACCESS IT plus

„The aim of the Access IT plus (<http://accessitplus.eu>) project is to help small memory institutions to develop their digital libraries and connect them to Europeana”

- Develop e-learning courses and help to create pilot digital libraries in target countries
- Project partners from Croatia, Bosnia and Herzegovina, Albania, Serbia, Greece and UK

# ACCESS IT courses

- Reference ACCESS IT (<http://dl.psnc.pl/moodle>) e-Learning courses
  - “Digital repositories for small memory institutions”
  - “Cooperation with Europeana”
- Created mainly for people who work in small memory institutions
- Originally developed in English
- Based on Moodle platform

# ACCESS IT courses (2)

- First release of the courses in October 2010, second in the beginning of July 2012.
- Result of our work with institutions from B+H, Croatia, Greece, Poland, Serbia, Turkey and UK

# ACCESS IT courses (3)

- Original (English version) available to anyone, free of any charge
  - under the terms of Creative Commons BY-SA-NC License (Attribution, Share alike, Non-commercial)

# Course translation and adoption

- There are separate copies of the courses in Serbia, Greece, Poland and in Turkey
  - Adoption of courses content to local conditions
  - Gathering local community in one place
- Courses were translated into Serbian, Croatian, Greek (partially), Turkish and Polish
  - Around 1 200 graduates in Europe!



# Basic assumptions



"Getting information off the internet is like  
taking a drink from a fire hydrant!"

Mitchell Kapor



# Basic assumptions

- Course should be:
  - Practical – only necessary theory illustrated with practical examples
  - Non-technical - it is for librarians, not for programmers
- Simple recipes for complex problems?
  - Not always possible
- Use of free (Open Source if possible) tools

# Digital Repositories for small memory institutions



- It consists of 9 topics divided in 28 modules
- By the end of each topic there is a quiz
- Course participants should have basic knowledge about computers and Internet
- During the course you will learn how to:
  - Organise digitisation workflow
  - Digitise various cultural heritage objects

# Digital Repositories for small memory institutions



- During the course you will learn how to:
  - Describe objects in order to make them more accessible
  - Prepare digital content for web delivery
  - Promote your objects in the Internet
  - Assure objects availability in long term
  - Evaluate usability and accessibility of digital library website
  - Cooperate with other portals i.e. Europeana

# Digital Repositories for small memory institutions



- In the course there are **practical instructions** showing ways to:
  - Prepare high-quality versions of large images for both archiving and online delivery
  - Create searchable documents in various popular formats from images for web delivery of textual content
  - Work with audio and video materials for online presentation by using dedicated tools
  - Publish digital objects by one of the available digital library framework

# Digital Repositories for small memory institutions



- Things which are not in the course:
  - How to install and configure digital library software
- Too many technical problems potentially involved – too technical issue.
- In case of problems use course Forum, ask other participants or email us.

# Cooperation with Europeana

- It is much shorter it consist of 2 topics divided into 14 modules
  - First module groups non-technical things related to Europeana
  - More technical fragments described in second topic
- By the end of each topic there is a quiz
- Course is dedicated to both repository managers and people just want to know Europeana-related things
- For second part some technical and information management skills are necessary



# Cooperation with Europeana

- During the course you will learn:
  - Why and how Europeana was built
  - Is it worth to cooperate with Europeana
  - What benefits Europeana offers to end-users
  - What is metadata aggregation and why it is so important
  - Basics of Europeana Semantic Elements (ESE) and Europeana Data Model (EDM)

# Cooperation with Europeana

- During the course you will learn:
  - How to normalize and convert your metadata to Europeana Semantic Elements?
  - How to pass your resources to Europeana?
- Course features also a few additional modules which gives more insight into:
  - Some more advanced issues related to metadata aggregation
  - Political background of Europeana

# Cooperation with Europeana

- Things which are not in the course:
  - Setting up a metadata aggregator
- In case of problems with this kind of things take a look at list of aggregation software presented in **“What should I do when there is no aggregator near me?”**
- As far as we know this is quite unique initiative – no similar courses available.

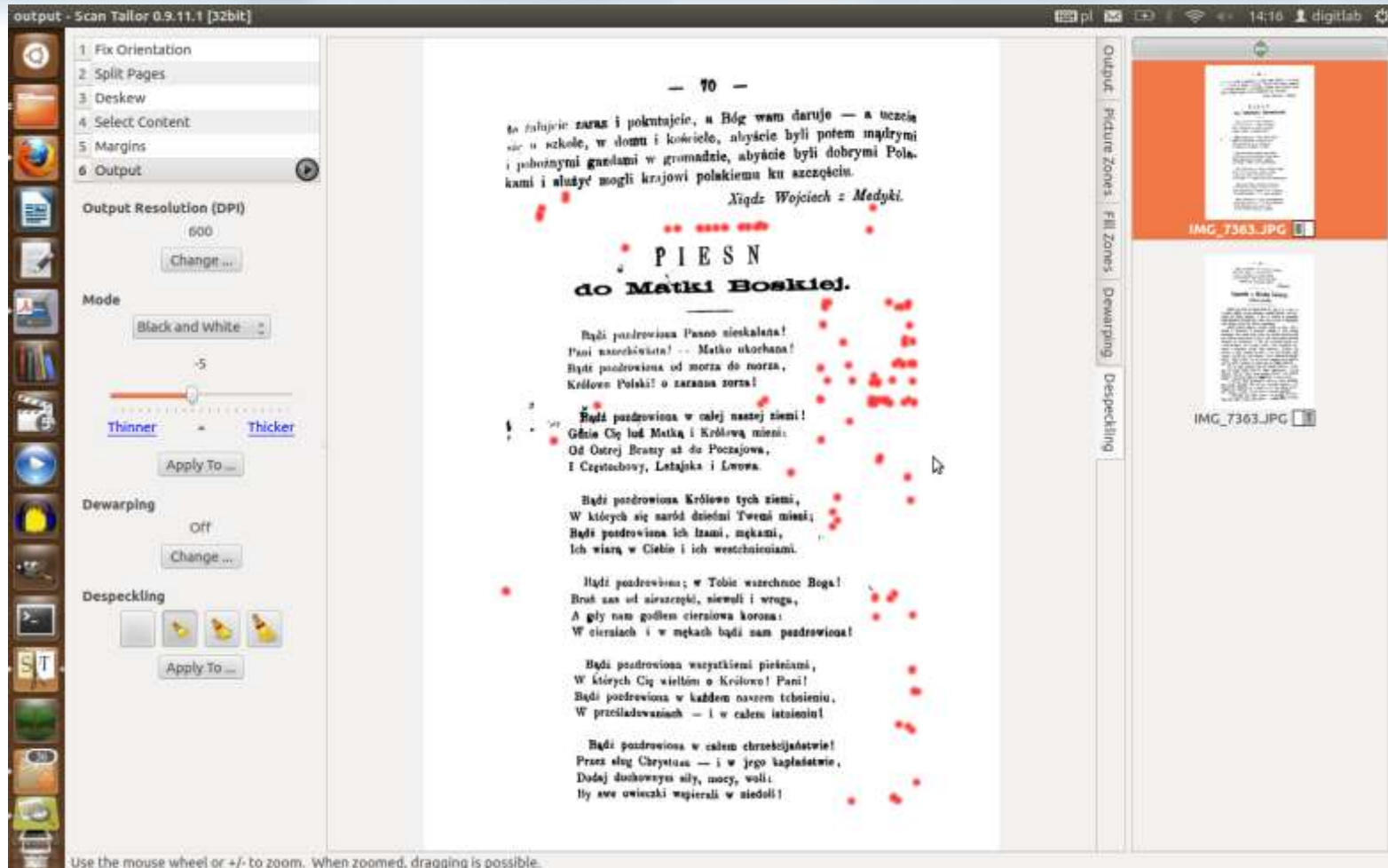
# Additional resources

- Slides from ACCESS IT workshops
  - <http://lib.psnc.pl/publication/286> (2010)
  - <http://lib.psnc.pl/publication/409> (2012)
- Access IT mailing list
  - <http://groups.google.com/group/access-it>
  - In case of any technical questions or feedback regarding course content

- All tools necessary to implement digitisation workflow on a pendrive
  - <http://digitlab.psnc.pl>
- Dedicated Linux distribution, based on Ubuntu 12.04 (32bit)
- You just need a computer which will be able to boot from a pendrive
- Some exemplary documents included
- It is possible to install DigitLab as a normal system

- DigitLab offers access to quite a few well-known and widely used FLOSS tools
  - Scan Tailor, GIMP, magicktailor, DjVuLibre, gScan2PDF, ImageMagick, Tesseract (with support for Serbian and Croatian language)
- Three (DSpace, dLibra and Greenstone) digital libraries framework installed just click and play with them
- Metadata aggregation tool called MINT





# Summary

- Hope that you have found this few minutes useful
- Our courses offers access to comprehensive, constantly updated source of knowledge about digitisation and digital libraries

# Questions?

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- [maneo@man.poznan.pl](mailto:maneo@man.poznan.pl)
- <http://dl.psnc.pl>
- <http://digitlab.psnc.pl>
- <http://accessitplus.eu>
- <http://www.man.poznan.pl>

Croatian courses versions released by Public Library in Rijeka

- <http://accessitplus.eu/eng/Training/Online-Training-Course-Croatia>
- <https://moodle.carnet.hr/course/category.php?id=347>

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Thank you!

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