Digital Research and Creative Collaborations at the British Library

Stella Wisdom, Digital Curator

🥏 @miss_wisdom

Blog: http://britishlibrary.typepad.co.uk/digital-scholarship/



The British Library is the national library of the UK We receive a copy of every publication produced in the UK and Ireland

In our collections you can find:

- 13.5 million printed books and e-books
- 310,000 manuscript volumes: from Jane Austen to James Joyce; Handel to the Beatles
- 60 million patents
- 60 million newspapers
- Over 4 million maps
- Over 260,000 journal titles, many of them digital
- 7 million sound recordings from 19th-century wax cylinders to CDs and radio broadcasts
- 8 million stamps
- over 500 terabytes of preserved data in our UK Web Archive which, since 2013, has aimed to collect every UK website.

http://www.bl.uk/aboutus/quickinfo/facts/



Over **170 Million items** are stored in London and in Yorkshire

Together, they occupy over **746km of shelving** – equivalent to the distance from London to Aberdeen, and this is growing an extra 8km every year.

L ARY

m

Our digital collections amount to over 1 petabyte – equivalent to almost 3.5 years of non-stop HD-quality video footage.

If you saw **5 items a day** it would take you **80,000 years** to see the whole collection

http://www.bl.uk/aboutus/quickinfo/facts/

BROADCAST NEWS

Home Advanced Search About Help

Television and radio news programmes

Headlines

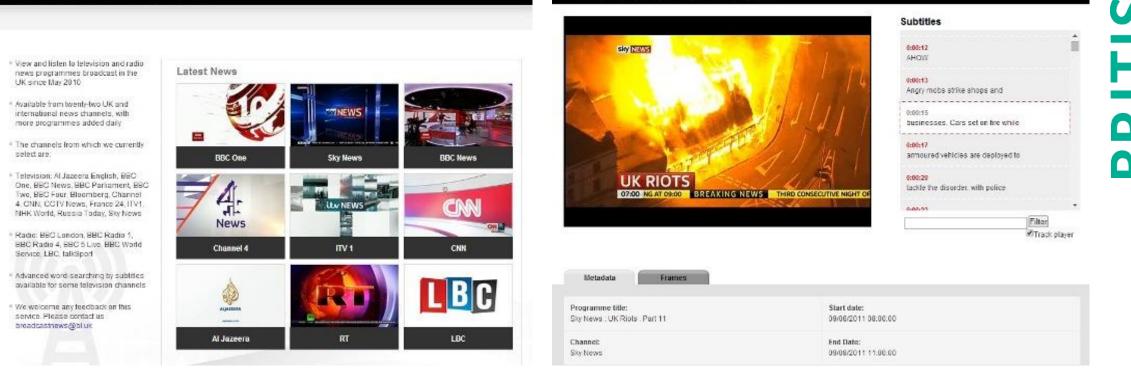


BROADCAST NEWS

Television and radio news programmes

Advanced search

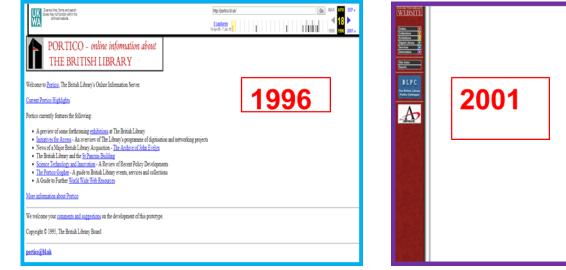
Home Advanced Search About Help Headlines

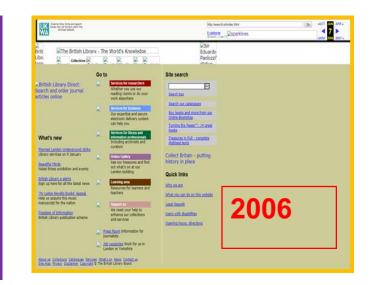


The Broadcast News service records and delivers access to television and radio news programmes from 31 channels receivable free-to-air in the UK.

Recording began officially on 6 May 2010 and there are over 175,000 programmes available, with around 60 hours added each day, available immediately after broadcast.

Web archiving









THE BRITISH LIBRARY

Welcome to the website of the UK's national library

The British Library provides reading evens, bibliographic, document supply and information services, as well as exhibitions, publications and events.

Please select from one of the following options

ducing the British Library . 00

Systems and Services Exhibition in Birmingham, 2 October

Exhibition - Lie of the Land: the Secont Life of Maps

New Strategic Directions for the British Library

BookTreter-a new service from BookNet

Quide to British Library and Internet research resources

Getting in tooch with the British Library.

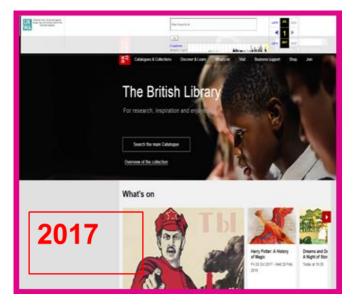
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UK WEB ARCHIVE









LGC LLYFRGELL GENEDLAETHOL CYMRU

THE NATIONAL LIBRARY OF WALES



Trinity College Dublin Coláiste na Tríonóide, Baile Átha Cliath The University of Dublin The British Library has been collecting websites since 2005, initially on a selective basis and since 2013 at a 'whole domain' level. Vast majority is acquired under the Non-Print Legal Deposit Regulations 2013.

The UK Web Archive uses two different methods: automated 'Annual Domain Crawls' and 'Frequent Crawls'. Once per year since 2013 UKWA have attempted to collect as much of the UK based web space as possible, ingesting millions of websites. 'Frequent crawls' represent target websites that have been selected by a person, usually a curator.

https://www.bl.uk/collection-guides/ukweb-archive



https://blogs.bl.uk/webarchive/2022/01/ukwa-2021-technical-update.html

https://www.webarchive.org.uk/

British Library Born Digital Archives Collections

• The Library's Contemporary Archives and Manuscripts Department currently holds 40 individual born digital archives, taking up around 4TB of storage space.

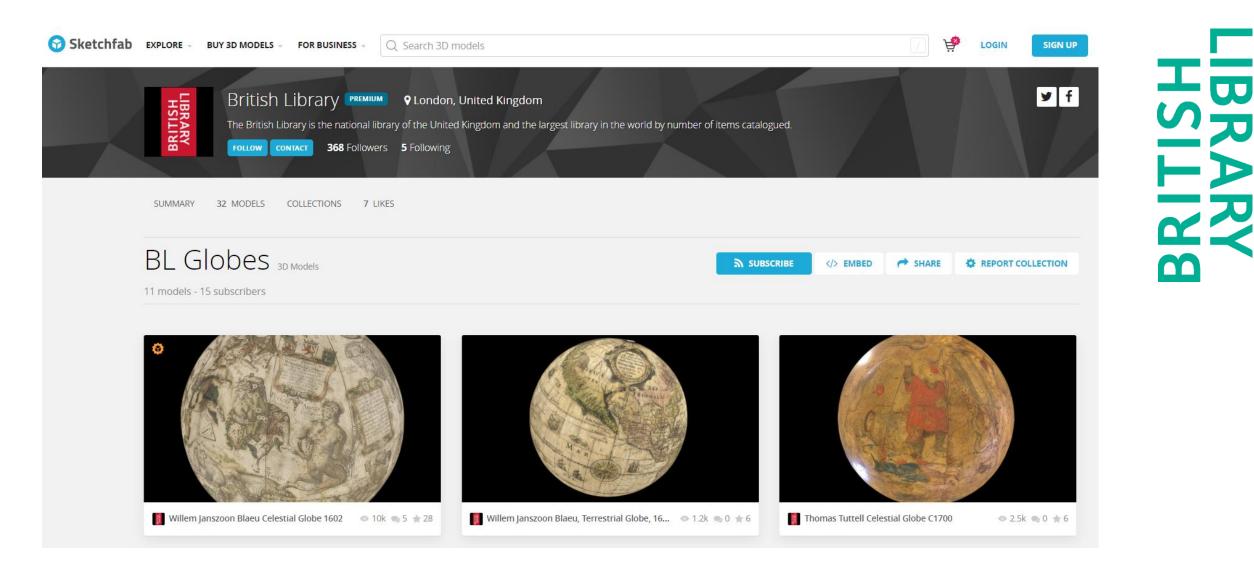
SITIA

- We mostly collect the personal and professional archives of prominent individuals whose work has made a significant impact on social, cultural, artistic or intellectual life in the United Kingdom. (Novelists, poets, dramatists, scientists, politicians, and activists)
- The vast majority of these form part of larger hybrid archives, containing paper material too.
- These collections arrived at the Library on a wide-variety of carriers charting the history of personal computing, from early magnetic media to SSDs.

https://blogs.bl.uk/english-and-drama/2020/04/born-digital-literary-archives-how-were-archiving-the-future.html

Enhanced Curation: Hanif Kureishi's writing study <u>https://www.bl.uk/collection-items/hanif-kureishis-writing-study</u> Panoramic view created by taking a series of photographs of the room and digitally stitching them together to make one image.





https://sketchfab.com/britishlibrary/collections/bl-globes

https://www.bl.uk/maps/articles/european-globes-of-the-17th-and-18th-centuries https://www.bl.uk/pressreleases/2020/march/digital-globes

The Digital Scholarship Department

Mission

Enable the use of the British Library's digital collections for research, inspiration, creativity, and enjoyment.

Goal

Ensure the Library is able to meet the emerging needs of everyone who wants to deeply integrate digital content, data, and methods into their work.

- Our digital collections are only going to grow...
- Scholars and creatives are using technology in innovative ways, expectations have already changed, they're seeking access at scale to our collections for computational analysis.

I ARY

- We've much to gain from understanding digital methods and having closer collaborations, for solving issues (e.g. correcting OCR, enriching collections metadata, conquering cataloguing backlogs).
- Digital scholarship is collaborative, requires input across disciplines, our curatorial experts have an essential role to play in this.
- The Digital Research Team aim to keep pace of digital developments, understand service requirements and support colleagues keen to make the most of opportunities.

What is Digital Research?

Uses digital technologies to change the way research is done, and make it possible to tackle new research questions.

Digital tools and computational methods have transformed two fundamental aspects of research: finding information and interpreting it

Benefits:

- Scale: Explore a bigger body of material computationally – distant reading
- **Perspective**: See trends, patterns and relationships not apparent from close reading
- **Speed**: Test an idea or hypothesis on a large dataset



Photo by Christiaan Colen via Flickr

British Library Digital Research Team



Neil Fitzgerald *Head of Digital Research*



Nora McGregor *Europe & Americas*



Dr Mia Ridge *Western Heritage*



Dr Adi Keinan-Schoonbaert *Asia & Africa*



Dr Rossitza Atanassova *Digitisation*





Tom Derrick 2 Centuries of Indian Print



Contemporary

British

Daniel van StrienDr Kalle WesterlingLiving withLiving withMachinesMachines



g Claire Austin *Living with Machines*



Dr Giorgia Tolfo *Living with Machines*



Deirdre Sullivan Business Support Officer

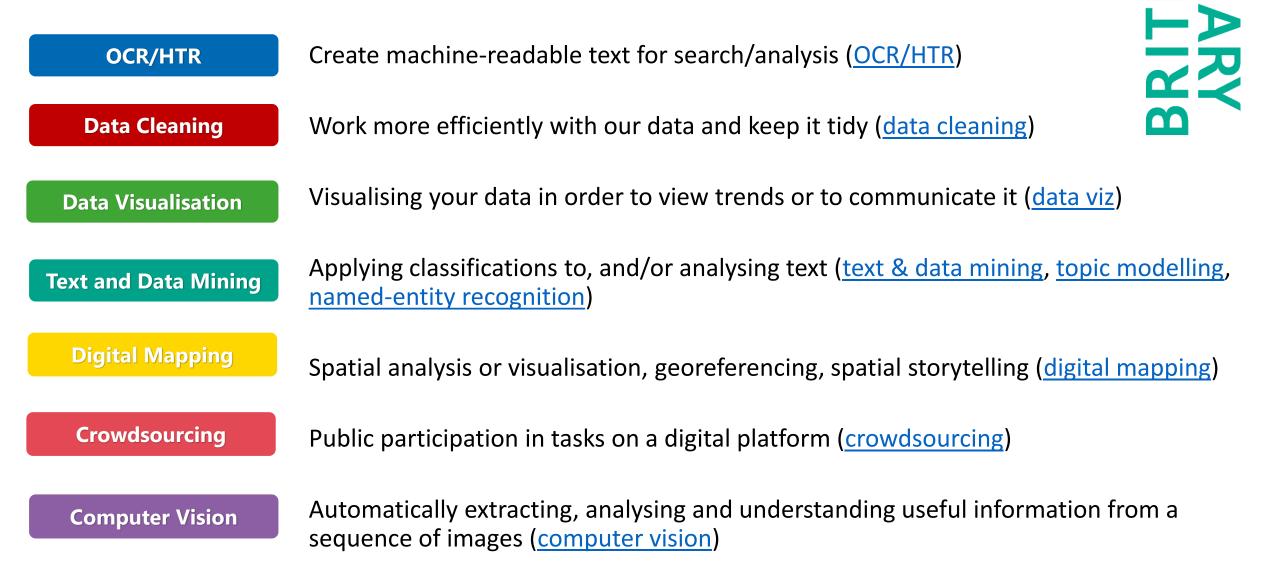


Dr Lucy Hinnie Wikimedian in Residence

Our mission is to enable the use of the Library's digital collections for research, inspiration, creativity, and enjoyment.

Digital Research Methods and Tools

These can be applied to digital collections and data, e.g. spreadsheets, machine-readable text, digital images etc. Examples of tools and methods:

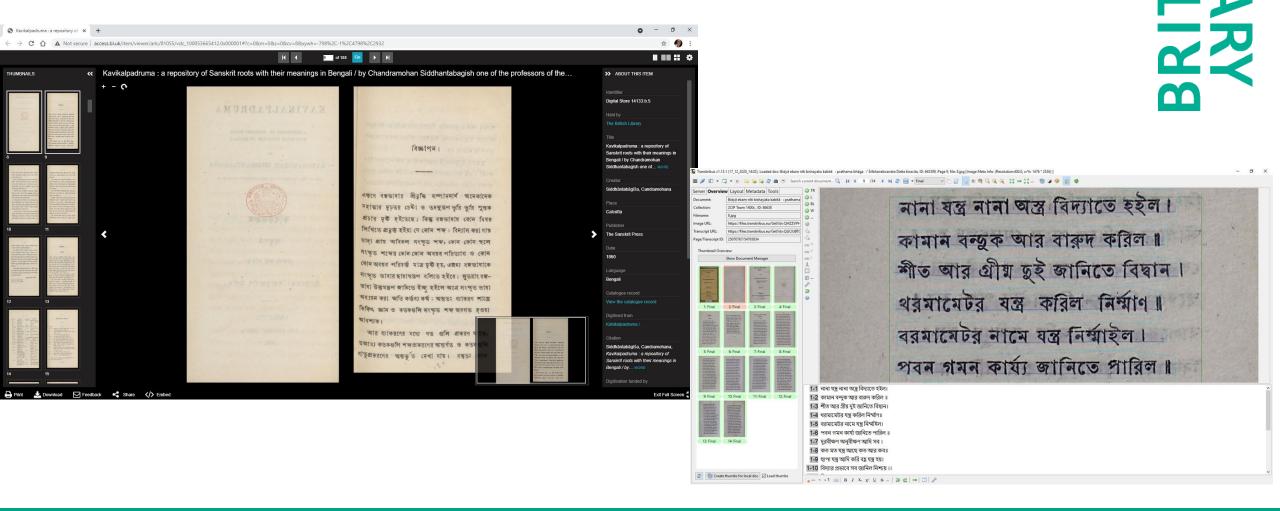


Two Centuries of Indian Print

bl.uk

The project has digitised more than 1,000 early printed Bengali books and 600 books printed in Assamese, Sylheti and Urdu.

https://www.bl.uk/projects/two-centuries-of-indian-print



Optical Character Recognition (OCR)

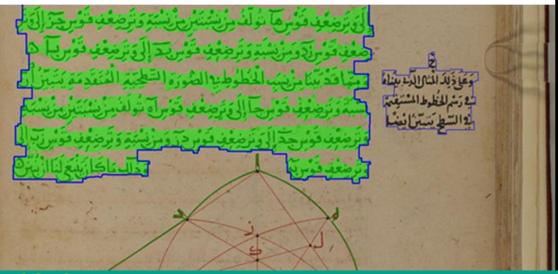
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লন ^{যর} ্ব পা	টেঃকথামালা - ঈশ্বরচন্দ্র	মুদ্রণ সংশোধন প্রতি	ন্ধ থেকে ১৫ই নভেম্বর ঠযোগিতা চলবে। আপনি ১৮৭৭).pdf/১	নও অংশ	নিন।			[বন্ধ করুন]
লেখক নির্বন্ট এত পুনর ময়ুহ মিলি সমূহ নির্বাধ	ণাতাটির মুদ্রণ সংশোধন করা হয়েছে, কিন্তু বৈধক কথামালা। ময়ুৱগণ, দেখিবা মাত্র, তাহাকে দাঁড়কাক বলিয়া , এক একটি করিয়া, ময়ুরণুচ্ছগুলি তুলিয়া লইল, ,ঠাকরাইতে আরম্ভ করিন যে, দাঁড়কাক, জ্বালায় য়ে আশন দলে মিলিতে পেল। তখন, দাঁড়কাক, জ্বালায় য়ে আশন দলে মিলিতে পেল। তখন, দাঁড়কাকেরা গুচ্ছ পাইয়া, অহঙ্কারে মন্ত হইয়া, আমাদিগকে ঘৃ তে গিয়াছিলি; সেখানে অপদস্থ হইয়া, আমার আ দ্ধ। এই রূপে যথোচিত তিরস্কার করিয়া, তাহারা হে যাহার যে অবস্থা, সে যদি তাহাতেই সন্ত্রষ্ট থাকে, ব বমানিত হইতে হয় না।	চিনিতে পাব্লিল, সকলে মিলিয় , এবং তাহাকে নিতান্ত অপদা অস্টিয় হইয়া, গলায়ন কয়ি । উপহাস কয়িয়া কবিল, অন্তে গ্ৰ্ণা ৰুৱিয়া ও গালাগালি দিয় মাদেৱ দলে মিলিতে আসিয়া গই নির্ধ্বোধ দাঁড়কাককে তাড়	র্থ জ্ঞান করিয়া, মা না অনন্তর, সে য় নির্ব্ধোথ: তুই ন্য, মযুরের দলে হা, ময়ুরের দলে হায়া দিল। টেরট অপদহ জ্ঞান দীভৃক অনন্তু	চিনিজ হইতে, ল লইল করিয়া, লক, জ্ব র, সে	দেখিবা ৩ পারিল এক এফ , এবং এত ঠো ণলায় অ পুনরায় গ	ন, সক কটি ক তাহাে কেরাইে হ্রে হই হাপন	তাহাকে দাঁড় লে মিলিয়া, ত রিয়া, ময়ুরপুচ্ছ ক নিতান্ত অপ ত আরম্ভ করিল যা, পলায়ন কা দলে মিলিতে ৫ করিয়া কহিল,	গহার হগুলি ।নার্থ ন যে, রিল। গল।

https://commons.wikimedia.org/wiki/Category:Two_Centuries_of_Indian_Print

- Two Centuries of Indian Print used Transkribus to OCR a series of books using the Bangla trained model
- Bengali books into Wikisource with side-by-side view of transcriptions
- 2021 competition partnership with Bengali Wikisource community to improve OCR
- Export transcriptions to create open Bengali OCR datasets available in the British Library repository

Handwritten Text Recognition (HTR)

- Working with:
 - Arabic scientific manuscripts digitised as part of the BL Qatar Foundation partnership
 - Other Arabic-script manuscripts (e.g. Persian, Malay, Indonesian)
 - Chinese manuscripts digitised as part of the International Dunhuang Project





Automating the recognition of historical Chinese handwritten texts

Hosted by the British Library



The Collective Wisdom Handbook

Perspectives on Crowdsourcing in Cultural Heritage

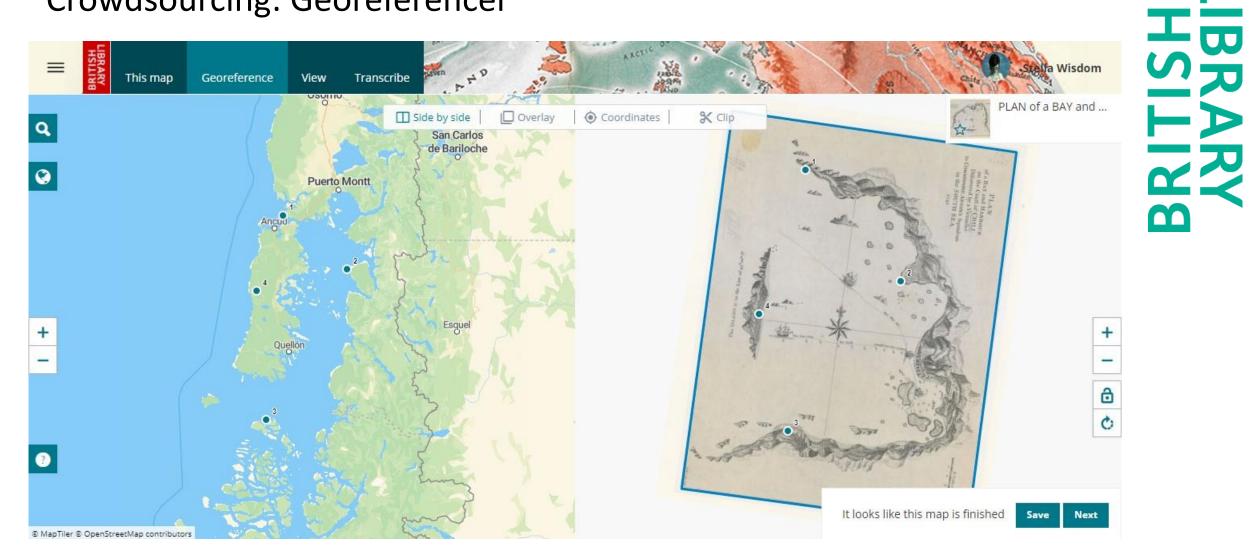


"Crowdsourcing is a form of digitallyenabled participation that promises deeper, more engaged relationships with the public via meaningful tasks with cultural heritage collections. This project brings together world-leading experts to document the state of the art in designing, managing and integrating crowdsourcing activities, and to look ahead to future challenges and unresolved issues that could be addressed by larger, longer-term collaboration on methods for digitally-enabled participation."

https://collectivewisdomproject.org.uk/

Mia Ridge – Samantha Blickhan – Meghan Ferriter Ylva Berglund Prytz – Ben Brumfield – Sara Brumfield – Denise Burgher – Jim Casey – Sonya Coleman Daria Cybulska – Michael Haley Goldman – Kurt Luther – Austin Mast – Nick White – Brendon Wilkins – Pip Willcox

Crowdsourcing: Georeferencer



https://www.bl.uk/projects/georeferencer https://www.bl.uk/help/how-to-use-the-georeferencer https://blogs.bl.uk/magnificentmaps/georeferencer/ Contribute



In the courfe of which, the following Songs will be Sung: " Lovely Nan" and " Stand to your Guns," by Mr. BOWDEN, " Lovely Dolly, fat and fleek," Mr. RUSSELL, A new loyal Song (in the Character of a Sailor) " I'll blefs my King," and a Sea Song " I'm a little Midshipman," by Mrs. MARTYR.

To which will be added, the Mufical Farce of The



Lingo, Mr. RICHARDS. Sir Felix Friendly, Mr. L E B R U N, Compton, Mr. B O W D E N. Eugene, Mr. DARCY, Chicane, Mr. CHAMBERS, Thomas, Mr. BEVERLEY, John, Mr. ALLEN, Cudden, Mr. EARLE, Stump, Mr. WILMOT-WELLS. Cowflip, Mifs ARNE, Laura, Mrs. MARTYR, Mrs. Chefhire, Mrs. CHAMBERS. Fringe, Mrs. RUSSELL.

TICKETS to be had of MRS. MARTYR, No. 26, Hawley Square, and of Mr. Dale, at the Theatre-Office, where Attendance is given every Day from Ten till Three. No Admittance behind the Scenes. No Money returned. Doors to be opened at Six, and to begin precisely at Seven. BOXES, 45 .-- PIT, 28. 6d .-- GALLERY, 18. Nothing under FULL PRICE will be taken;

to Do Friday a Play and Farrer an will be so of 1' at mill for



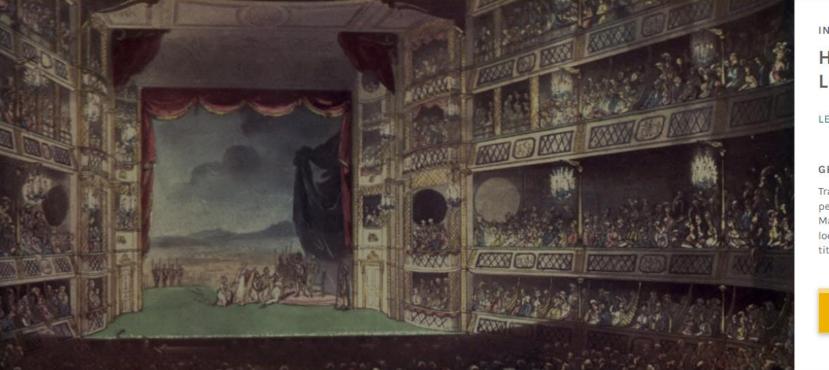
Crowdsourcing: In the Spotlight

Transcribing names and performances on the playbills of Britain's old theatres.



ABOUT CLASSIFY TALK COLLECT

Welcome to our alpha version! We're offering a sneak peek into our rehearsal process as we migrate In the Spotlight to Zooniverse. Your comments and questions will help improve this project!



IN THE SPOTLIGHT

Help bring past performances from the British Library's historic playbills collection to life.

LEARN MORE >

GET STARTED!

Transcribe dates - help us put these playbills into historical context by noting the first performance date mentioned. A quick task!

Mark and transcribe titles - the titles of plays and other performances occur in different locations and sizes relative to the other text on a playbill. Please draw an outline around titles then transcribe them. A longer task, depending how many titles there are.

51% COMPLETE-SET SELECTION Mark and transcribe titles

https://frontend.preview.zooniverse.org/projects/bldigital/in-the-spotlight

ABOUT CLASSIFY TALK COLLECT

TUTORIAL

THE EXAMINER SATURDAY

SCIENTIFIC NOTES.

NICE WORKMANNER--A watchmaker in Newcastie, Ta-bas completed a set of three gold shirt stude, in one of which is a watch that keeps excellent time, the dial being about three-sights of an inch in diametor. The three stude are connected by a strip of miver leader the shirt becom, and the watch contained in the middle one is wound on by turness connected by a strip of miver inside the shirt become, and the watch contained in the model one is wornd up by targing regime to the the stud above, and the basics are set by targing the one bidow. The product the product will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a pendulum like a clock ship penduct will act with a penduct will be placed applied down.

upside down. In: a recent letter from Banx Montiko, near the Vellaia Falls of the Coopy, Mr. Richards of the Livingstone (Coopo) Island Mission, mentions that he had visited two towns a I dand Mission, maniform that he had visited two towns a short distance off, where no Zaropean has hitherto been. He also larged that there wave into day. Taking of the distance of the distance of the distance off, where no Zaropean has hitherto been. He therefore thinks there must be a farger population in the district than was supposed. One of the town M.F. Richard describes as the " nicest African town" he has yet seen in the Congo region. I has a bread read, and the huts on the adde are ranged almost in line, though detached from each other. A barry straight row of trees is planted on each other. A barry straight row of trees is planted on each bide of the road, and another line crossing is forme an arch-way. The people appeared than their reigh-borr, but were very thy for some time."

Dr. Ziemer's paper on maximum daily rainfall in the Dritheliungen must have cost its author a vast deal of trouble. Minimalinances must have cost its author a vast deal of trouble. Town where four incluse of rain have hern recorded within them are Breaka, Brassell, Gravey, Triests, Midana, and Groon. The author has neglected to saurch English authori-ties, or he might have found that London, Liverpool, and other English town abelong to the same category... Vervier, with fourteen inches of rain within twenty-four hours, heads the sit of European town: Perseah, with thirty-diveloches, exhibits the maximum throughout the world. We may exhibits the maximum throughout the world. We may exhibits the maximum inroughout to world. We may observe that 12 5 inches of rain fell in asingle day at Portree in the Isle of Skye. This, according to Mr. Buchan is the maximum quantity until lately registered is the British

A NEW TORFERO-Another investion has just been added to the already long list of marine infernal minchines. In Refermance sequences invested a prove description of in terpole or submarine heat, where parallelity is that it is of capable of uncovering under exact, for them have an of added to the already iong list of marine internal machines. A Revenues empione has invested, any effective description of the set of

of screek, to rise or sink houstenessy, and shows summary to show any starting by the start of t

The Jury in the Bend Or case on Tuesday, found for the plaintiff, damages £1,750. Mr. Aldarman Gendall, the father of Salford Town

MISCELLANEOUS

be in working order. It has been decided to offer the Great . Eastern steamshi

The wholesale resignations of the Devon Volusteer Artillery Brigads have excited great interest. The colonal has refused to accept them, on the ground that they were

A stansion at New half, shout three miles from Salisbury, accupied by Mr. Letten Schuldy and owned by Mr. A. Backley, was destroyed by fire Schuldy affernion. The damage is facial to access 212,000.

is stated to extoned £12,000. On Monday the Loads School Roard intered into posses-sion of their new offices, which have rost £30,000. The board have isow model (their incented forty-dre schools, thirty of which have here appealing board. Some matters joing after dinner came to quarterillog, and one, M. Golds-warz, shot his coleagues, M. Jassaud, dadd with a revolver. The sunderer was individually disarded that arrested. A Reinter's telegram mates -A waterspot bare on faturday at Dobram, descending in a tarbib shower of hard. A considerable tract of land was innalated, and great 'immer inflicted, the times being nertially destroyed.

The ecclesiastical arrangements of Ireland will be brought

JULY 2, 1881.

under your consideration at a very early date; and the

mon weal but a common wos." And yet we dare not abandon the problem. We are house

TRADE NOTES. Thirty thousand nallers in Worcestershire and

shire districts struck work on Monday for an ad wages, averaging about 30 per cent. The ship labourers held a meeting at Montreal on day, at which it was unanimously resolved to continue present strike.

The pony drivers at Denaby Main Colliery, Soath For hirs, struck work on Monday, on being refused an advant of wages. Two thousand hands are thus thrown out

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workplace? We have searched historical newspapers for mentions of machines and words related to accidents. The keywords used are highlighted on the image.

How did machines change accidents in the

TASK

The results of this task will help us understand when and where machines caused or worsened accidents. It will also provide data about the most effective keywords for findings articles about accidents while minimising false positives.

Check the Help, Tutorial or Field Guide for more information.

Look at the image shown. Do one or more articles in this image mention a specific accident involving machinery?

There is only one article on the image and it mentions a specific accident involving machinery

https://www.zooniverse.org/projects/bldigital/living-with-machines

Crowdsourcing: Agents of Enslavement Colonial newspapers in the Caribbean and hidden genealogies of the enslaved

Agents of Enslavement 🥏	ABOUT <u>CLASS</u>	SIFY TALK COLLECT
CONTENT WARNING This project contains terms which are now considered discriminatory, harmful or offensive. The content also contains graphic des	scriptions of how en <u>slaved</u>	people were mistreated. You may
therefore find some of the material upsetting.		GUIDE
FIFTY SHILLINGS REWARD	TASK	
WILL be given by the Subscriber for apprehend- $\frac{-}{+}$ ing and delivering either to himself, to Mr. James $\frac{c}{c}$	Is this a complete adve at least one fugitive ("ru	rt seeking the recapture of inaway")?
Greenidge residing in Bridge-Town, or lodging in the	Yes	
cage, his negro man Slave, named Tom : his com- plexion is rather swarthy, and has many scars about	No	
his back; he has been frequently seen in and about	NEED SOME HEL	P WITH THIS TASK?
Bridge-Town, particularly at St. Ann's Castle. It is almost unnecessary to warn Captains of Vessels,	Done & Talk	Done

Agents of Enslavement? is a research project, which seeks to explore the ways in which colonial newspapers in the Caribbean facilitated and challenged the practice of slavery.

It also seeks to identify the networks and voices of enslaved people hidden within these newspapers.

https://www.zooniverse.org/projects/gjevon/agents-of-enslavement

https://blogs.bl.uk/endangeredarchives/2021/07/help-trace-the-stories-of-enslaved-people-in-the-caribbean-using-colonial-newspapers.html

https://www.theguardian.com/world/2021/jul/18/secrets-of-rebel-slaves-in-barbados-will-finally-be-revealed

Crowdsourcing: Canadian wildlife: notes from the field

SIGN IN REGISTER TALK COLLECT

FIELD

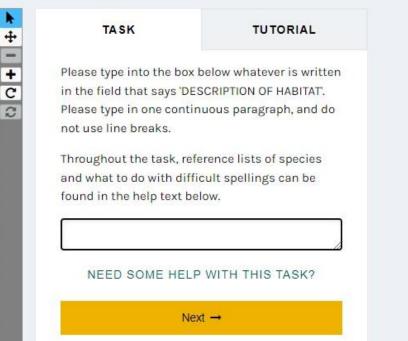
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		THE ENVIRONMENT	THE ANIMAL		
NAME #RECORDIST		WHERE RECORDED LOCALITY: Badius Woods,	TYPE OF SOUND - SONG. CALL, STRUDULATION +*	COMMON NAME E9.5000 Gray Tracting scenture name Hyla versialer standard name elementy use only	
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ABOUT GET INVOLVED TALK BUILD A PROJECT NEWS

Canadian wildlife: notes from the field 🥥

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PROJECTS



CLASSIFY

ABOUT

https://www.zooniverse.org/projects/fstubbings/canadian-wildlife-notes-from-the-field



HBR

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https://www.bl.uk/projects/off-the-map

The Off the Map Competition

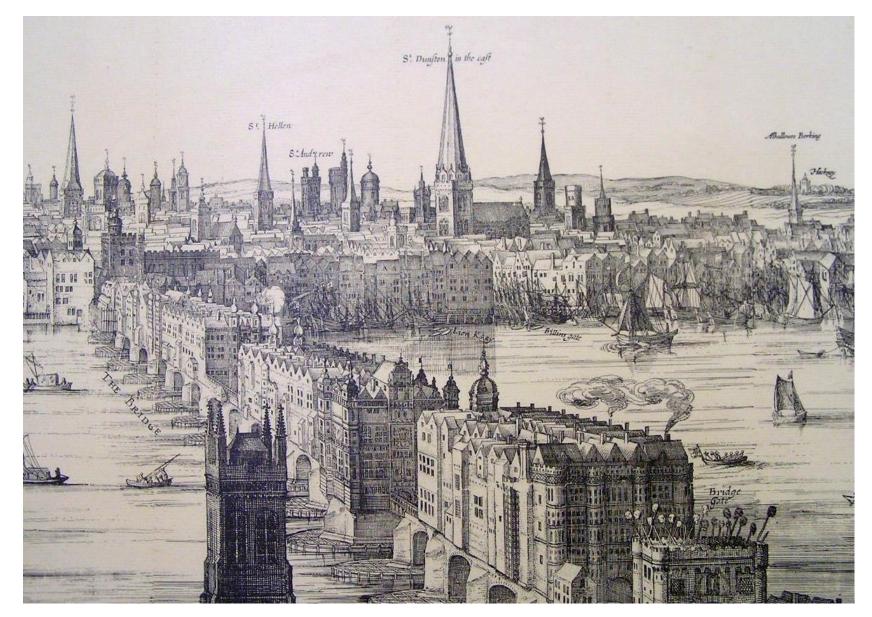
• Exploration of how British Library digital collections can be re-used in creative ways

I AR

- Engagement with new audiences
- Opportunity for students in the UK to showcase their talents to industry



Digital Rosslyn Chapel De Montfort University student project created http://rosslynchapeldmu.blogspot.co.uk/ https://youtu.be/wdUxeeVKm9g



LONDINUM FLORENTISSIMA BRITANNIAE URBS; TOTO ORBE CELEBERRIMUM EMPORIUMQUE. / C.J. Visscher Delineavit (detail). c. 1616. Maps C.5.a.6 <u>https://www.bl.uk/collection-items/engraved-view-of-london-by-c-j-visscher-showing-the-globe-1616</u>



AN EXACT SVRVEIGH OF THE STREETS LANES AND CHVRCHES CONTAINED WITHIN THE RVINES OF THE CITY OF LONDON : FIRST DESCRIBED IN SIX PLATS, BY IOHN LEAKE, IOHN IENNINGS, WILLIAM MARR, WILLM. LEYBVRN, THOMAS STREETE & RICHARD SHORTGAVE in Decber. Ao. 1666. BY THE ORDER OF THE LORD MAYOR ALDERMEN, AND COMMON COVNCELL OF THE SAID CITY. Reduced here into one intire plat, by Iohn Leake etc., 1667. Cartographic Items Maps Crace Port. 1.50

https://www.bl.uk/collection-items/survey-of-the-ruins-caused-by-the-great-fire-of-london



2013 winning team: Pudding Lane Productions from De Montfort University, Leicester Created an interpretation of 17th Century London <u>http://youtu.be/SPY-hr-8-M0</u> (Flythrough starts at 0:50)

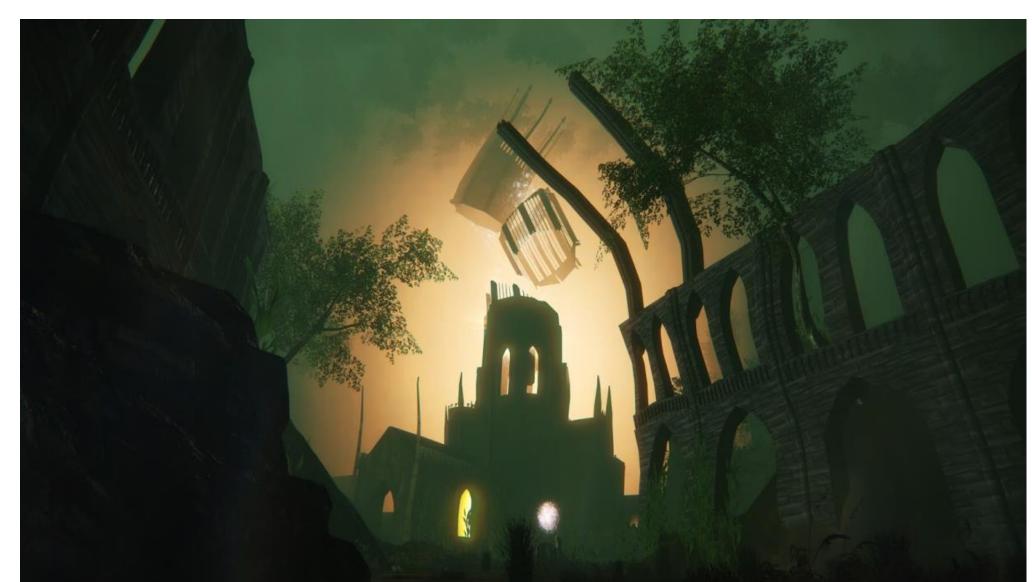




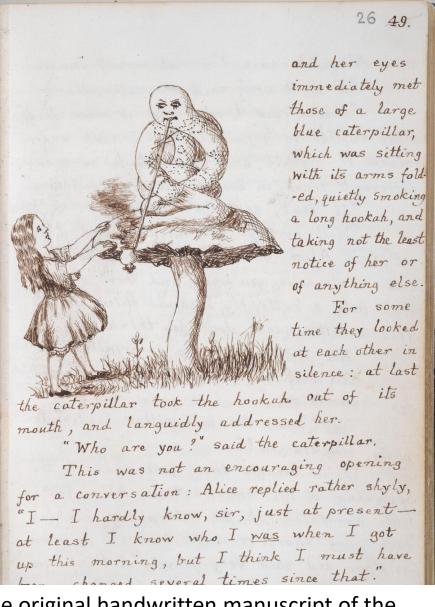
LIBRARY

Image from Delineations of Fonthill and its Abbey, John Rutter, 1823

2014 winning team: Gothulus Rift, University of South Wales Created a Fonthill Abbey inspired game called Nix using Oculus Rift <u>http://nixgamedevblog.blogspot.co.uk/</u> YouTube flythrough: <u>http://youtu.be/8ESieZO4VHw</u>







The original handwritten manuscript of the story, 'Alice's Adventures Under Ground', which was first told to Alice Liddell by Lewis Carroll in 1862.

are ferrets! Where can I have dropped them, I wonder?" Alice guessed in a moment that it was looking for the nosegay and the pair of white kid gloves, and she began hunting for them, but they were now nowhere to be seen - everything seemed to have changed since her swim in the pool, and her walk along the river-bank with its fringe of rushes and forget-me-nots, and the glass table and the little door had vanished.

Soon the rabbit noticed Alice, as she stood looking curiously about her, and at once said in a quick angry tone, "why, Mary Ann! what are you doing out here ? Go home this moment, and look

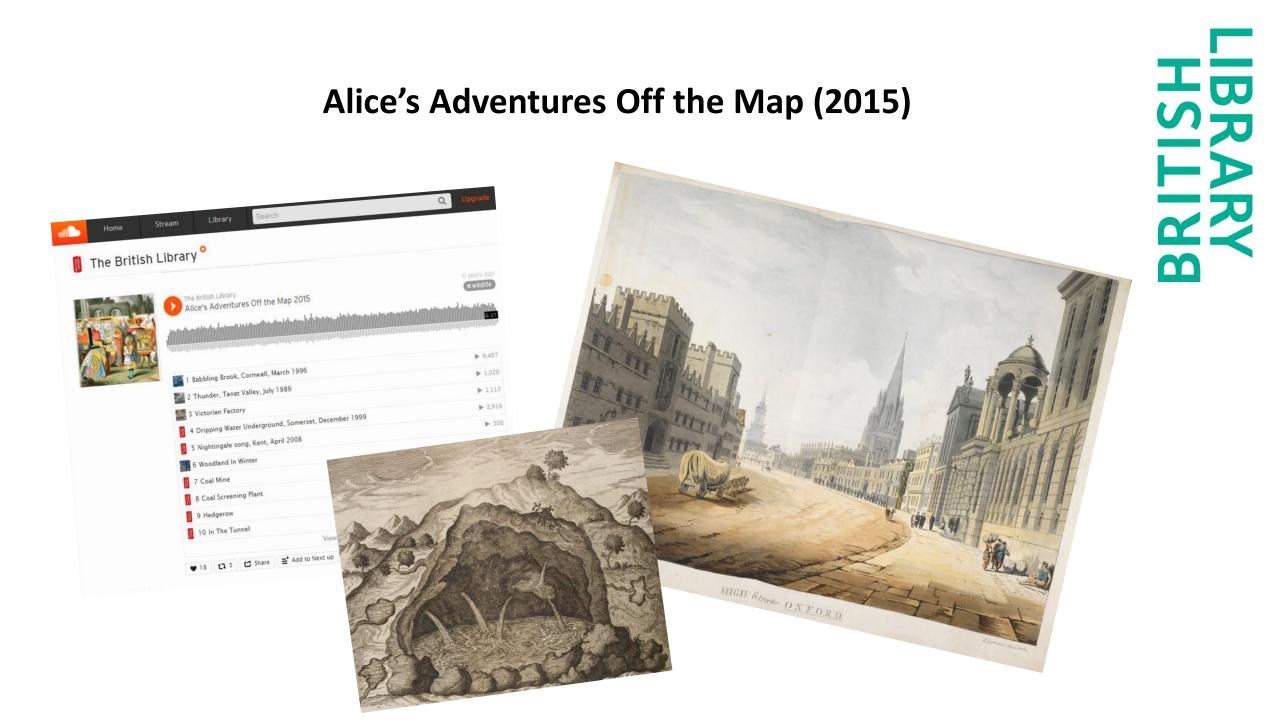
18 33

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on my dressing-table for my gloves and nosegey, and fetch them here, as quick as you can run, do you hear?" and Alice was so much frightened that she ran off at once, without



2015 Winning Game: "The Wondering Lands of Alice" Team Off our Rockers, De Montfort University in Leicester YouTube flythrough: https://youtu.be/7bwx4uUnbV4



To the Reader.

This Figure, that thou here feeft put, It was for gentle Shakefpeare cut;
Wherein the Grauer had a ftrife with Nature, to out-doo the life :
O, could he but haue drawne his wit As well in braffe, as he hath hit
Hisface , the Print would then furpaffe All, that was euer writ in braffe.
But, fince he cannot, Reader, looke Not on his Picture, but his Booke.

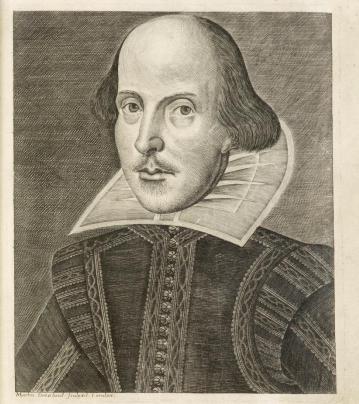
B. I.

#Shakespeare400

2016 commemorations of 400 years since the death of William Shakespeare

MR. WVILLIAM SHAKESPEARES COMEDIES, HISTORIES, & TRAGEDIES.

Published according to the True Originall Copies.



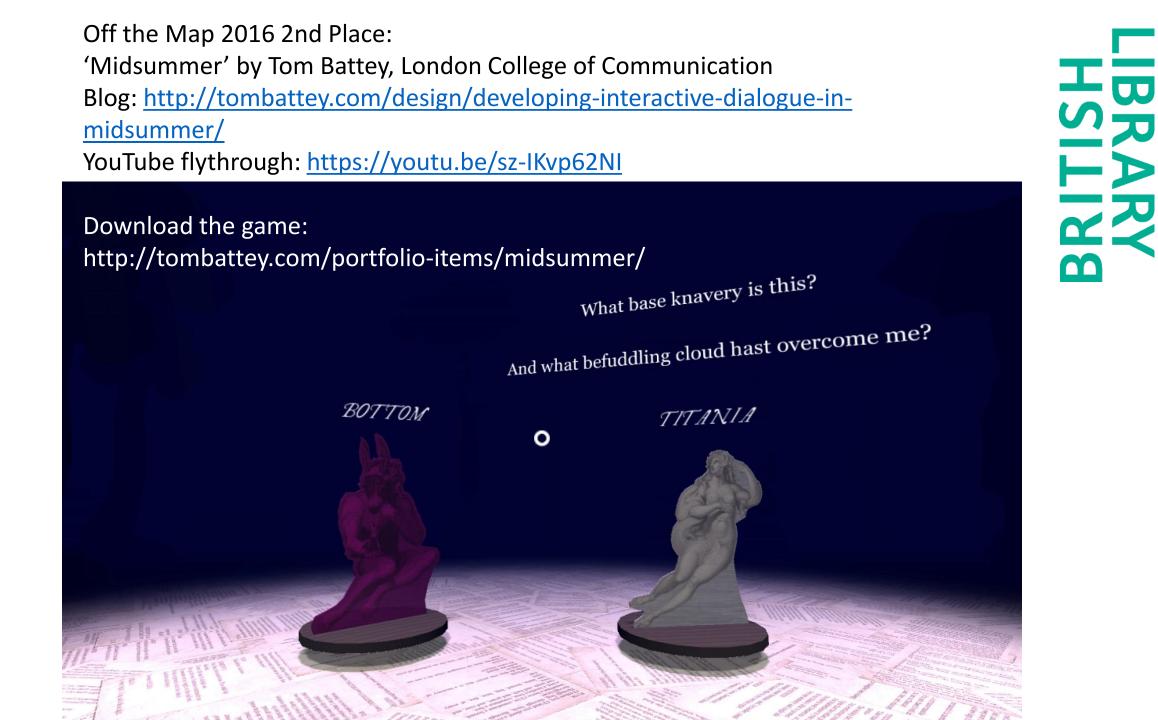
LONDON Printed by Isaac laggard, and Ed. Blount. 1623.

Shakespeare Off the Map (2016)



Off the Map 2016 1st Place: "The Tempest" by Team Quattro, De Montfort University, Leicester YouTube flythrough: <u>https://youtu.be/OlzpEFgpk3Y</u>





LIBRARY HSILING

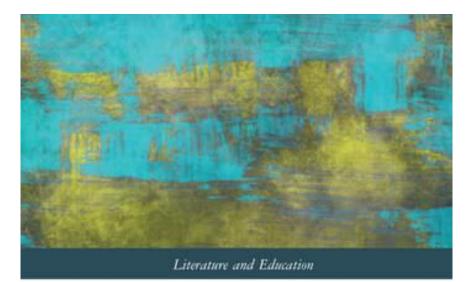


Playing Beowulf

Project with University College London Institute of Education, funded by the Arts and Humanities Research Council in the UK. Developed a game-authoring tool based on the Anglo-Saxon epic poem Beowulf, for use by schools, universities, curators and library visitors. http://darecollaborative.net/2015/03/11/playing-beowulf-gaming-the-library/

na mgen dagum. peod cynnig hum se Funon huda abelinzas elle the medon. Oft feeld sceping scenher meacum mone zu mæspum mædo fælk of teach estode coul syddan agrest part Les loente Longen pe per cholie sepa peox under polenum peopo myndum haln of him ashpyle papa somb fieren sha open inton pase hypan feolde sombar Tyl San pref god cymmz. Sem eapona par efter cenned scons in seardam hone tog lenge torce cothothe througante ou Tere plane aprizon aldon afe. lange hpile him her lip pper puldier por loors popols are pop zant bearing par buen blæd pide fipnang feydsglerugena foets Landum m . Spa fording man god Pylicein phonine pecken the anne





LITERATURE, VIDEOGAMES AND LEARNING

Andrew Burn

"This innovative book explores links between literature and videogames, and how designing and playing games can transform our understanding of literature.

It shows how studying literature through the lens of videogames can provide new insights into narrative and creative engagement with the text." LIBRARY

Literature, Videogames and Learning by Andrew Burn <u>https://www.routledge.com/Literature-Videogames-and-</u> <u>Learning/Burn/p/book/9780367458249#</u>



La Contractor de la constitución de la constitución



LITCRAFT uses the popular Minecraft gaming platform to build accurate scale models of authorial maps from classic works of literature.

Impact is achieved by re-engaging children with literature in a model of positive reinforcement that makes works accessible in entirely new ways, combining the textual and the digital. Reading and writing are integrated with an immersive experience of the literary world.

https://www.lancaster.ac.uk/chronotopic-cartographies/litcraft/

https://www.theguardian.com/books/2018/jul/11/how-minecraft-ishelping-kids-fall-in-love-with-books

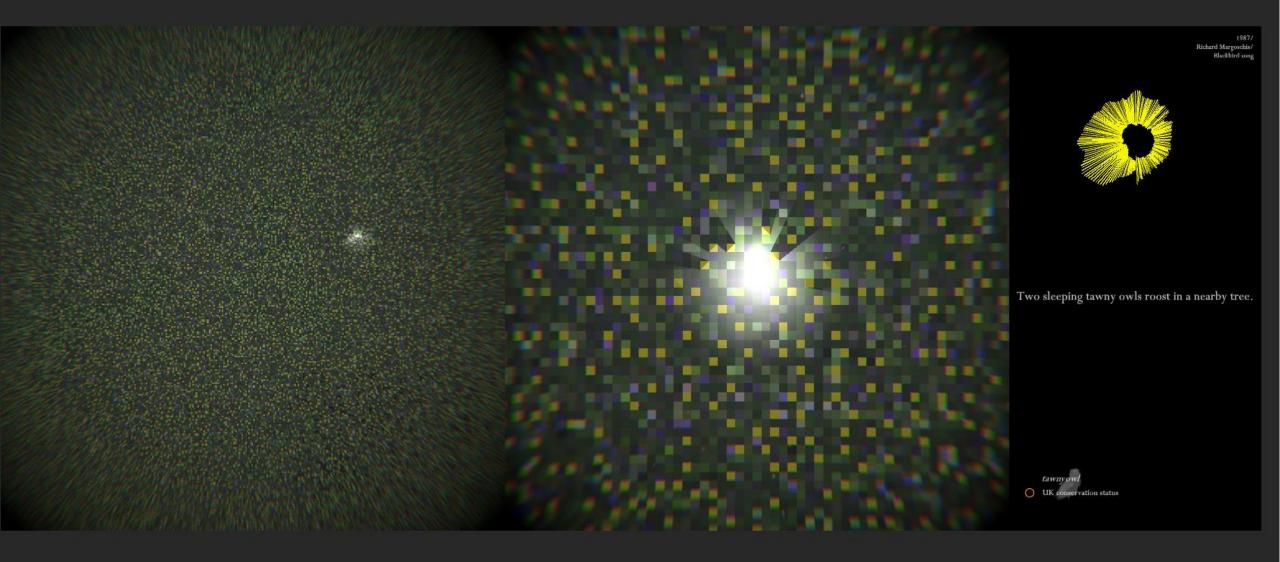




English Literature | Lancaster and Creative Writing | University



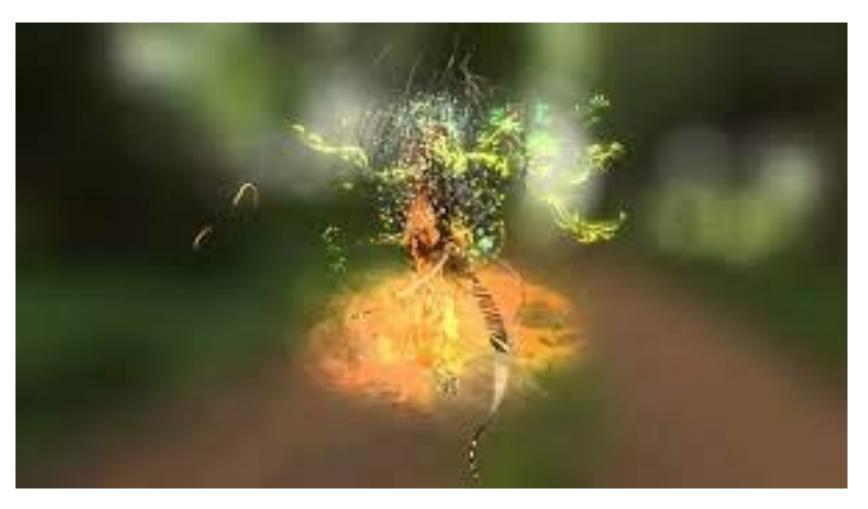




Faint Signals by Invisible Flock: <u>https://www.faintsignals.io/</u>

Set in an imagined Yorkshire forest the work looks at how natural sound has changed over the last 50 years. Using the British Library's collection of wildlife, weather, and other nature sounds Faint Signals reflects the diversity and complexity of Yorkshire's natural landscape.

Europeana Creative – bird visualisations



Nightingale & Canary - bird sounds visualised by Andy Thomas <u>https://www.youtube.com/watch?v=7Xdswy5iLYM</u> Textile artist Cat Frampton, https://www.catframpton.com/





- 68,000 volumes (47,000+ titles) published in the 19th century mostly in English
- Excluded authors active 1850-1901 and who died after 1936
- Output: 25 million pages



Collection guides

Digitised printed books (18th-19th century)



Concise Guide to London, with map, etc. 1885

Related guides

The King's Library The collection of George III includes thousands of books and pamphlets

Datasets for content mining Content suitable for use in text and data mining research

Datasets for image analysis Image collections suitable for large-scale image-analysis-based research

Italian printed collections Our Italian collections cover all periods and a wide variety of subjects

Portuguese printed collections Contemporary and antiquarian material, including 225 books published in Portugal before 1601

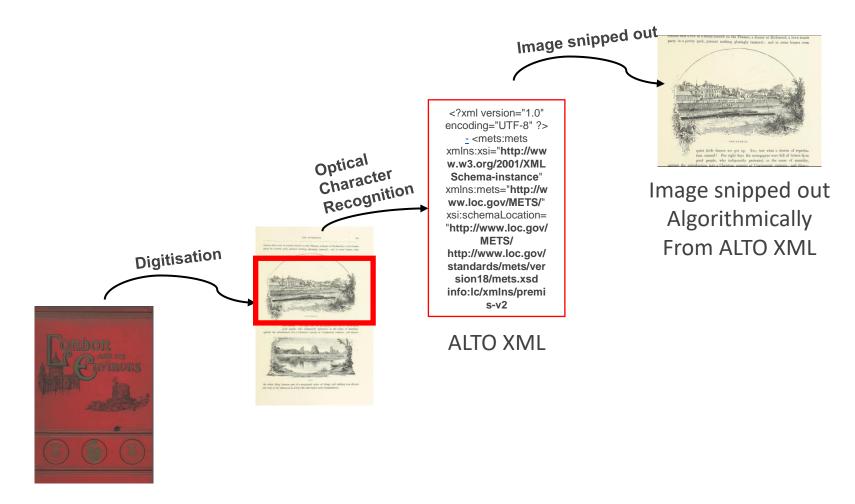
Printed books digitised in partnership with Microsoft from the 18th & 19th century be

The creative projects I'm about to discuss use Public Domain images from the Microsoft Partnership Digitisation Project 2006-8

https://www.bl.uk/collection-guides/digitised-printed-books

Mechanical Curator

Illustrations were extracted algorithmically from the digitised books https://blogs.bl.uk/digital-scholarship/2013/12/a-million-first-steps.html



The Mechanical Curator

Randomly selected small illustrations and ornamentations, posted on the hour.

Rediscovered artwork from the pages of 17th, 18th and 19th Century books.

@MechCuratorBot - British Library Digital Scholarship Blog

Archive About Links



Image from '[As in a Looking Glass. [A novel.]]', 002901097

- · Author: Philips, F. C. (Francis Charles)
- Page: 286
- Year: 1889
- Place: London
- · Publisher: Ward & Downey

View all the images from this book

Following the link above will take you to the British Library's integrated catalogue. You will be able to download a PDF of the book this image is taken from, as well as view the pages up close with the 'itemViewer'. Click on the 'related items' to search for the electronic version of this work.

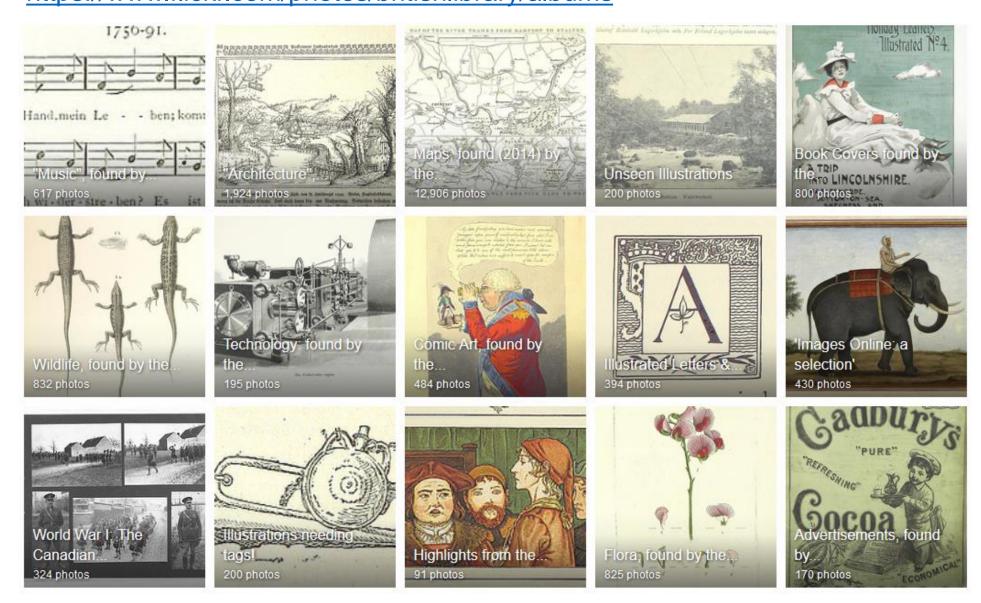


http://mechanicalcurator.tumblr.com/



https://twitter.com/MechCuratorBot

The illustrations were uploaded to Flickr and albums were created through crowd-sourced tagging https://www.flickr.com/photos/britishlibrary/albums



David Normal

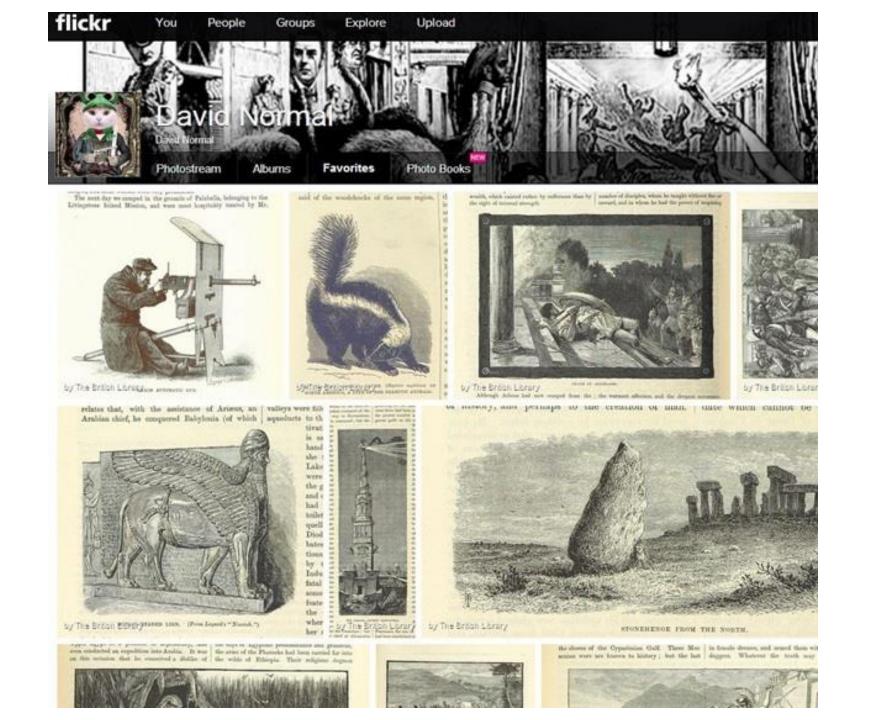
ross_roads_of_curiosity_david_normal-final

British Library Labs Experiment with our digital collections

http://labs.bl.uk



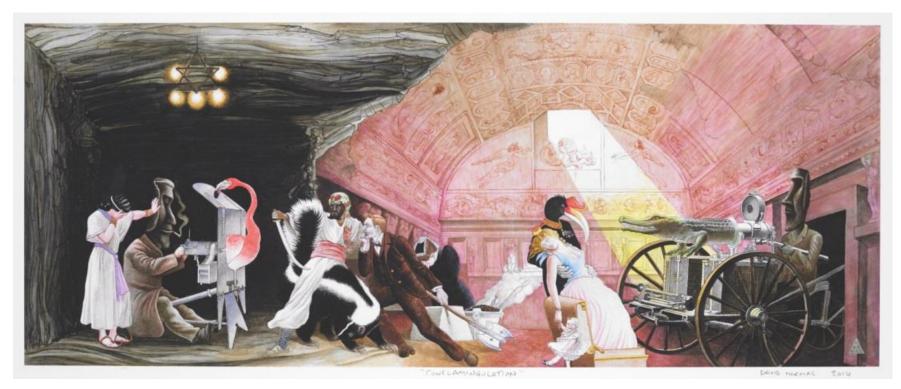
LIBRARY



LIBRARY HSILING



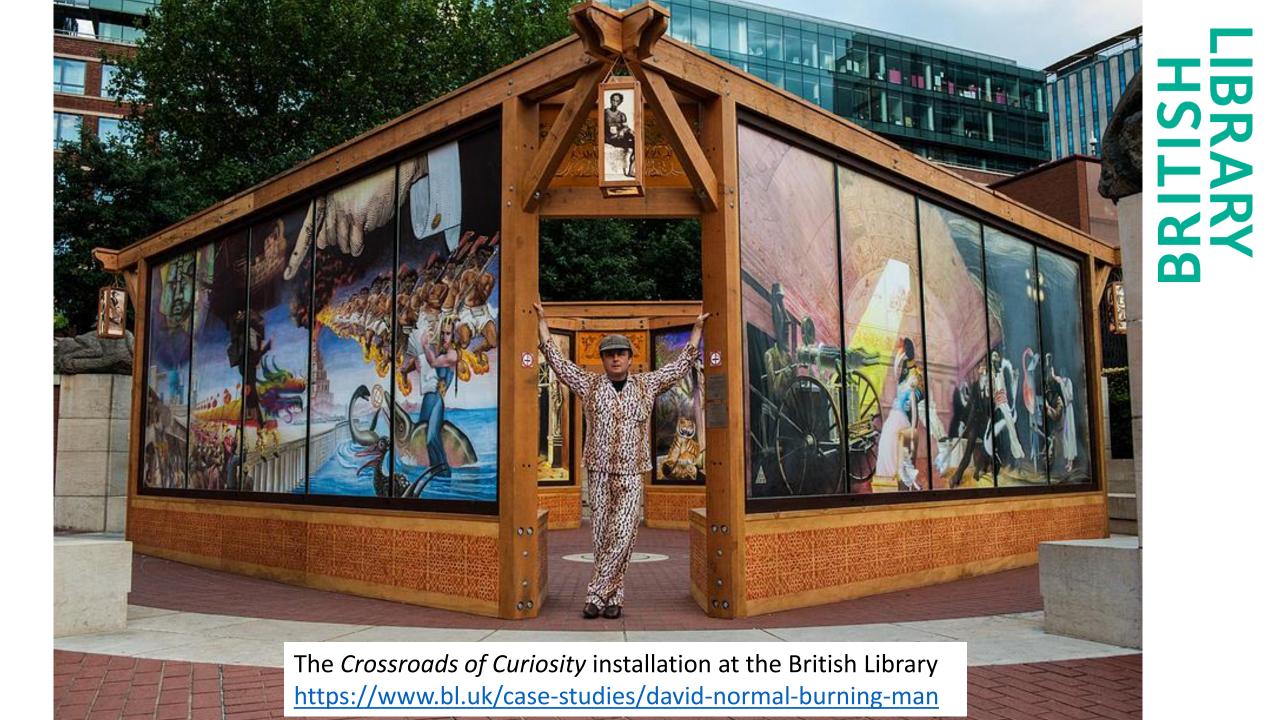






The Crossroads of Curiosity installation at Burning Man Festival

David Normal created light boxes around the Burning man, using the British Library's book illustrations



Hey There, Young Sailor written and directed by Ling Low with visual art by Lyn Ong

Inspired by the works of early cinema pioneer Georges Méliès, the video uses 19th century images from the British Library's Flickr collection.

The video was commissioned by Malaysian indie folk band The Impatient Sisters



https://youtu.be/bcOP1E5bRE0





Imaginary Cities Exhibition Michael Takeo Magruder





Artwork using 4 city maps selected from 50,000 maps found by volunteers on BL Flickr Commons

PARIS



IBRARY

https://blogs.bl.uk/digital-scholarship/2019/06/imaginary-cities-exhibition.html

Chicago

Homage to Frank Lloyd Wright's – organic modernist architecture

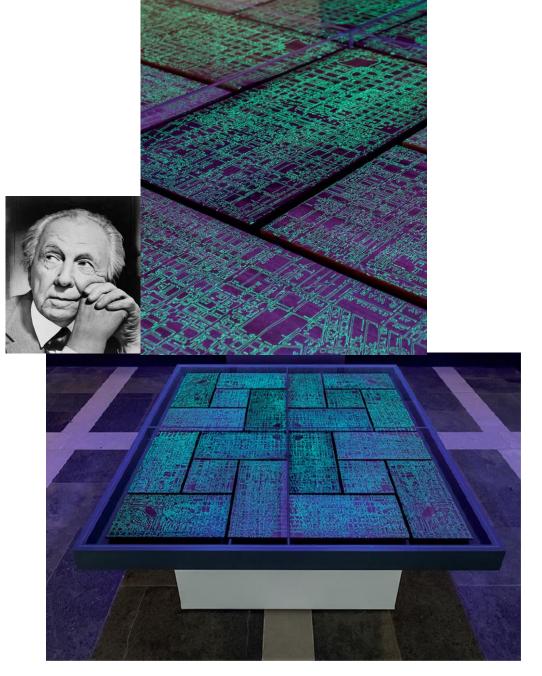
1 day's data -Frank Lloyd Wright's birthday

Hardwood

Vectorised image

Laser cut

UV pigment



-IBRARY

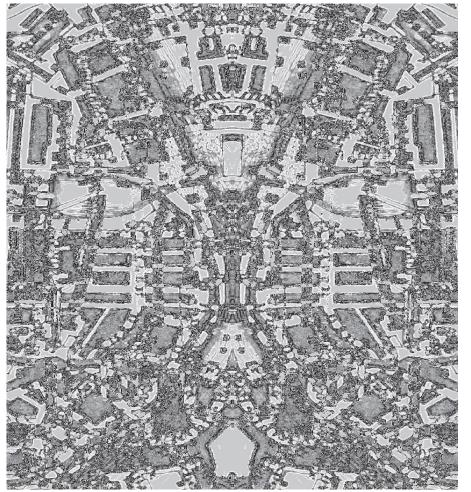
laser-engraved sapele hardwood with UV light-reactive inlay

London

Sound algorithmically generated Rorschach Inkblot

Real time animated





Real-time algorithmic triptych with soundscape customised 4K LED screens with silver-gilded frames

Rorschach inkblot (centre point of art work, covers 3 screens)

LIBRARY



Uses 4 sets of data each 3 months long

Mandela design printed on cotton board, gilded with 24 Carat gold



Algorithmically generated monoprints on 24ct gold-gilded cotton board

New York

- Virtual reality projection
- Oculus VR experience
- Downloaded data from Flickr Map of New York from previous day
- Creates a base city map from which a 3D 'City' is created in Unity 3D
- 10 minute cycle (5min day and 5min night)
- Never repeats
- Transcendent sound track
- Art deco / Bladerunner aesthetic





Real-time virtual environment (Unity3D) with soundscape infinite duration

Late at the Library: Algorave

Fri 5 Apr 2019, 19:30 - 23:00



-IBRARY HSILING

Live code your Friday night

An evening of futuristic electronic rhythms, brought to you by some of the leading lights of the Algorave movement. Experience the exciting and unpredictable phenomenon of algorithms brought to life as music and visuals. Expect demonstrations, creative interventions and an opportunity to see the exhibition, *Imaginary Cities*, along with bars for beers and cocktails.

Alex McLean is a musician, researcher, software artist, free/open source software developer, and organiser of strange events. Alex is a co-founder of the TOPLAP and Algorave movements.

ALGOBABEZ have been blasting eardrums with noisy synth-driven algo-pop since 2016. Algorave regulars, Shelly Knotts and Joanne Armitage, code and control patterns of weird, wonky, noisy, thumping, danceable music.

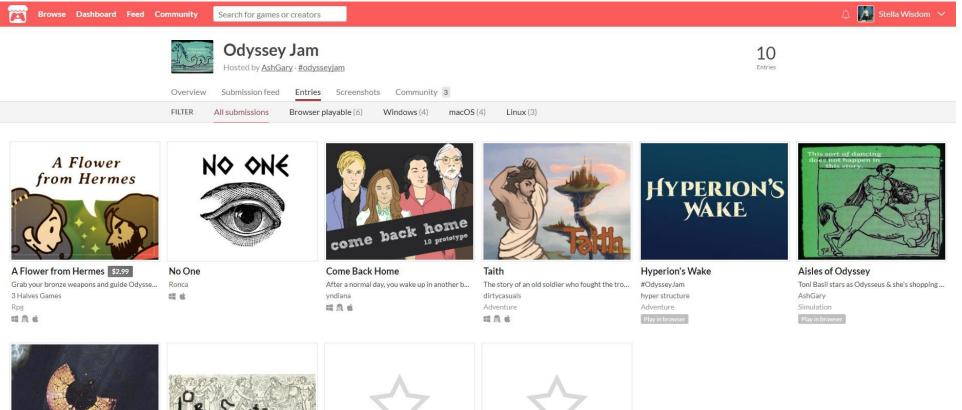
Odyssey Jam 2017

https://itch.io/jam/odysseyjam



Odyssey Jam 2017 entries https://itch.io/jam/odysseyjam/entries

We encouraged entrants to make use of the digitised images on Flickr that The British Library had released under a creative commons license. Some games used these images, e.g. No One and 108 suitors.





the long ing blink a mind-faquing adventure about chances, cho... Penelope's got a full house. sofianatella

108 Suitors Lynda Clark

The Perils of Penelope A surreal spin on an ancient tale. Peregrine

islands & witches The wreck of a once-mighty city, and a long jo ... irregulargentlewomen

Gothic Novel Jam (July 2018)



#GothNovJam

- F. S. COBURN: 99

200th anniversary of the publication of Frankenstein. A perfect opportunity to run a gothic novel themed challenge.

Gothic Novel Jam

invited participants to create stories, poetry, art, games, music, films, pictures, soundscapes, or any other type of digital media response.

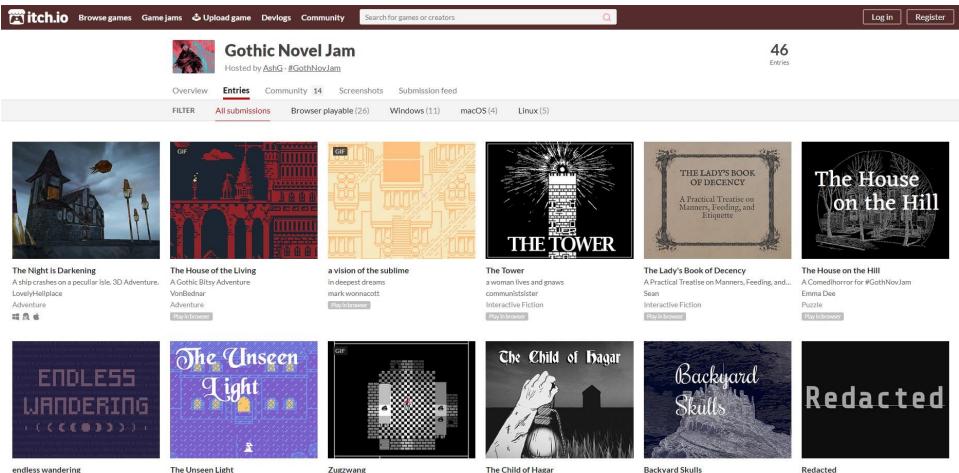
We wanted participants to use images from the <u>British Library</u> <u>Flickr account</u> as inspiration

LIBRARY HSILING

Gothic Novel Jam 2018

We received 46 entries submitted by people from all around the world including Australia, America and France.

https://itch.io/jam/gothic-novel-jam/entries



endless wondering? onion

ducklingsmith

Zugzwang A game for Gothic Novel Jam 2018 and #bits... Explore an old manor where rooms change ar... Ludipe

The Child of Hagar It is your child. It lives in the barn. It is hungry. ghoulishkid

Backyard Skulls A man gets invited to a manor by his mistress,... Hazel-Rah

days and hours have passed since yo... rumpel

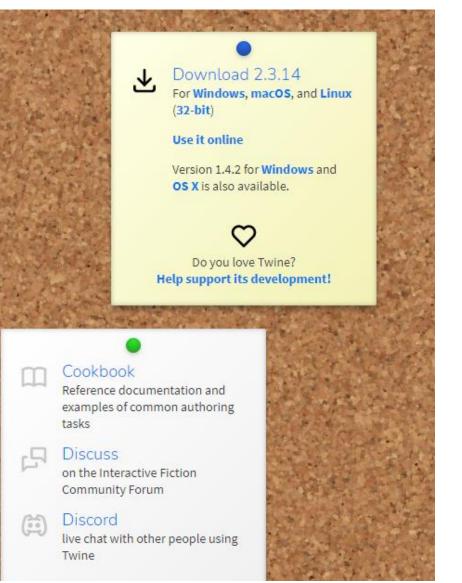
Twine is an open-source tool for telling interactive, nonlinear stories.

You don't need to write any code to create a simple story with Twine, but you can extend your stories with variables, conditional logic, images, CSS, and JavaScript when you're ready.

Twine publishes directly to HTML, so you can post your work nearly anywhere. Anything you create with it is completely free to use any way you like, including for commercial purposes.

Twine was originally created by **Chris Klimas** in 2009 and is now maintained by a whole bunch of people at **several different repositories**.

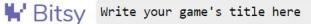


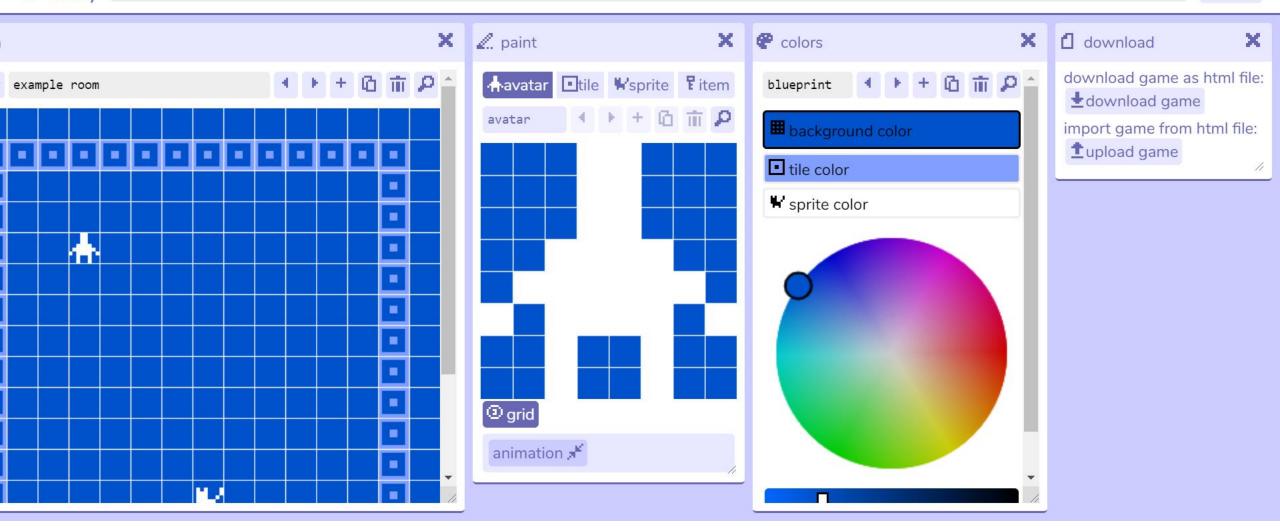


Twine is an open-source tool for telling interactive, nonlinear stories: https://twinery.org/

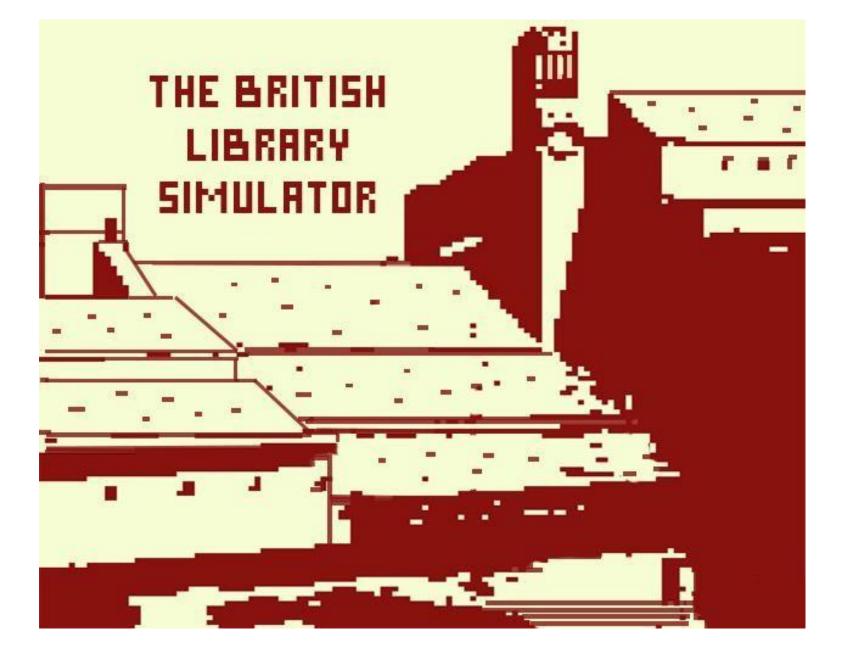


bl.uk





Bitsy is an open-source tool for making little games or worlds: https://bitsy.org/



https://giuliac.itch.io/the-british-library-simulator





LIBRARY HSILING

Collecting Emerging Formats

UK Non-Print Legal Deposit

- Print legal deposit has existed since 1662
- Digital legal deposit came into effect in 2013
- Allowed the libraries to collect publications in digital formats
- Publishers must provide a digital file that is suitable for long-term preservation
- Onsite access within reading rooms

"The term 'emerging formats' refers to types of publication that are in scope to collect under the UK's Non-Print Legal Deposit Regulations, but whose content and structure are more challenging compared to those currently collected."

https://www.bl.uk/projects/emerging-formats



Bodleian Libraries









- Born-digital with no print counterpart
- Often consist of more than one media type
- Comprised of non-standard format and metadata types
- Not typically part of existing collections
- At risk of rapid obsolescence

Source: Caylin Smith and Ian Cooke (2018) "Emerging Formats: Complex digital media and its impact on the UK Legal Deposit Libraries." Alexandria: The Journal of National and International Library and Information Issues. <u>https://doi.org/10.1177/0955749018775878</u>

What have experimented with collecting

- 1. Book as mobile apps
- 2. Web-based interactive narratives

Collecting methods

File transfer: with publisher agreement, useful for large and complex publications, requires engagement and effort from publisher

Download via access code: with publisher agreement, can introduce DRM, requires a method to transfer to network storage

Web Harvesting: does not require publisher engagement, capability exists in Library, access method is understood, publication must be accessible via web browser, may not be a complete capture

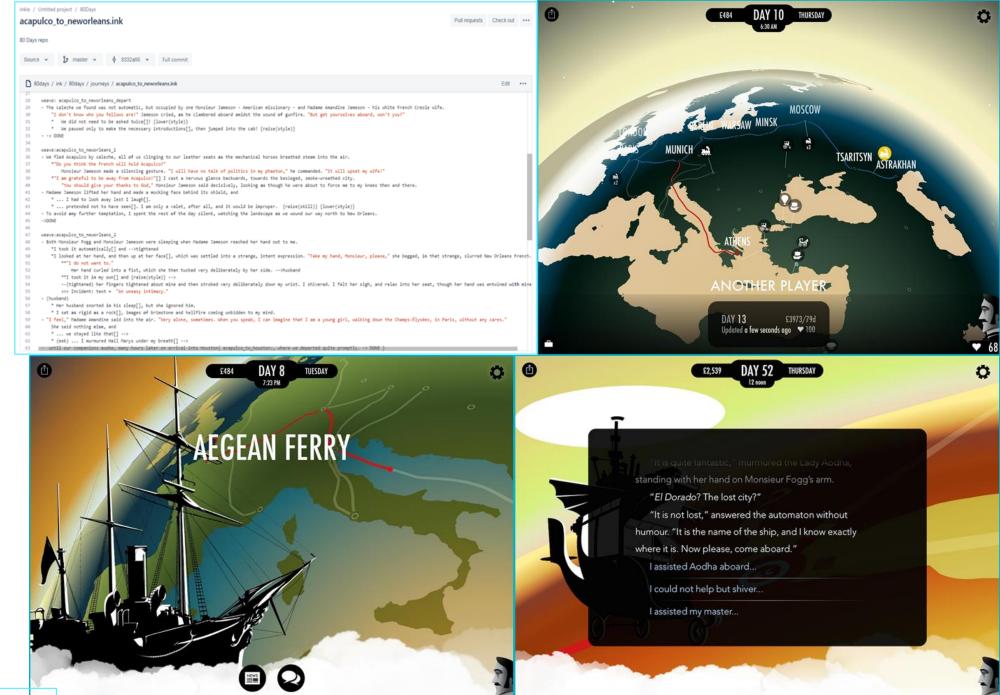


80 Days

- PC Version & Android app
- Source code
- Contextual information







100





Lynda Clark



Lynda Clark is a postdoctoral researcher from Nottingham Trent University working with the Digital Scholarship, Contemporary British and Web Archiving teams at the British Library. Her project has been supported through an Innovation Placement funded by the Arts and Humanities Research Council and Midlands 3 Cities Doctoral Training Partnership.

Published date: 29 March 2019

I have particularly enjoyed developing new knowledge of the Library's web archiving work.

Key points

· Lynda's research has explored interactivity in contemporary and historical fiction

- · Her fellowship is supporting work to enhance the British Library's collecting of UK digital publications and other emerging formats
- The project includes training in web archiving and behind-the-scenes insight into the curatorial challenges of collecting

AHRC Innovation Placements allow researchers who have recently completed their PhDs to work with a host organisation outside the Higher Education sector. Placement holders offer their specialist skills to the organisation in exchange for experience of collaborative research in a professional environment. Having recently submitted my PhD thesis on interactive narrative, I was keen to join the Library's pioneering Emerging Formats project to help shape collections policy surrounding interactive webbased works.

My PhD investigated which works might be considered interactive narrative, and the methods creators of interactive fiction (IF) employ in order to build a relationship with their audiences. My thesis included a critical analysis which traced aspects of interactivity from Victorian serials through to modern videogames, plus the creation of an interactive novella with a reader-guided story.

My knowledge of IF creators, works and platforms provided me with a good starting point for collecting works to add to the Library's UK Web Archive. As well as ongoing work on developing an overview of interactive fiction in the UK (which I blogged about for Digital Scholarship), I've also been exploring

https://www.bl.uk/case-studies/lynda-clark

Interactive Narratives Collection

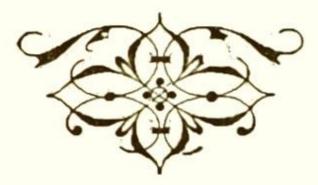
- Part of E-publishing Trends/Emerging Formats
- Mix of text, sound and video elements
- Different types of interactions
 - hypertext
 - parser-based
 - choice-based
- Captured with Heritrix + Webrecorder/Conifer



https://www.webarchive.org.uk/en/ukwa/collection/1836



by Lynda Clark



About Begin

Preserve Your Memories

https://notagoth.itch.io/the-memory-archivist



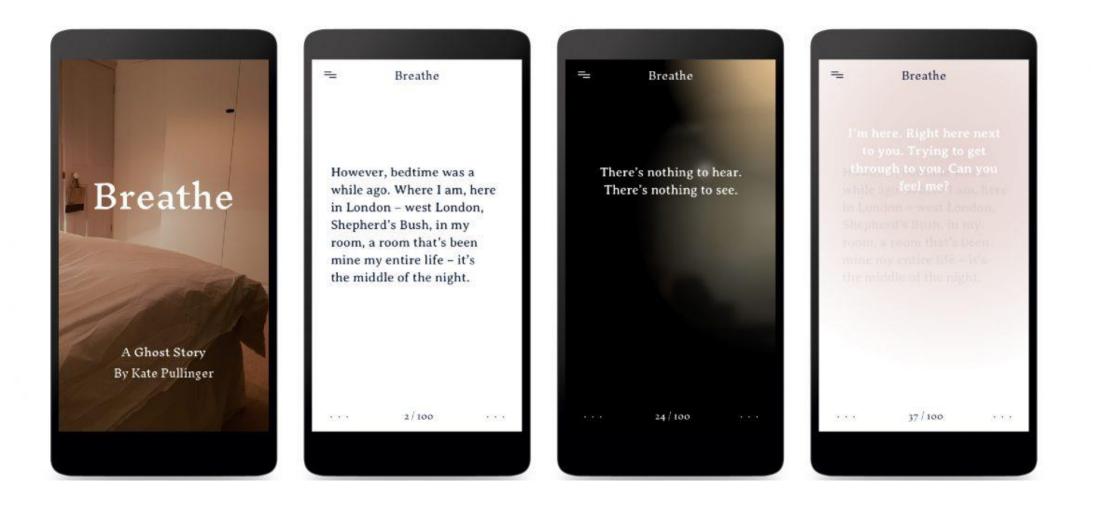
New Media Writing Prize Collection in UK Web Archive https://www.webarchive.org.uk/en/ukwa/collection/2912

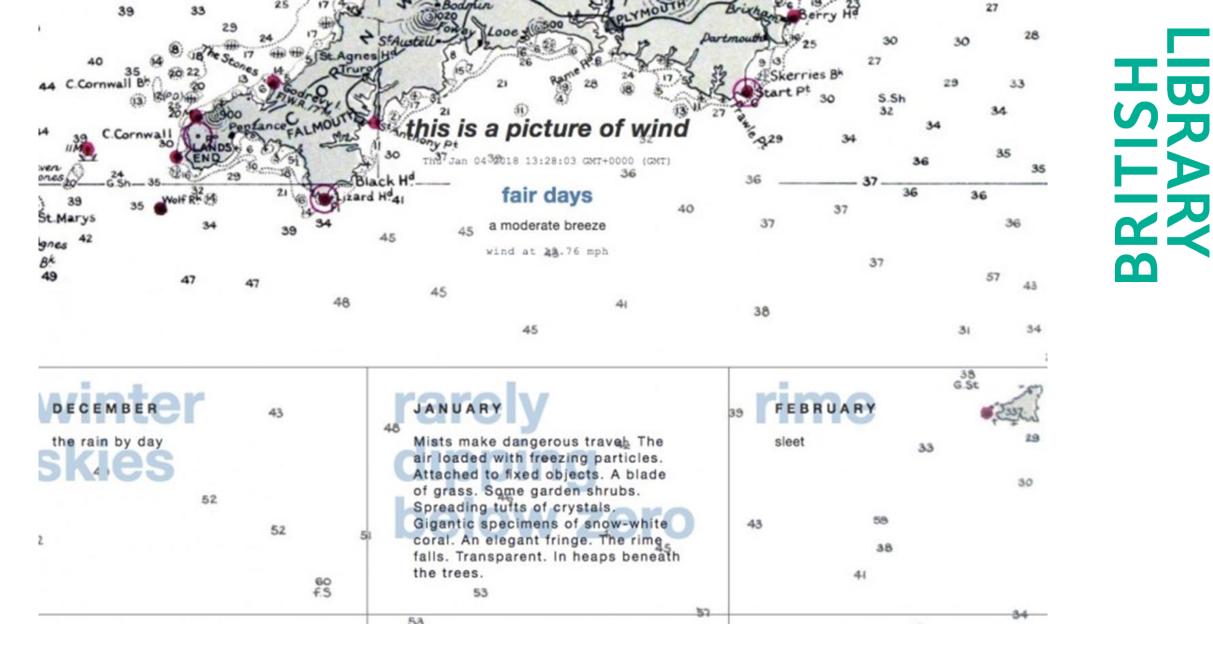
https://blogs.bl.uk/digital-scholarship/2021/01/the-new-media-writing-prize-collection-is-now-available-in-theuk-web-archive.html

https://blogs.bl.uk/digital-scholarship/2021/07/building-the-new-media-writing-prize-special-collection.html

Quality Assurance in the New Media Writing Prize Collection by Tegan Pyke: <u>https://doi.org/10.23636/1y1j-by18</u>

Breathe by Kate Pullinger <u>https://ambientlit.com/breathe</u>





This is a Picture of Wind by J.R. Carpenter: <u>http://luckysoap.com/apictureofwind/</u>





stella.wisdom@bl.uk @miss_wisdom https://blogs.bl.uk/digital-scholarship/ https://www.bl.uk/subjects/digital-scholarship

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