



europaana
think culture

Europeana Labs

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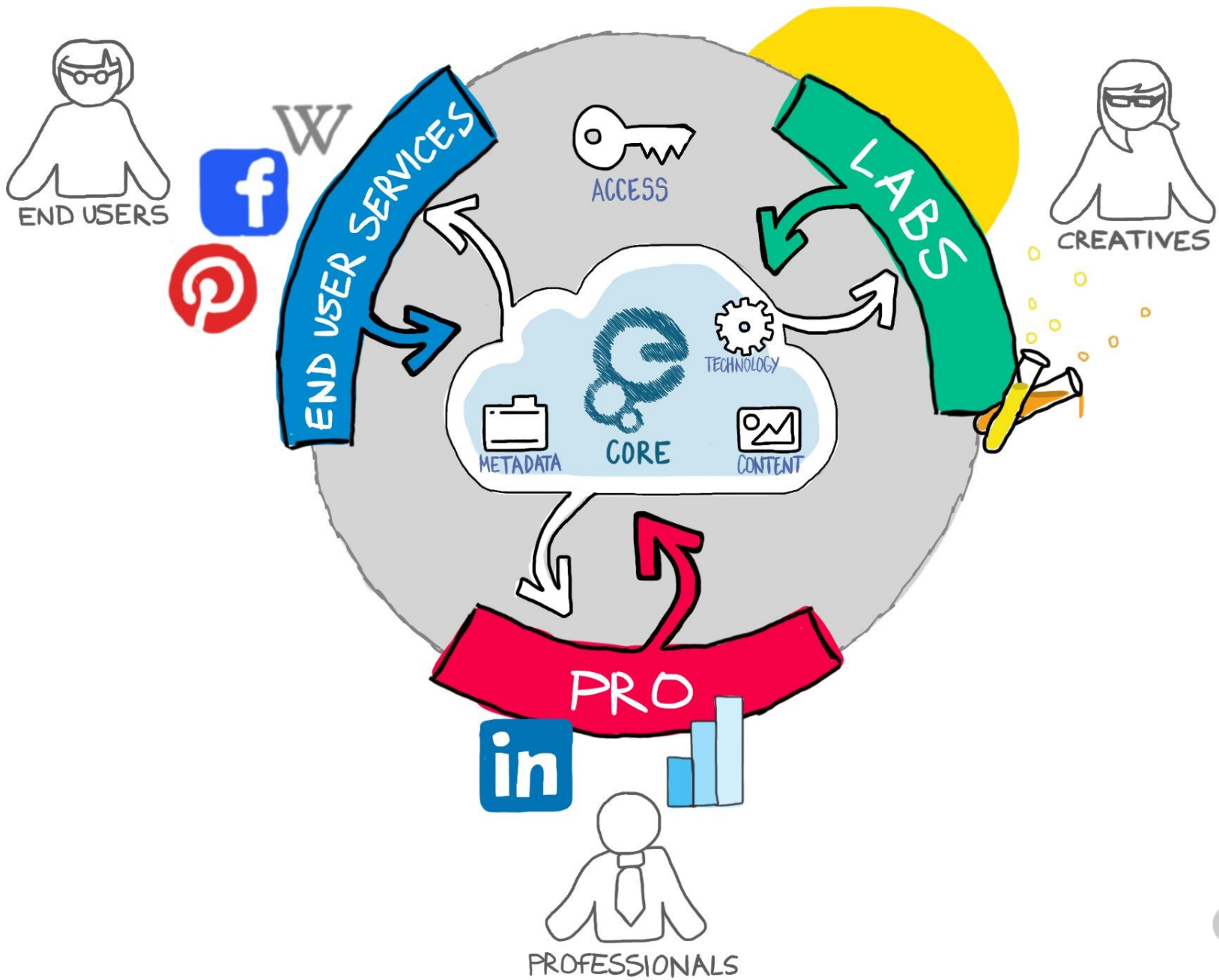
@jamesinealing

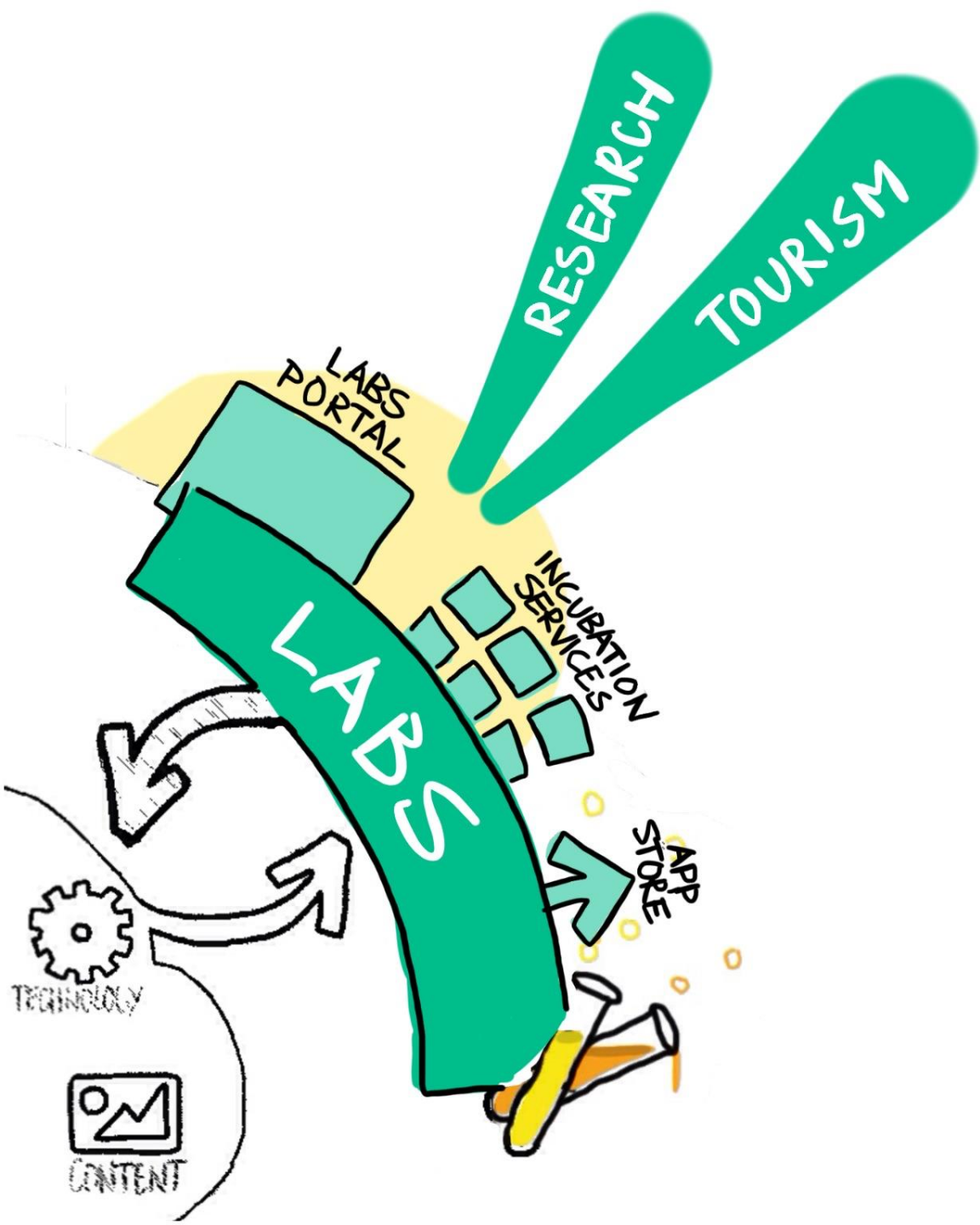


Introduction to Europeana Labs

- Introduce the Labs platform
- Share what we have learnt
- Outline our plans
- Explore opportunities for collaboration







What is Europeana Labs?



Introduction to Europeana Labs

- Deliverable within Europeana Creative project
- Website launched April 2014
- Now a core offer from Europeana to ensure a sustainable future
- Ongoing development based on lessons learned



Introduction to Europeana Labs

→ Virtual

- Europeana Labs website and the API

→ Physical

- Living Labs
- Incubation
- Hands-on support





Europeana Labs

A playground for remixing and using your cultural and scientific heritage.
A place for inspiration, innovation and sharing.

This is your code, this is your heritage, these are your labs.

GET STARTED



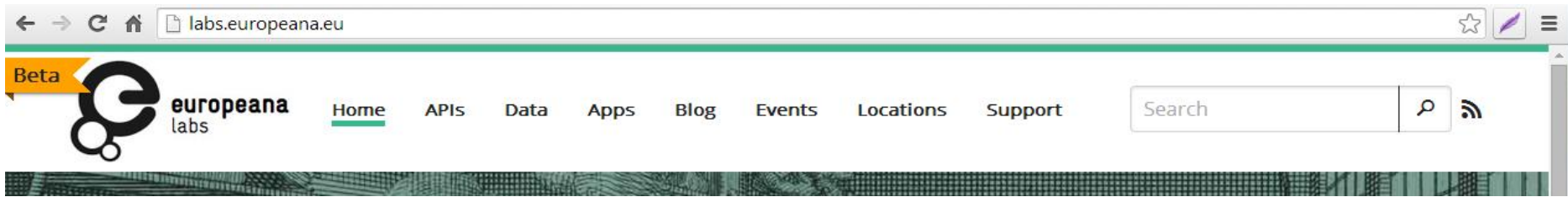
Get your API key.

Sign up for your free API key and start developing!

Email address:

Sign up





→ Inform & Explain

→ Inspire & Encourage

→ Promote, Engage & Help

→ The 'go to' place for anyone looking to re-use Europeana content



Beta

APIs

The Europeana APIs allow you to search and retrieve the contents of our database for use in your own applications.

- Introduction
- REST API
 - Introduction
 - Getting Started
 - Get an API-key
 - Console
 - Authentication
 - Search
 - Query Syntax
 - Record

Introduction

We currently offer two APIs for use. The first is a REST-API that is suited for dynamic search and retrieval of our data. This API offers exactly the same data as the Europeana Portal for end-users and in many ways the Portal can be viewed as an advanced API-implementation.

The second API is more experimental and supports download of complete datasets and advanced semantic search and retrieval of our data via the SPARQL query language. The Linked Open Data Downloads and SPARQL-endpoint currently includes only a sub-set of all Europeana data, about 20 million of the in-total nearly 31 millions records. We're working on changing that situation and ensure the Linked Open Data service is always up to date.

API	Usage
-----	-------



Beta

Data

Our database contains over 30 million metadata records linking to millions of openly licensed media objects - books, photos, art, artefacts, audio clips and more. We'll be featuring some of our very best content here.

Filter by:

ALL (68)

GEODATA (24)

HISTORY (11)

NATURAL HISTORY
(11)

TOURISM (9)

PHOTOGRAPHS (6)

+SHOW MORE

Logs



User contributed content from Poland, relating to the events of 1989 in Central and Eastern Europe.

More than 300 memorabilia and stories from Poland documenting the political and social changes in Central and Eastern Europe in the year 1989. Provided by Europeana 1989, which is a pan-European project concerning the changes related to what is commonly known as the fall of the Iron Curtain.

Dataset provided by Europeana 1989. Contact 1989@europeana.eu for

Europeana Labs: datasets

→ Featuring

- Pre-selected, high quality datasets
- Open licenses and links to original files

→ Direct links to search portal and API Console

→ Updated each month as data is added & enhanced





Manuscript illuminations from the Austrian National Library

Illustrations from codices on swordsmanship and natural history.

Dataset provided by [Austrian National Library](#). Contact onb@onb.ac.at for more details.



Daily life in the South of Sweden

Over 28,000 black-and-white pictures from the collection of Malmö Museer, showing working life, daily activities, interior design and architecture in early 20th-century South Sweden (Skåne).

Dataset provided by [Malmö Museer](#). Contact carlotta@malmose.se for more details.





3D models of Art Nouveau objects from the Isle of Man

3D models of everyday objects such as plates and candle holders. Provided through the Partage Plus project. Dataset provided by [Manx National Heritage](#). Contact enquiries@mnh.gov.im for more details.



Napoleon on artwork, drawings and documents from the Amsterdam Museum

A beautiful collection of about 70 items related to Napoleon Bonaparte (1769 – 1829).
Dataset provided by [Amsterdam Museum](https://www.amsterdammuseum.nl). Contact info@amsterdammuseum.nl for more details.





Newsreels from Sound and Vision on the Netherlands in the 20th century

More than 3,000 videos from the Open Images (Open Beelden) dataset of the Netherlands Institute for Sound and Vision. The collection contains newsreels from the Polygoon collection and several other films on the Netherlands in the twentieth century. It contains historical news events, with topics such as art, culture, transportation, health and healthcare, nature, politics, sports, pets and fashion.

Dataset provided by [Netherlands Institute for Sound and Vision](#). Contact hvbiessum@beeldengeluid.nl for more details.



→ Content
Re-use
Framework



Content Re-use Framework

- Clearing up confusion in definitions and terminology
- Encouraging providers to adopt best practise
- Using these to drive technical product developments



WHAT YOU WANT

WHAT YOU DELIVER

EUROPEANA AS...

FREE RE-USE PLATFORM



FREELY RE-USE



DISTRIBUTION PLATFORM



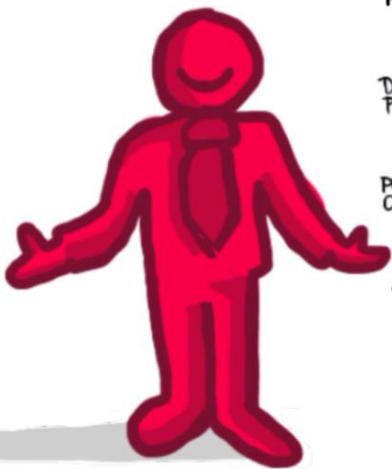
RE-USE



PUBLICATION CHANNEL



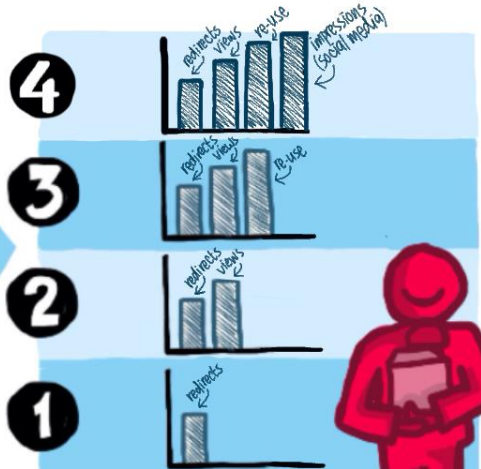
SEARCH ENGINE



WHAT WE DO

WHAT YOU GET

	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✗
	✓	✓	✓	✗	✗
	✓	✗	✗	✗	✗





1. Europeana as search engine



WHAT YOU WANT

EUROPEANA AS...

SEARCH ENGINE

1

YOU

USERS

WHAT YOU DELIVER



License



Metadata



Object



Any

Basic direct >400 pxl

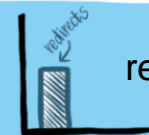


WHAT WE DO



WHAT YOU GET

1



re-directs





2. Europeana as a publication channel





europæana music

+ search our collections



our sites

EN



europæana music collections

about europæana

the music channel

brings together all music related cultural heritage from the europæana collections. Currently, the music channel features:

30.245 audio recordings
11.302 images & photographs
5.904 video recordings
1.683 scores
1.245 letters

recent additions

Scala museum, Milan **4.590 items** - july 2014
Dresden library, Dresden **95.018 items** - april 2014
Haitink personal archive, Amsterdam **1.293 items** - april 2014
[load more](#)

Erkönig

5
audio recordings

Mahler 5

12
video recordings

Beethoven's
handwriting

6
scores

Haitink in Berlin

8
letters

Papageno
costumes

42
images

baroque wedding
music

23
audio recordings

music exhibitions



Bach, Johann Sebastian X + add keyword



score & sheet music X

filter your results

results 1-24 of 2118

order by [relevance](#) ▼



▼ europeana channels

music (1895)

▶ object

▶ media type

▼ form

- audio recordings (2234)
- images & photographs (2147)
- score & sheet music (2118)
- video recordings (14)

▶ time period

▶ can i use it?

▶ country of origin

▶ provider

▶ description language

search all languages

results in [original language](#) ▼



Air from French Suite... (1722)

[Bach, Johann Sebastian](#)
score & sheet music



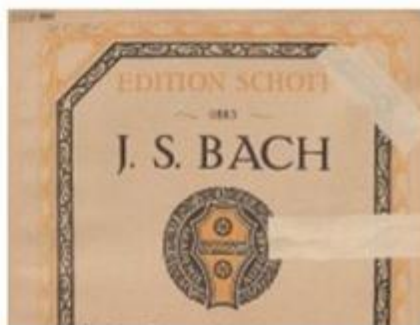
Tocatta and Fugue in... (1717)

[Bach, Johann Sebastian](#)
score & sheet music



Six Suites for Solo Cello (1717)

[Bach, Johann Sebastian](#)
score & sheet music





< previous result

return to search results

next result >



1 of 22 >

this document is free of rights

download PDF ↓

Toccatà and Fugue in D minor

Messen BWV 538
1717

description

The Toccata and Fugue in D minor, BWV 538, is an organ piece by Johann Sebastian Bach. Like the better-known BWV 565, BWV 538 also bears the title Toccata and Fugue in D Minor, although it is often

National Library of France France

sheet music
piano score

WHAT YOU WANT

EUROPEANA AS...

PUBLICATION CHANNEL

2

YOU



USERS

WHAT YOU DELIVER



License



MData



Link



Object



Any



+ Direct



>800 px



WHAT WE DO



WHAT YOU GET

- re-directs
- Visits

2





3. Europeana as a distribution platform







EUROPEANA BEACON

WINNER OF APPS4EUROPE AWARD 2014

Historiana

your portal to the past



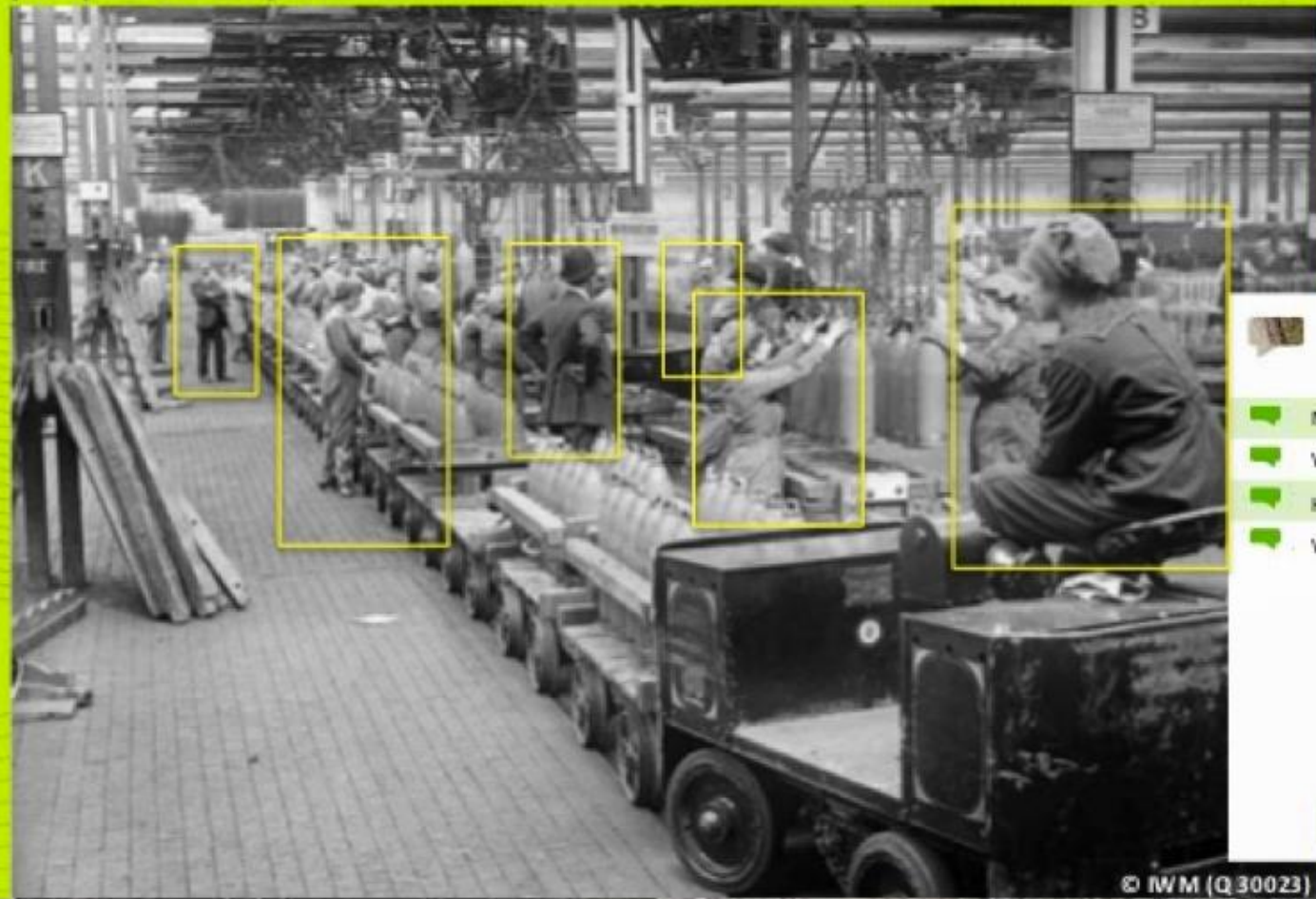
Analyse



Assignment

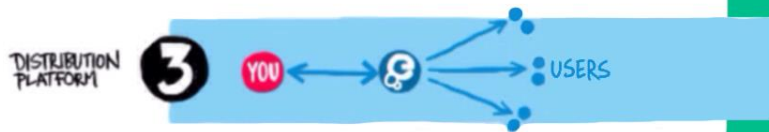
- Men Standing
- Wearing Uniforms
- Heavy work
- Woman driver

Save App



WHAT YOU WANT

EUROPEANA AS...



WHAT YOU DELIVER



License MD Data Object



++ Direct >1200 px

All CC +

WHAT WE DO



✓ ✓ ✓ ✓ ✓ ✗

WHAT YOU GET

3



- re-directs
- Visits
- impressions





3b. Europeana as free re-use platform



#OpenCollections

written by Anna on January 8, 2015 in [Content](#) with [no comments](#)

[← older posts](#)

[newer posts →](#)

Last year we [introduced](#) you to #OpenCollections, this year we'll continue highlighting some of the most interesting and high quality collections from around Europe. Below we listed some items of the beautiful and open collections we featured last year. For new updates, keep an eye on our [Facebook](#), [Twitter](#), [Google Plus](#) or [Pinterest](#)!





WIKIMEDIA
COMMONS

File Discussion

File:Postcard for the assassination of Archduke Franz Ferdinand

From Wikimedia Commons, the free media repository

File File history File usage on Commons



Main page

Welcome

Community portal

Village pump

Help center

Language select

English

Select

Participate

Upload file

Recent changes

Latest files

Random file

Contact us

Tools

What links here

Related changes

Special pages

Printable version

Permanent link

Page information

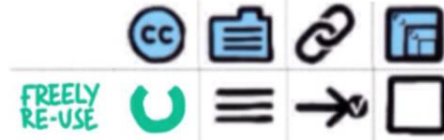
Nominate for deletion

WHAT YOU WANT

EUROPEANA AS...



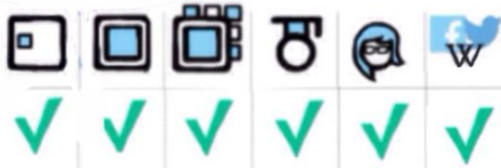
WHAT YOU DELIVER



++ Direct >2000 px

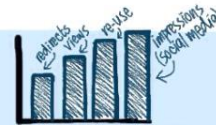
CC0/PD/CC-BY/CC-BY-SA

WHAT WE DO



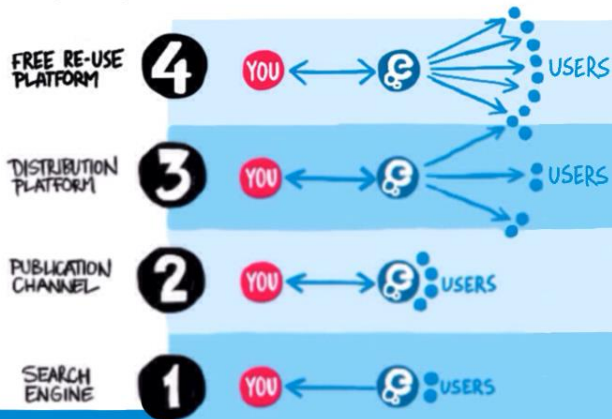
WHAT YOU GET

4



WHAT YOU WANT

EUROPEANA AS...



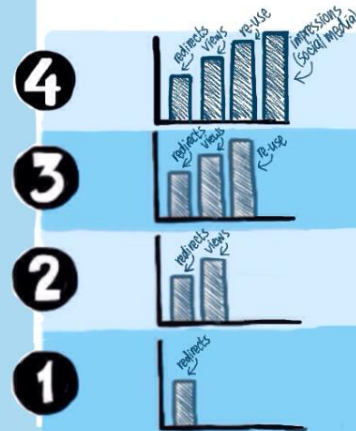
WHAT YOU DELIVER

FREELY RE-USE				
RE-USE				

WHAT WE DO

✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✗
✓	✓	✓	✗	✗	✗
✓	✗	✗	✗	✗	✗

WHAT YOU GET



Beta

Apps

Discover and be inspired by the wide range of applications using the Europeana APIs and our Open Data. Is your app missing here? If so get in touch.

Filter by:

ALL (152)

OPEN SOURCE TOOLS (53)

HACKATHON PROTOTYPE (39)

API IMPLEMENTATION (36)

R&D RESULTS (28)

SEARCH (17)

+SHOW MORE



Serendip-o-matic

As their page states: "Serendip-o-matic connects your sources to digital materials located in libraries, museums, and archives around the world. By first examining your research interests, and then identifying related content in locations such as the Digital Public Library of America (DPLA), Europeana, and Flickr Commons, our serendipity engine helps you discover photographs, documents, maps and other primary sources.

📍 | API IMPLEMENTATION | DISCOVERY

Europeana Labs: apps showcase

- Highlighting and promoting all the great things people have created
- Providing Inspiration
- Sharing Tools & Code
- Building Collaboration



Typical users

→ Experimenting

→ Hackathons

→ Pilots & challenges

→ Production apps

→ Distribution
partnerships

→ Education

→ Tourism

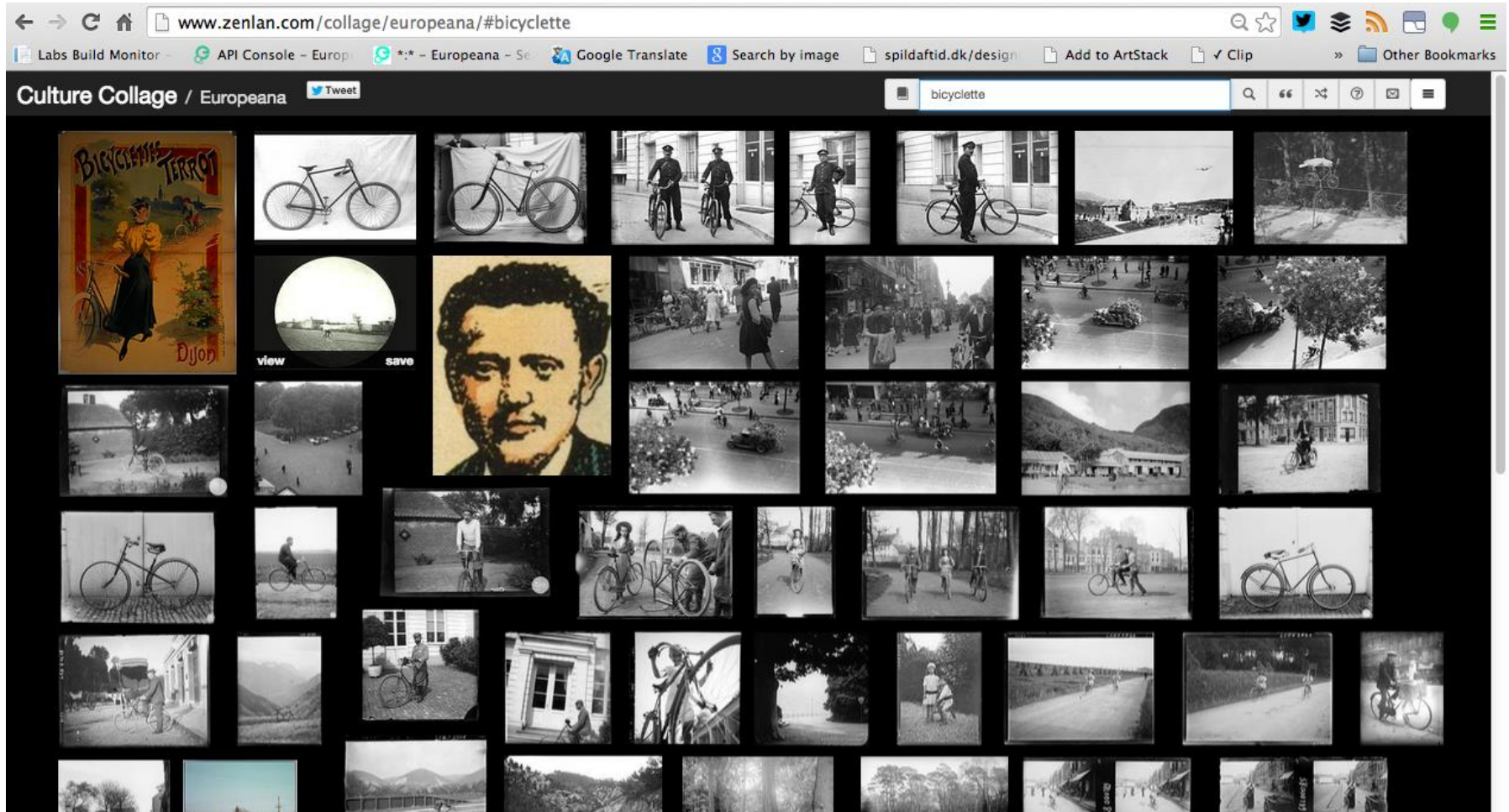
→ Research

→ Creatives/makers



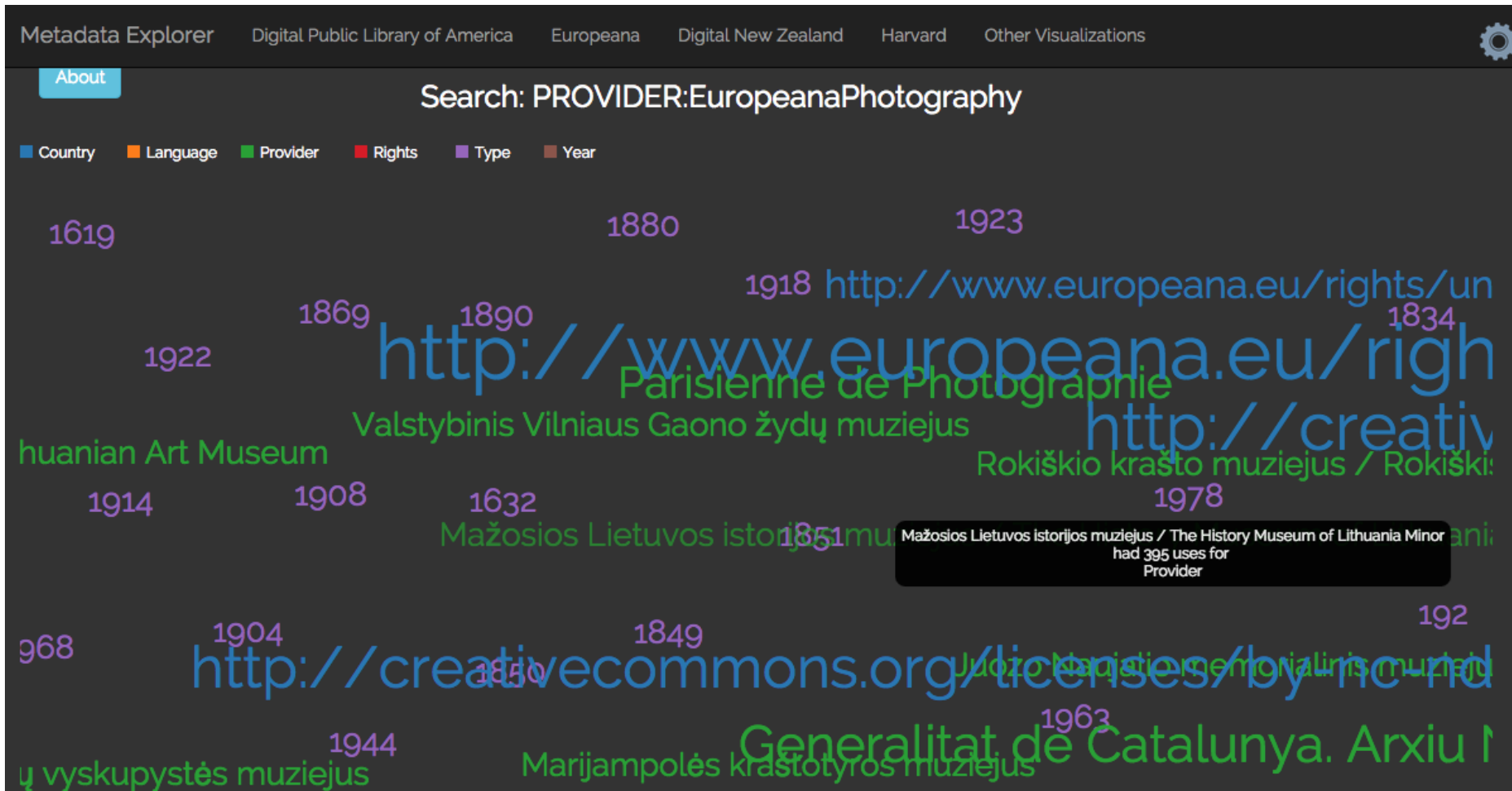
App examples – discovery

→ Culture Collage – zenlan.com/collage



App examples – visualisation & research

→ Metadata explorer



App examples – inspiration

→ Culture Cam – culturecam.eu



App examples - geo

The screenshot displays the 'ajapaik' application interface. At the top left, the logo 'ajapaik' is visible. Below it, a 'Choose area:' dropdown menu is set to 'Paris'. To the right of the dropdown is an information icon and a green button labeled 'Geotagging game'. Further right, a 'LEADERBOARD' section shows '34. Your points' and a score of '323'. A search bar is located in the top right corner. The main area is a map of Paris with several geotagging points marked with a black 'a' in a square. A blue path is overlaid on the map, starting from the Louvre Museum and winding through the city. On the left side, there are four small image thumbnails: the top one shows the dome of the Pantheon, the second shows a classical building facade, the third shows a view of the Seine river with bridges, and the bottom one shows a building facade. A small blue 'i' icon is visible in the bottom right corner of the third thumbnail.



App examples – collections online



Explore Europe's museums and galleries

Thousands of museums and galleries from all over Europe in one place. With up-to-date visitor information, event calendar and collection highlights.

Country City Art



App examples – sharing



Main page
Welcome
Community portal
Village pump
Help center

Participate
Upload file
Recent changes
Latest files
Random file
Contact us

Tools
What links here
Related changes
Special pages
Printable version
Permanent link
Page information
Subpages
Nominate for deletion

In Wikipedia

English Whatsthatpicture Talk Preferences Beta Watchlist Contributions Uploads Log out

Project page

Discussion

View

Edit

History



More

Search



Deadlines for Wikimania Applications for Scholarships and Call for Submissions are approaching!
See the main page for more information.

[Help with translations!]

Commons:GLAMwiki Toolset



From Wikimedia Commons, the free media repository

Shortcut: GWT

Translate this page

Other languages: [català](#) • [English](#) • [français](#) • [日本語](#) • [中文](#)

Welcome to the **GLAMwiki Toolset**. *Sharing just got a whole lot easier!*



The GLAMwiki toolset enables galleries, libraries, archives and museums (GLAMs) to easily make their digital content accessible to Wikipedia users and all of the world. The tool allows GLAMs to automatically upload large batches of digital versions of their content to [Wikimedia Commons](#), the online media repository of the Wikimedia movement.



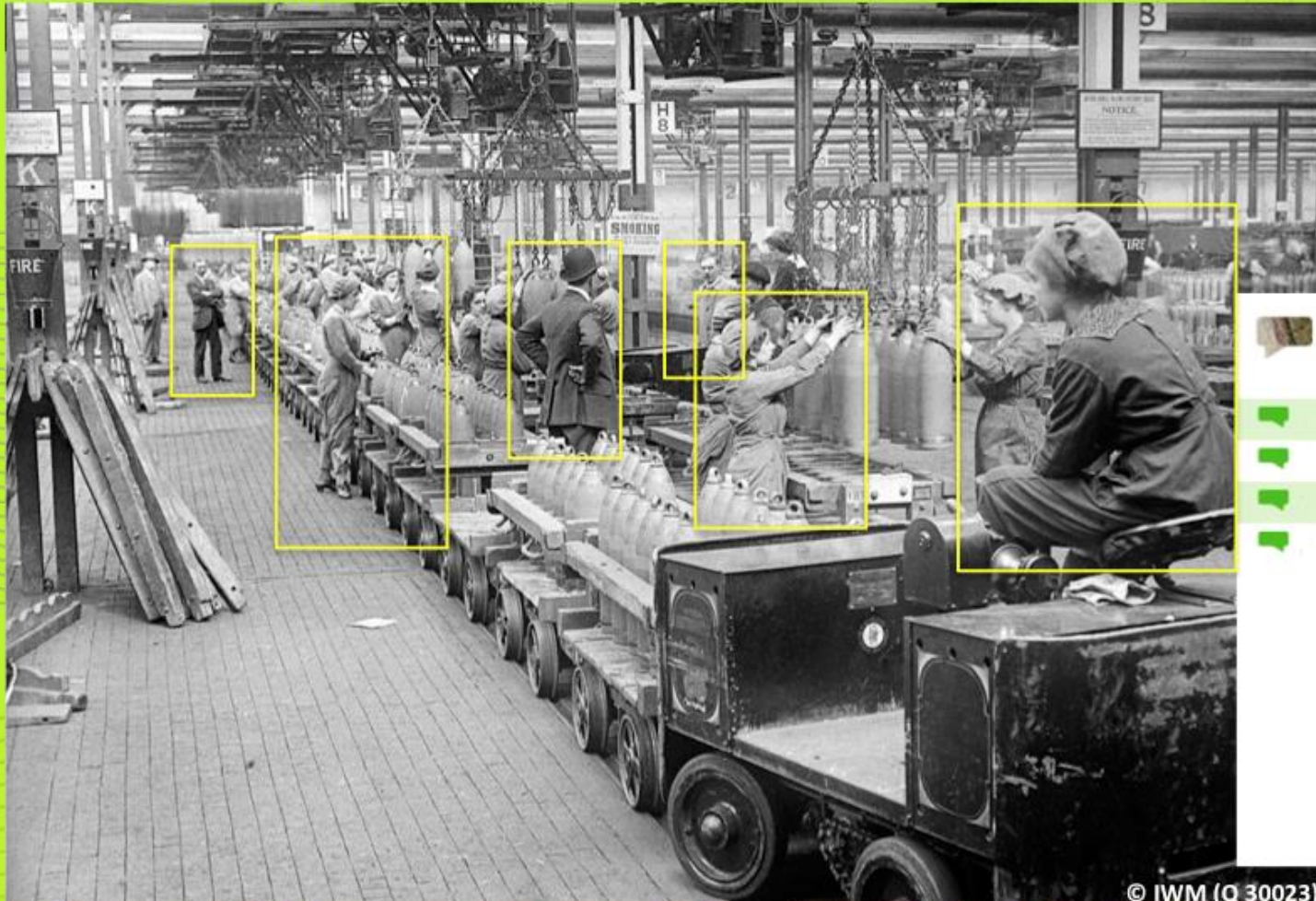
Previously, it was difficult for GLAMs to upload their collections on Wikimedia Commons without direct help from an experienced Wikimedia collaborator. Now, with the GLAMwiki Toolset developed by [Europeana](#), GLAMs can directly upload curated batches of their content using the toolset. Anyone with basic knowledge of dealing with metadata can do the job. No additional technical knowledge is required.

Read the announcements on the [Europeana blog](#) and the [Wikipedia Signpost](#)



App examples - education

Historiana
your portal to the past



Analyse



Assignment



- Men Standing
- Wearing Uniforms
- Heavy work
- Woman driver

✓ Save App

Models for content re-use

- Carte blanche
- Filtered
- Curated
- Offline /downloads
- Hybrid
- Distribution partnerships



Europeana API users

→ Who are our users?

→ What are they doing?

→ ***How can we help them?***



Looking forward - challenges

- Building a vibrant community who build innovative products
- Defining & delivering incubation support
- Measuring use and value
- Proving value to providers



Beta

Blog

We'll be blogging about new and changed features in our APIs, new applications and great re-usable collections of data. Want to guest blog? Get in touch.

Filter by:

ALL (6)

RE-USE (2)

TRANSLATION (1)

INTRODUCTION
(1)

CONTENT (1)

TECHNOLOGY (1)

+SHOW MORE

Suggest an article

Help improve this



New translation method in the Europeana API

We have recently released a new translation method in the Europeana API.

📍 | [API](#) | [FEATURES](#) | [TRANSLATION](#)



Europeana Labs update; take a Creative Challenge

Beta

Events

Have a look at all the hackdays, hackathons, conferences and other events we're involved in or organising. You can meet up with us there!

Filter by:

CHALLENGE (1)

ALL (1)

Events Archive

Suggest an Event

Help improve this page



Hacking Culture Bootcamp

Amsterdam, Netherlands

08/05/2015 — 10/05/2015 16:00

Waag Society and Europeana Space are challenging game developers, storytellers, interactive designers, and app developers to create new multi-screen experiences with a focus on digitised historic footage. The best concept will progress to an intensive business modeling workshop in London, hosted by the British cultural entrepreneurs behind Remix.

CHALLENGE



Incubation

Europeana helps you develop your ideas and prototypes into sustainable products by providing access to business development expertise, relevant professional networks and (indirectly) finance.

We currently offer these support services within projects like [Europeana Creative](#) and in specific individual cases.

Access to expertise

Europeana and its partners deliver the following services:

Business

- Consultancy services on strategic analysis and development, market research and scoping, business modelling, financial analysis and planning, business plan development, sales and growth strategy
- Business model workshops – we support you with the development of your business model with a well-established workshop method and program.

Beta

Support

Whatever your needs, we offer a wide range of practical support to people working with Europeana content and the Europeana API.

Introduction

Locations

Contact

Locations

These physical Labs across Europe offer real world places where you can go to play, develop, test and build apps and products.

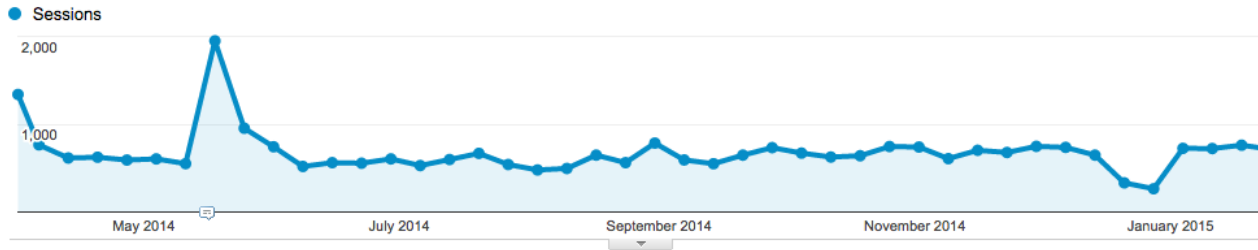
[View the Labs locations](#)

Contact

Whether you have a technical question about the API that isn't answered by the documentation, or maybe have an idea but you're not quite sure how to build it into a viable product, we're always happy to do what we can to support good projects.

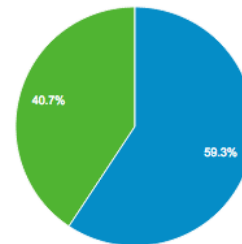
We're also keen to hear what you think and what suggestions you may have to improve the Labs site and of course our API.

Outreach



Sessions 29,874	Users 18,248	Pageviews 113,664
Pages / Session 3.80	Avg. Session Duration 00:03:16	Bounce Rate 45.23%

■ New Visitor ■ Returning Visitor



Country	Sessions	% Sessions
1. Netherlands	319	10.70%
2. Italy	289	9.69%
3. United States	277	9.29%
4. United Kingdom	256	8.58%
5. Spain	147	4.93%
6. Germany	146	4.90%
7. France	145	4.86%
8. Greece	145	4.86%
9. India	90	3.02%
10. Belgium	86	2.88%

Outreach

- Labs newsletter to ca 2,000 subscribers
- Follow-up process for new sign-ups
- Regular dialogue with developer community
- Extensive network with providers, projects etc



Looking forward - opportunities

- Some great collaborations in the pipeline
- Always learning and responding to needs
- Delivery of new technology
- Each month and each project brings new content
- ...





europa
think culture

Thank you

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@jamesinealing

