

LOOM

Every thread has a story.

—

'Looseleaf', an experiment commissioned by the DX Lab, is the first stage of Loom. It's intent is to showcase the rich and ever growing collections of the State Library of NSW, and to allow them to be simply and intuitively explored.

Weave through the collection, traverse the relationships, and use the data behind the images to discover new story threads.

Loom was built by Grumpy Sailor.



AN EXPERIMENT BY



POWERED BY



STATE LIBRARY
NEW SOUTH WALES

LEADERSHIP & INNOVATION FORUMS 2015

#libraryleaders

'FINDING THE INNOVATION
SWEET SPOT'



ALIA

ExLibris
The bridge to knowledge

#libraryleaders

Keynote

Paula Bray DX Lab Leader SLNSW
Louise Denoon Senior Curator SLNSW

NSW Panellists

Dr Theresa Anderson Course Coordinator, Master of Data Science & Innovation Connected
Intelligence Centre, UTS

Dr Alex Byrne FALIA State Librarian and Chief Executive, SLNSW
(Chair NSLA)

Rose Hiscock Director, Museum of Applied Arts & Sciences

Margie Jantti Director Library Services, University of Wollongong
(President CAUL)



Finding the Innovation Sweet-spot

Paula Bray + Louise Denoon, State Library of NSW

WHY?

A woman with short blonde hair, wearing a black blazer and a black scarf, is holding a large, dark, textured fabric over her head and shoulders. She is wearing dark sunglasses and has blue lipstick. The background is blurred, showing what appears to be a parking lot with cars.

“Innovation is not a one-size fits all proposition”

Scott Anthony, Harvard Business Review

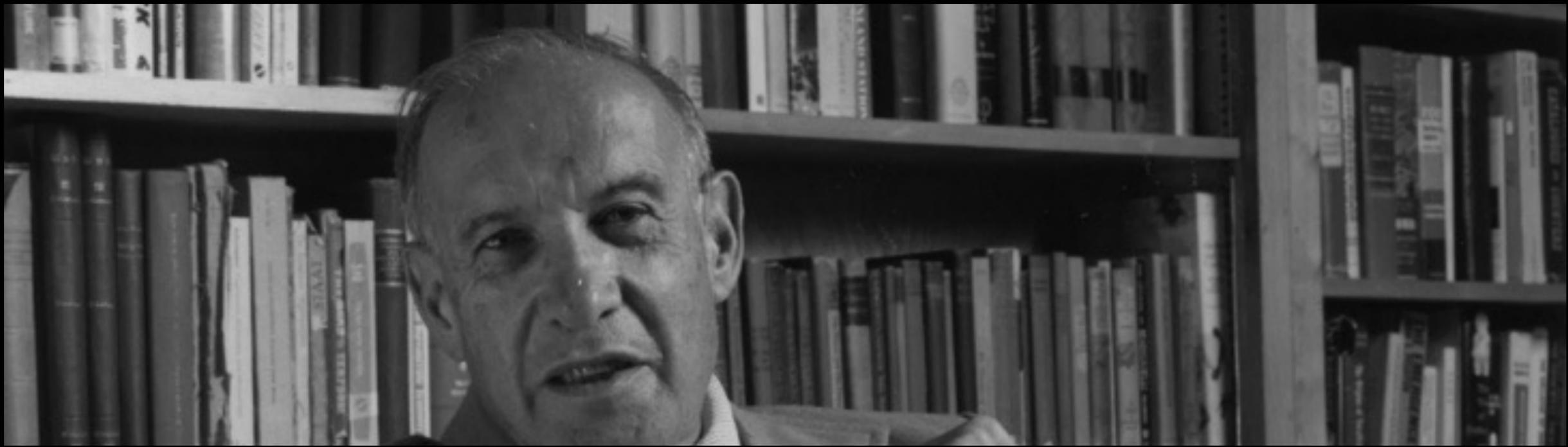


It's not just about technology



**It's about solving
problems in new ways...**





CULTURE of disruption

“Culture eats strategy for breakfast”

-- Peter Drucker

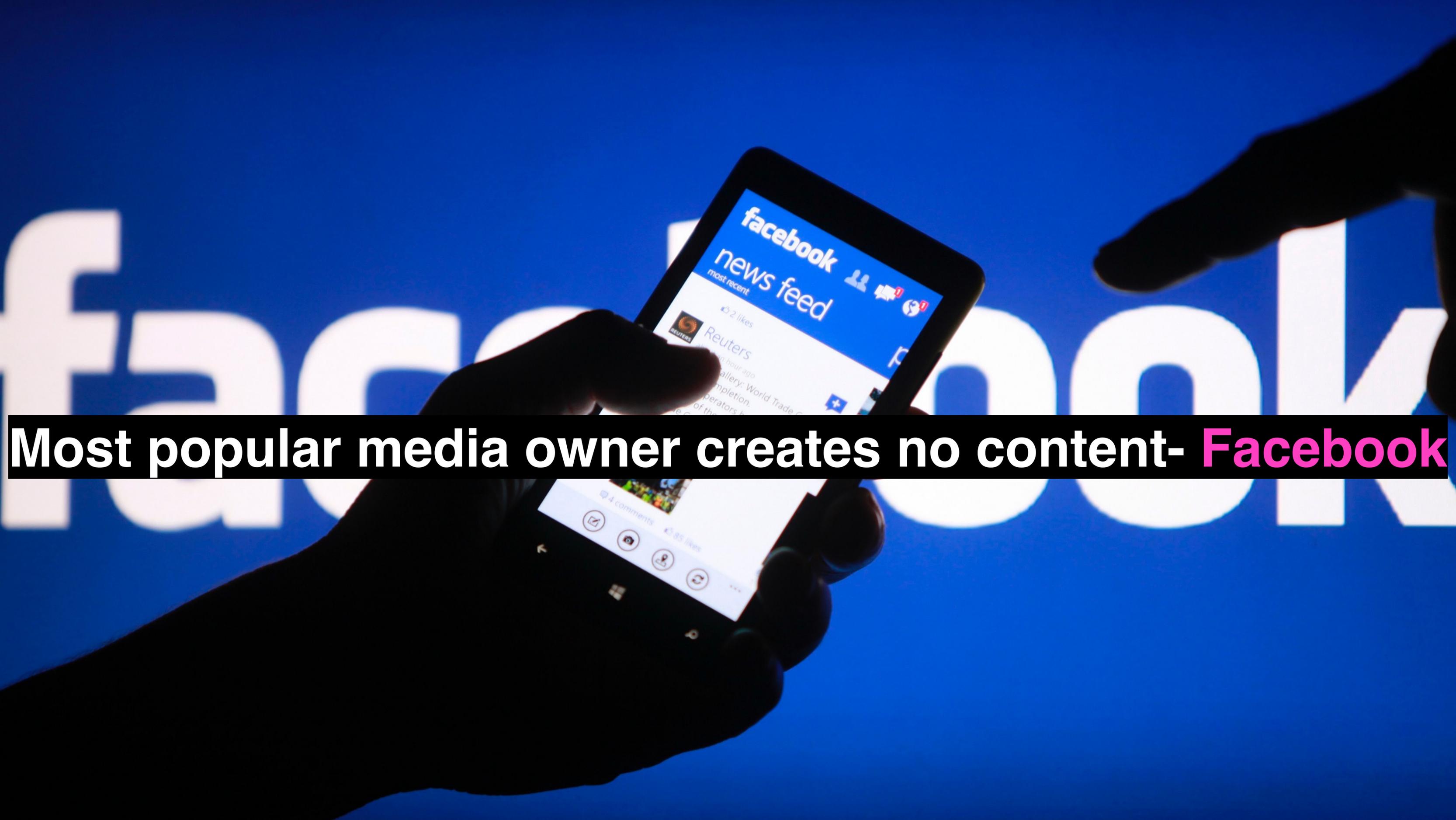


Worlds largest taxi company owns no taxis- Uber

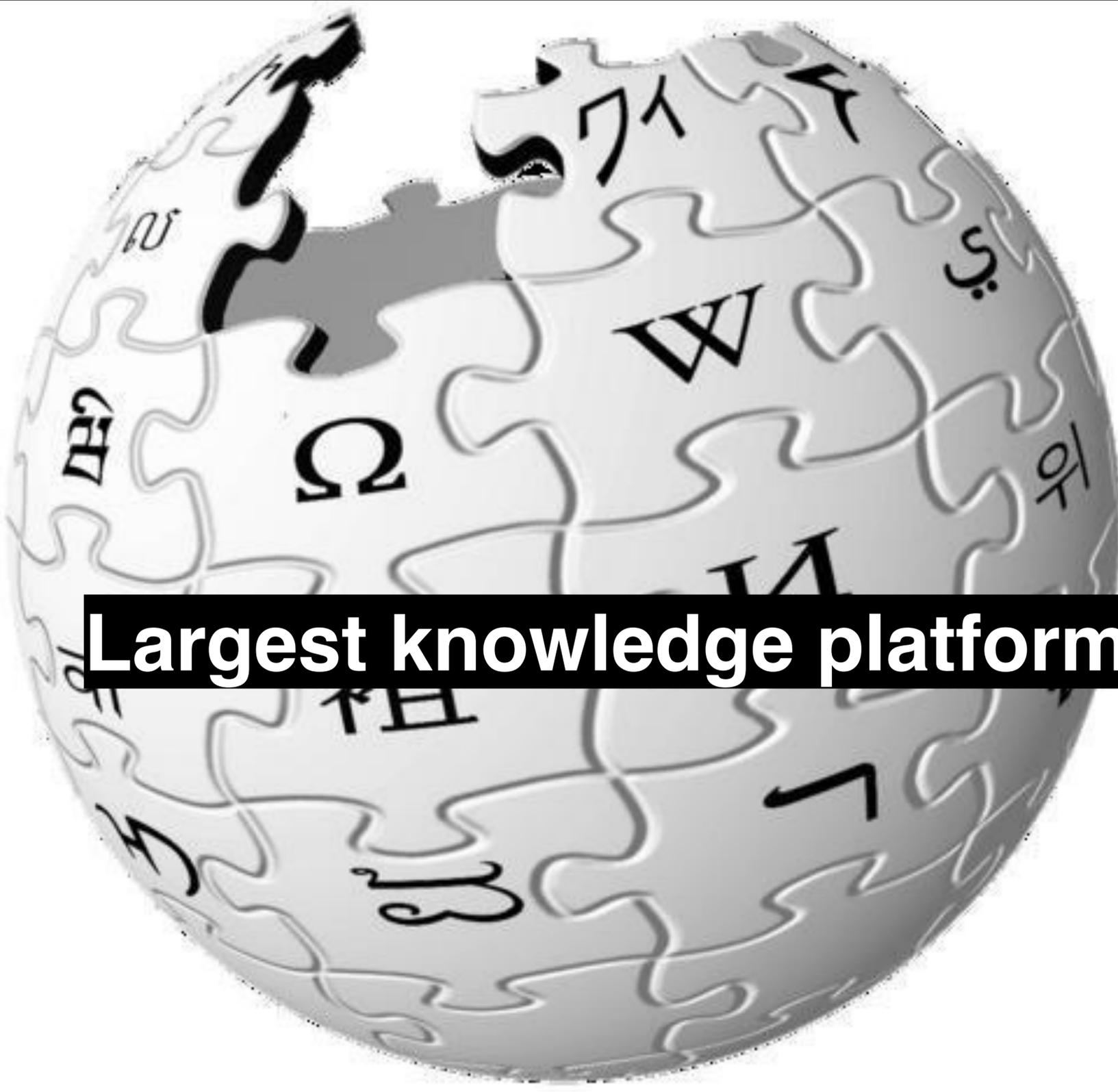


Largest accommodation provider owns no real estate- [Airbnb](#)



A hand is shown holding a smartphone that displays the Facebook news feed. The screen shows the 'facebook news feed' header, a post from Reuters with a '2 likes' count, and a post with '4 comments' and '85 likes'. The background is a large, glowing blue Facebook logo. A black silhouette of a hand is also visible on the right side of the frame, pointing towards the phone.

Most popular media owner creates no content- Facebook



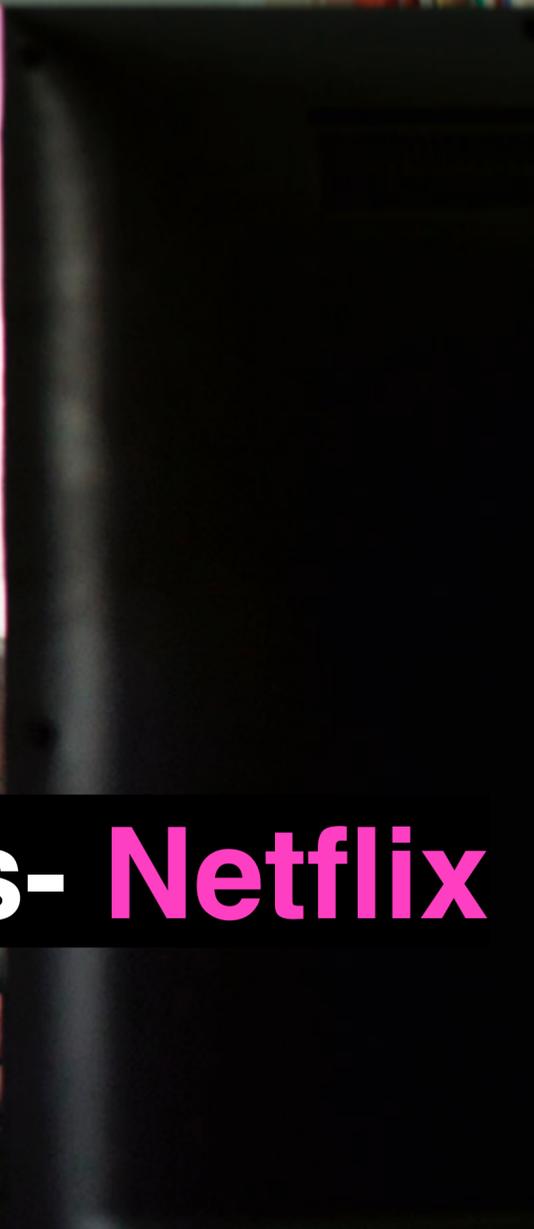
WIKIPEDIA

Largest knowledge platform: crowd generated - [Wikipedia](#)

No contracts. No catch. No worries.

Join the internet TV revolution.

Start Your Free Month



Worlds largest movie house owns no cinemas- Netflix

Learn more about Netflix below



So much to watch



Watch anywhere



Pick your price



No commitments
Cancel online at anytime



Mac

iPad

iPhone

Watch

TV

Music

Support



iPhone 6s



iPhone 6



iPhone 5s



Accessories



Compare

iPhone 6 (S)

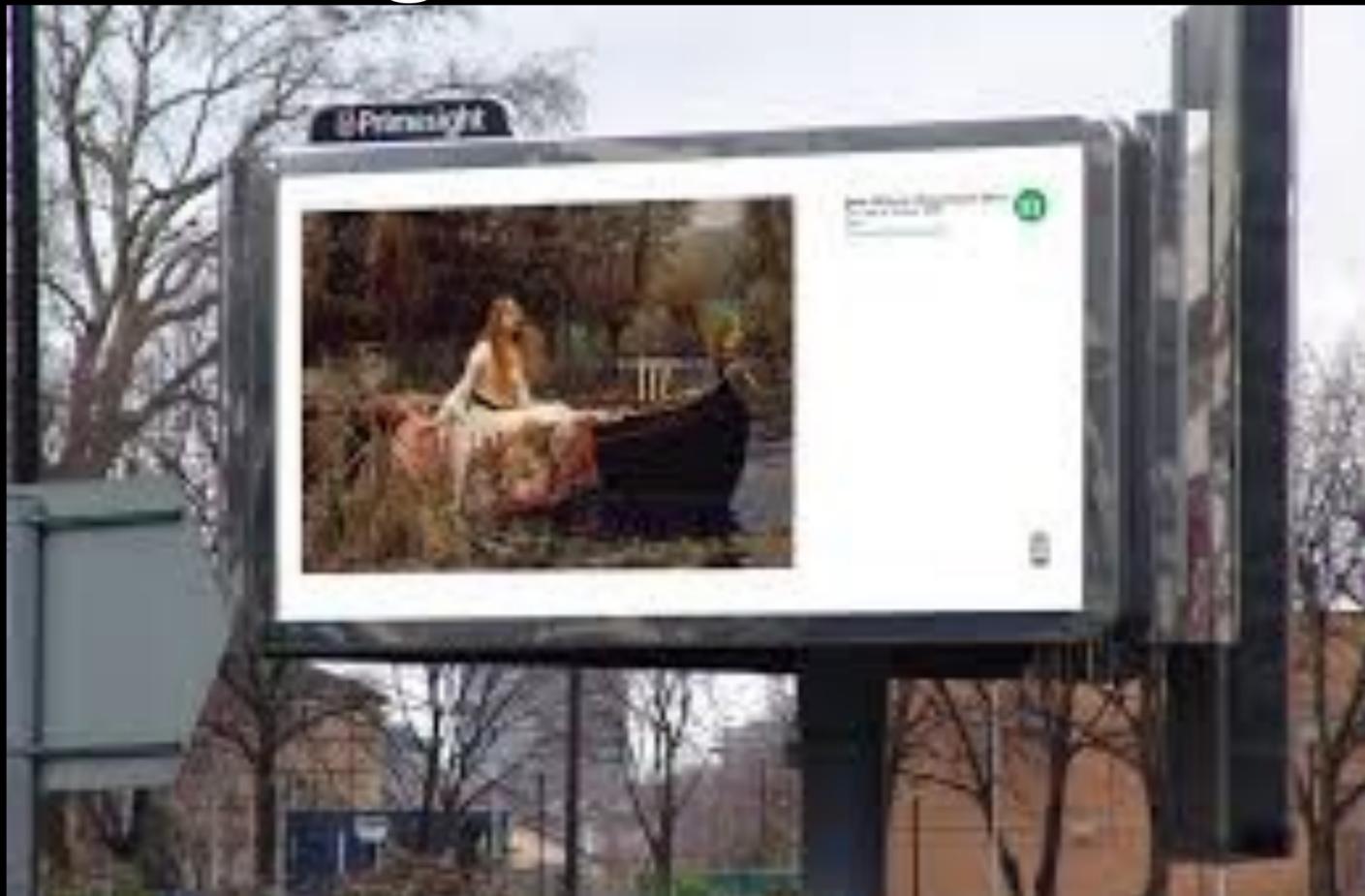
The only thing that's changed is everything.

Largest software vendors don't write apps- Apple & Google





UK's largest art show, not in a gallery- **Art Everywhere**





Moscow metro opens virtual library of Russian classical literature



If the camera decides that too many photos have been taken at your location, it retracts the shutter and blocks the viewfinder.

Artists design Kindergartens as cats





Change in design thinking



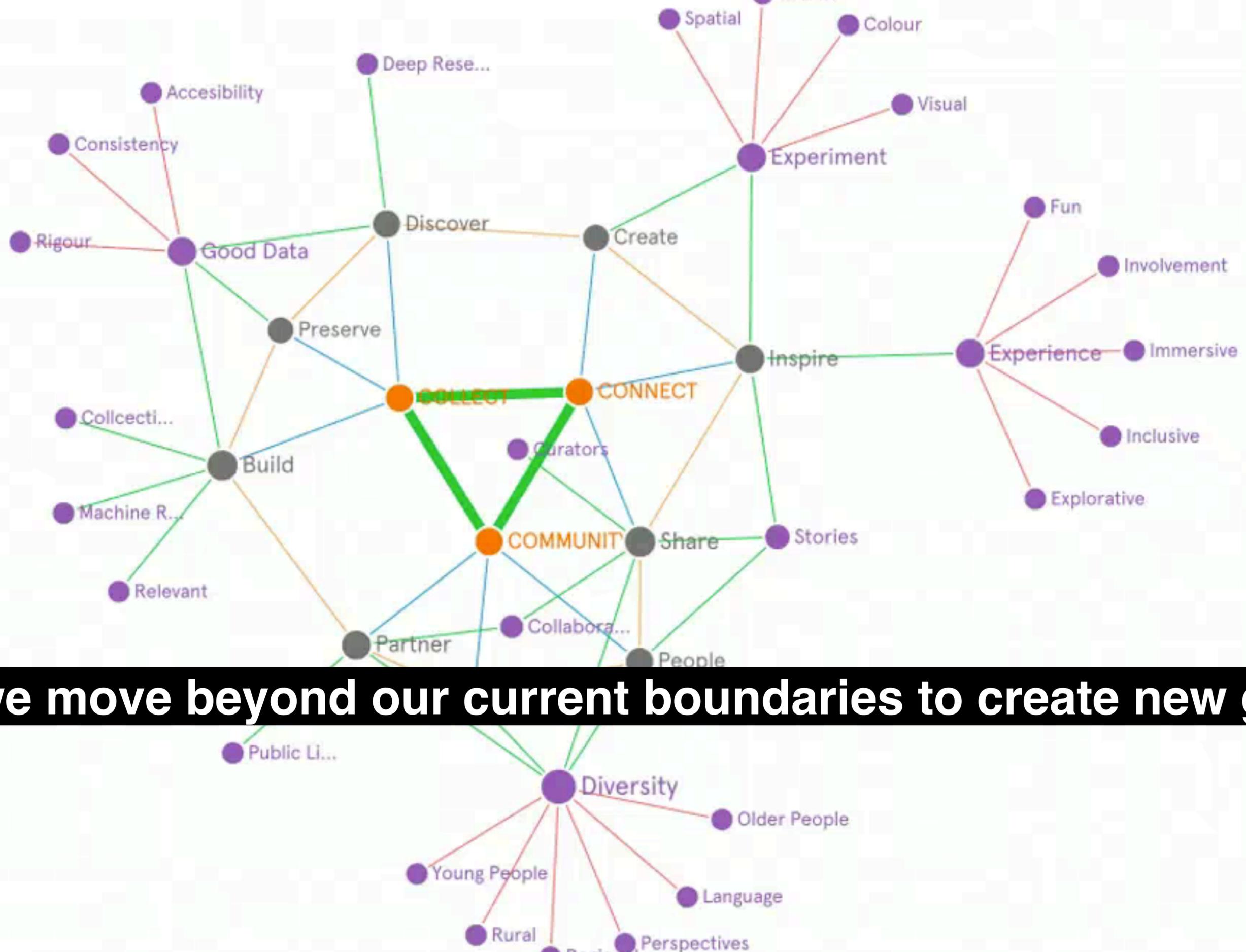
User experience

Design

An open, empty cardboard box is shown from a top-down perspective, lying flat on a dark, textured surface. The box is light-colored, possibly grey or off-white, and its flaps are spread out. The background is dark and appears to be a rough, stone or concrete surface with some small, light-colored debris scattered around. A prominent pink text overlay is centered across the middle of the image.

Apply the thinking into a useful outcome

“Managers who are skilled at executing clearly defined strategies are ill equipped for out-of-the-box thinking” Harvard Business Review



How do we move beyond our current boundaries to create new growth



What does disruptive look like to our people?





What does this look like for a library, gallery or museum?

Mmuseumm has been influenced by the digital age



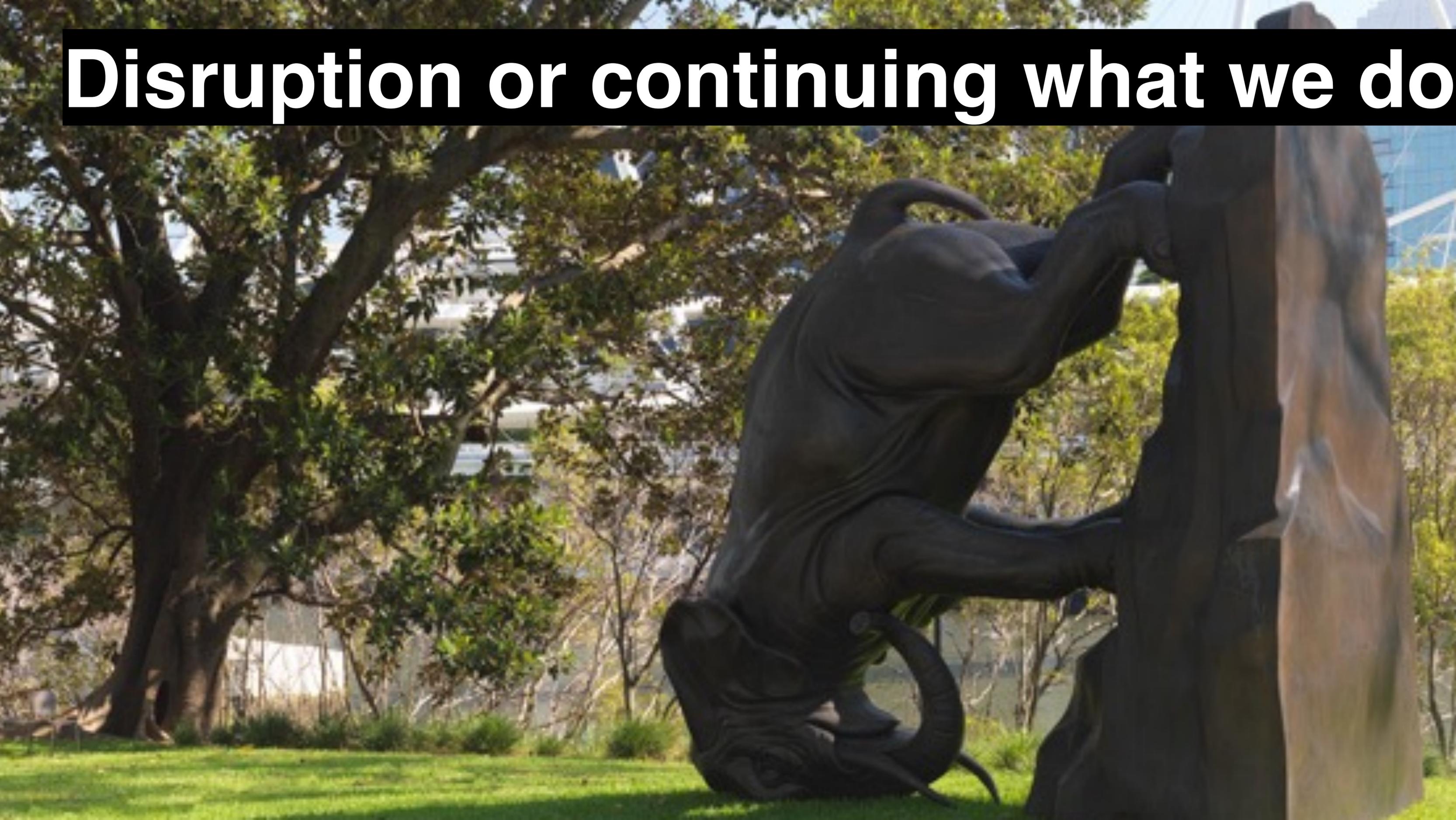


of the new web

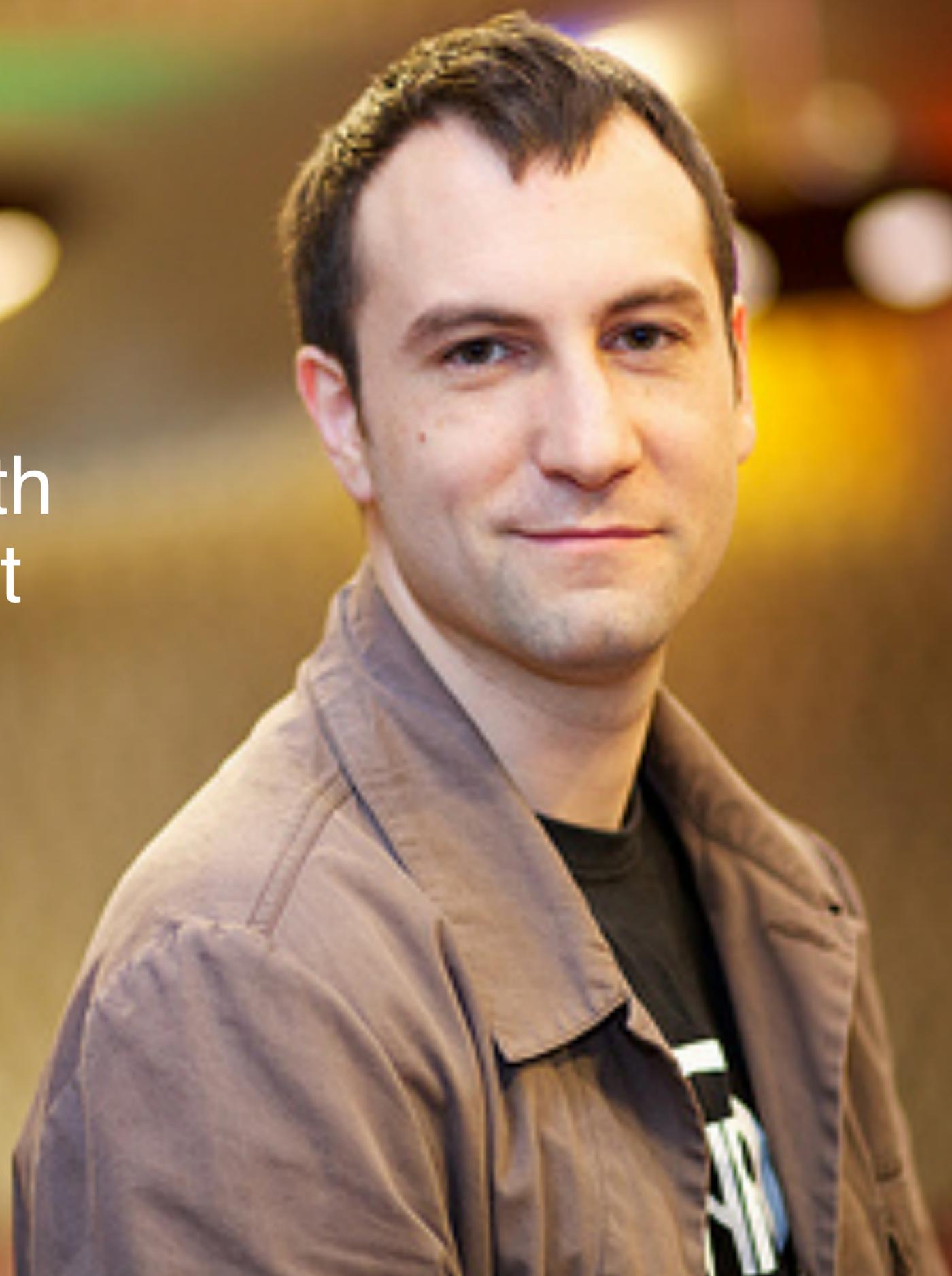


VALUES

Disruption or continuing what we do



“The best thing to do with your data will be thought of by someone else.” – Rufus Pollock of Open Knowledge Foundation



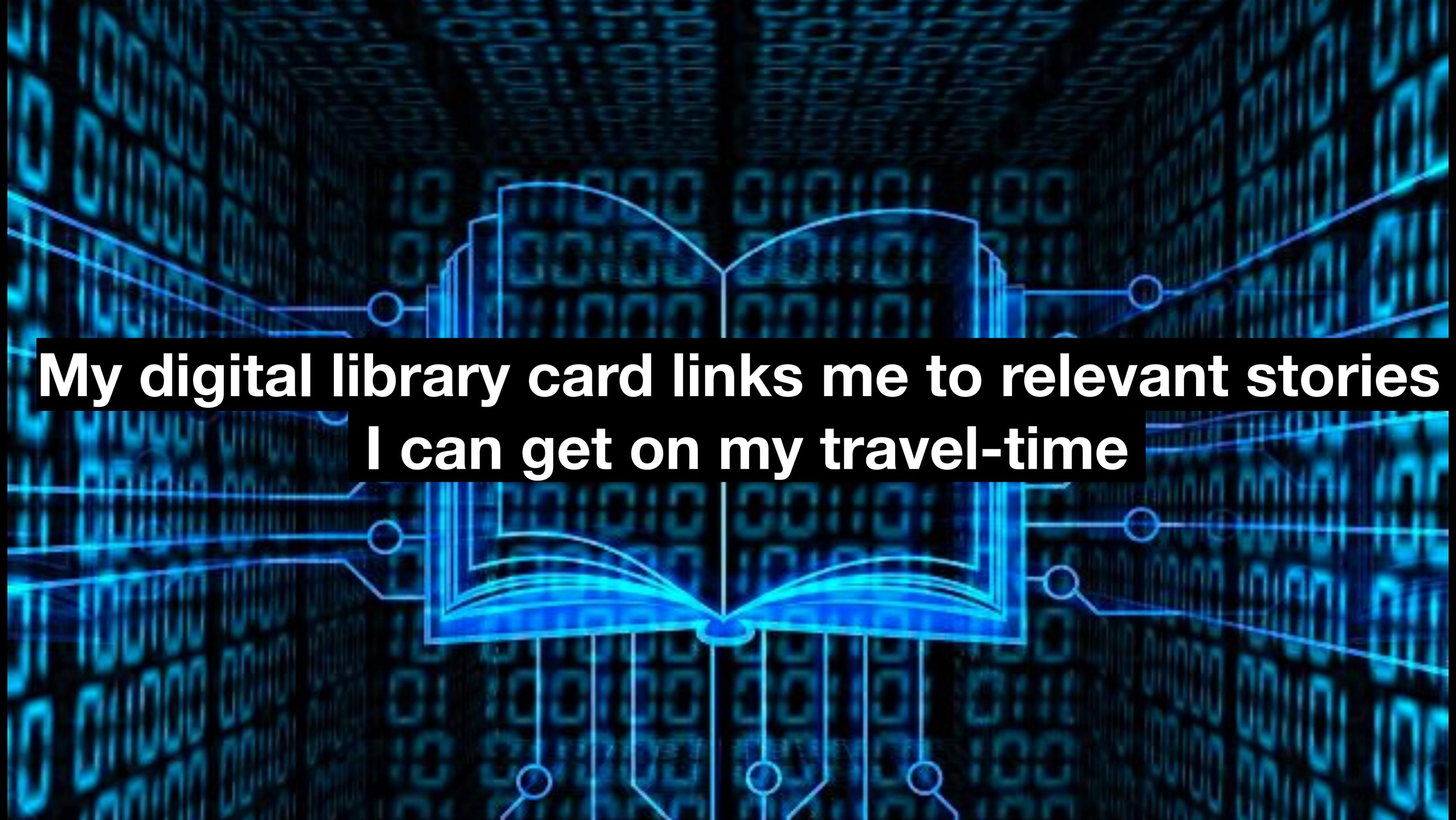
The background image shows a modern library interior. It features curved, multi-level bookshelves filled with books. In the foreground, there are several large digital displays or screens showing various data, possibly related to library services or digital collections. The lighting is warm and focused, creating a sophisticated and tech-oriented atmosphere.

Best library service is unmediated service

What does one library card look like and do?

**The best experiences are the most personalised,
relevant and useful**

The most useful collection is a linked-one

The image features a central glowing blue book icon with a digital, wireframe-like appearance. The book is set against a dark blue background filled with binary code (0s and 1s) and glowing blue lines that suggest a network or data flow. The overall aesthetic is futuristic and digital.

**My digital library card links me to relevant stories
I can get on my travel-time**

FAIL

For innovation to be a success you need to engender a culture of trial and error

HOW

Can we support a culture of R&D

200%



How do we value our people as much as our collections?



A photograph of an Apple Store's exterior. The building features a prominent glass facade with a large, white, illuminated Apple logo in the center. The store is multi-storied, with people visible on upper levels. The ground floor entrance is a glass-walled atrium where a large crowd of people is gathered. A sign above the entrance reads "Book smart. MacBook i". The scene is captured during the day, with reflections on the glass.

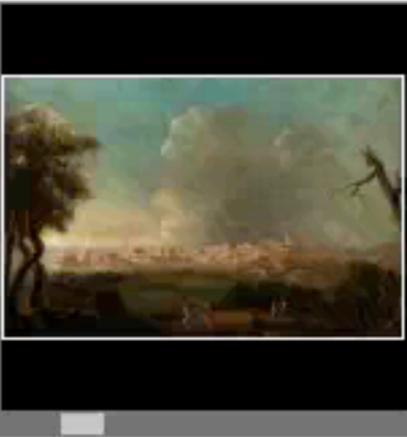
One day a week: what would this do?

Actively participate in networks





Google



We don't always know what we will find- innovation can help us find new things

All areas	
Botanic Gardens	
Bridge Street	
Circular Quay	
Darling Harbour	
George Street	
Martin Place	
Millers Point	
Observatory Hill	
St Mary's Cathedral	
The Rocks	
Woolloomooloo	

Top Topics from 1870 to 2000 - 2446

0	city & town streets	/ 1737
1	jetties & wharves	/ 1564
2	city & town views	/ 1324
3	harbours	/ 1113
4	building construction	/ 988
5	crowds	/ 867
6	botanical gardens	/ 786
7	festivals, celebrations etc.	/ 764
8	bridges	/ 721
9	construction sites	/ 584
10	ocean liners	/ 568
11	ferries	/ 546
12	office buildings	/ 524
13	gymnastics	/ 515
14	official buildings	/ 476
15	fancy dress	/ 476
16	cars	/ 472
17	parks	/ 460

1870
Total Topics / 267
1. harbours 78
2. jetties & wharves 73
3. city & town views 69
4. city & town streets 59
5. sailing ships 53
6. houses 49
7. streetscapes 42
8. ships 36
9. official buildings 32
10. historic buildings 31
11. bays 29
12. panoramic views 28
13. botanical gardens 28
14. post offices 26
15. churches 25
16. hotels & taverns 25
17. terrace houses 23
18. bridges 21
19. schools & colleges 21
20. horsedrawn carts 20
21. shops 19
22. steamships 18
23. banks 18
24. railway stations 17
25. lighthouses 17
26. americans (united states) 17
27. operas 17
28. singers 17
29. theatrical costumes 17
30. buildings, structures & establishments 15
31. portraits 15
32. groups (people) 14
33. parks 14
34. fortifications 13
35. gardens 13
36. monuments & memorials 13
37. horses 13
38. paddle steamers 12
39. courthouses 12
40. markets 12
41. building construction 12
42. warehouses 12
43. scaffolding 12
44. chimneys 11
45. official residences 11
46. unsealed roads 11
47. suburbs 10
48. exhibition halls 10
49. libraries 10
50. theatres & cinemas 10
51. commercial establishments 10
52. fountains 10

1875
Total Topics / 211
1. harbours 59
2. city & town views 51
3. botanical gardens 48
4. jetties & wharves 30
5. houses 27
6. streetscapes 26
7. bays 26
8. ships 24
9. sailing ships 20
10. city & town streets 20
11. official buildings 20
12. exhibition halls 19
13. lighthouses 17
14. churches 16
15. cathedrals 16
16. waterfalls 15
17. fountains 15
18. rivers 14
19. post offices 13
20. monuments & memorials 13
21. statues 13
22. cliffs 12
23. bridges 12
24. panoramic views 10
25. buildings, structures & establishments 9
26. railway lines 9
27. railway stations 8
28. boats 8
29. terrace houses 7
30. customs houses 7
31. entrance gates 7
32. sheep 7
33. universities 7
34. hotels & taverns 7
35. warehouses 6
36. rowing boats 6
37. coasts 6
38. horsedrawn vehicles 6
39. museums 6
40. official residences 6
41. town halls 6
42. garden paths 6
43. fortifications 5
44. hospitals 5
45. bush 5
46. parks 5
47. punts 5
48. synagogues 5
49. commercial establishments 5
50. pavilions 5
51. ponds 5
52. ferry wharves 4

1880
Total Topics / 217
1. botanical gardens 41
2. harbours 31
3. churches 26
4. streetscapes 25
5. horsedrawn vehicles 23
6. cathedrals 22
7. ferries 22
8. city & town streets 21
9. jetties & wharves 20
10. houses 19
11. official buildings 19
12. hotels & taverns 18
13. bays 18
14. parks 18
15. rivers 17
16. ships 17
17. trams 17
18. statues 16
19. city & town views 15
20. museums 14
21. monuments & memorials 14
22. sailing ships 13
23. waterfalls 13
24. commercial establishments 12
25. portraits 12
26. bridges 12
27. town halls 12
28. horsedrawn carts 12
29. railways 11
30. buildings, structures & establishments 10
31. exhibition halls 10
32. paintings 8
33. lighthouses 8
34. railway stations 8
35. shops 8
36. markets 8
37. post offices 8
38. advertisements 7
39. banks 7
40. building construction 7
41. dams & reservoirs 7
42. office buildings 7
43. official residences 7
44. beaches 7
45. hansom cabs 7
46. caves 7
47. butcher shops 6
48. department stores 6
49. display cases 6
50. grocery shops 6
51. reading rooms 6
52. stock exchanges 6

1885
Total Topics / 177
1. botanical gardens 24
2. harbours 20
3. city & town streets 17
4. city & town views 16
5. jetties & wharves 16
6. ships 14
7. post offices 11
8. parks 10
9. hotels & taverns 9
10. houses 9
11. statues 9
12. buildings, structures & establishments 8
13. panoramic views 7
14. streetscapes 7
15. bridges 7
16. hansom cabs 7
17. woolstores 7
18. crowds 7
19. town halls 6
20. bays 6
21. ferries 6
22. portraits 6
23. shops 6
24. lakes 6
25. outdoor ornaments & furniture 6
26. official residences 5
27. sailing ships 5
28. pavilions 5
29. clock towers 5
30. hospitals 5
31. military parades 5
32. official buildings 4
33. banks 4
34. horsedrawn carts 4
35. parliamentary buildings 4
36. building construction 4
37. streetlights 4
38. churches 4
39. roads & streets 4
40. waterfalls 4
41. maoris 3
42. monuments & memorials 3
43. bush 3
44. gardens 3
45. arrivals & departures 3
46. campaigns & battles 3
47. christmas cards 2
48. drays 2
49. gasometers 2
50. cable tramways (ground) 2
51. cathedrals 2
52. coaches (horsedrawn) 2

1890
Total Topics / 253
1. city & town streets 4
2. city & town views 4
3. jetties & wharves 3
4. post offices 34
5. botanical gardens 3
6. horsedrawn vehicles 3
7. houses 27
8. gas lamps 27
9. official buildings 25
10. portraits 24
11. clock towers 24
12. sailing ships 23
13. bridges 22
14. harbours 22
15. parks 20
16. statues 19
17. hansom cabs 18
18. power & telegraph 18
19. banks 15
20. building construction 15
21. churches 15
22. fountains 15
23. strikes 15
24. wool wagons 15
25. streetscapes 14
26. office buildings 13
27. roads & streets 13
28. town halls 13
29. restaurants, cafes 13
30. shops 13
31. cathedrals 12
32. processions 12
33. hotels & taverns 12
34. fortifications 12
35. bays 11
36. colonial architecture 11
37. waterfalls 11
38. ferries 10
39. hospitals 10
40. rivers 10

Trove Search

N = Digitised newspapers and more

P = Picture

S = Music, sound and video

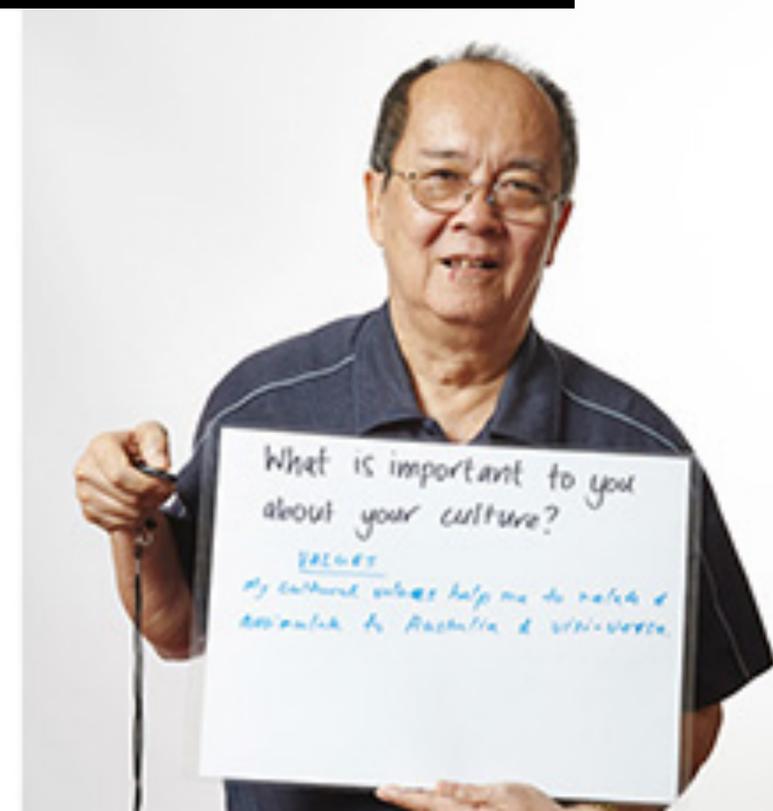
M = Map

C = Diaries, letters, archives

B = Book



Open data, open government

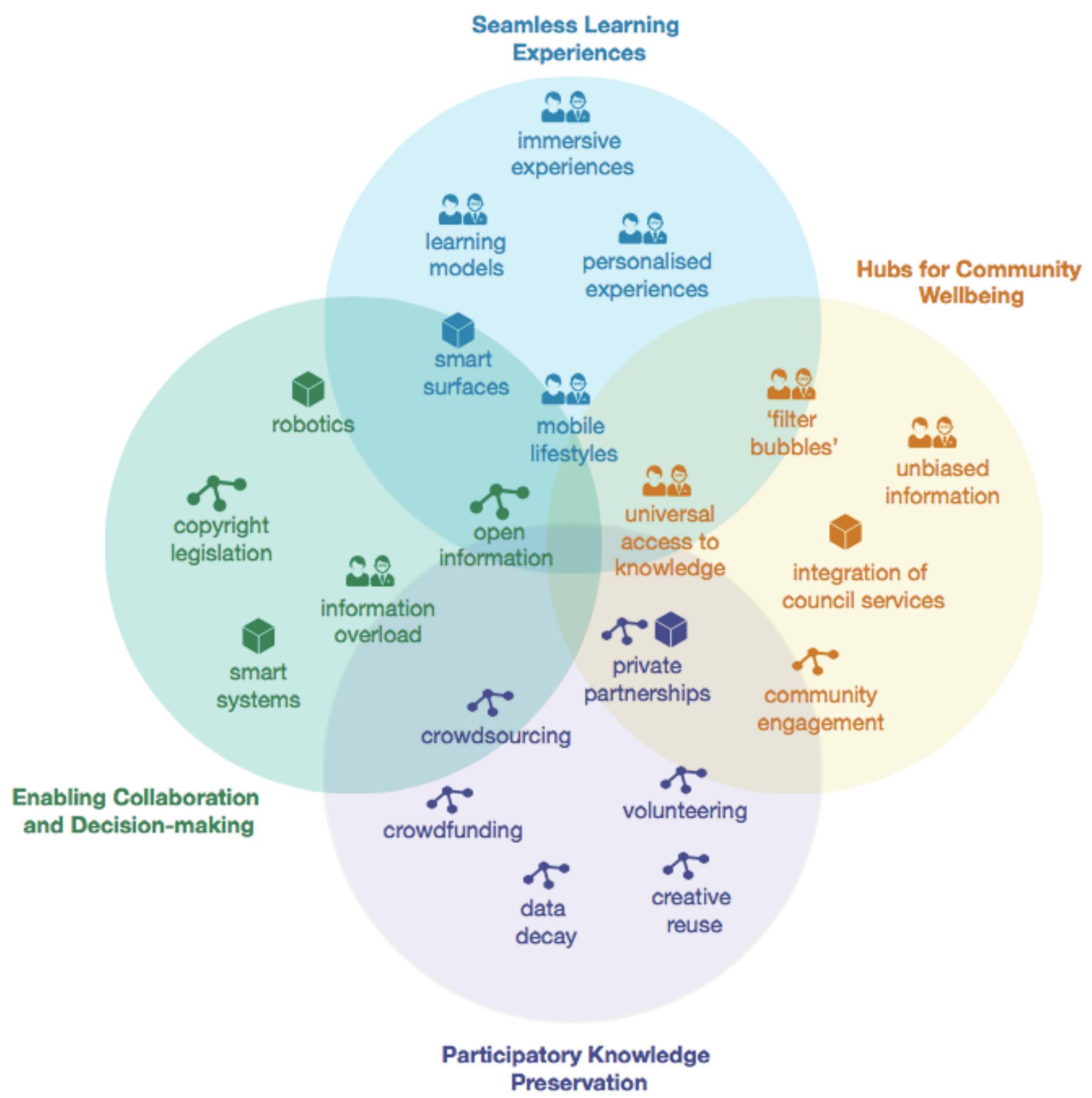


#Whatlibrariesdo

**STAY
STRONG
FERGUSON

WE ARE
FAMILY**





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Thank you

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