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BIARRR 2022 WORKSHOP - 14-03-2022 - ACM CHIIR 2022

# Interactive Social Book Search Data as Reusable Resource

#BIARRR2022

THE NATIONAL BEST SELLER  
FIVE MONTHS ON THE NEW YORK TIMES BEST SELLER LIST

# GOODBYE, DARKNESS

A Memoir of the Pacific War



WILLIAM  
MANCHESTER

Best-selling author of AMERICAN CAESAR

DELL 3110 \$3.95

183 of 191 people found the following review helpful

★★★★★ **Poetic and Haunting**, July 14, 2003

By [Rodney J. Szasz "GESS INTERNATIONAL. Rod Szasz"](#) (Tokyo, Japan Japan) - [See all my reviews](#)

REAL NAME

**This review is from:** [Goodbye Darkness: A Memoir of the Pacific War \(Mass Market Paperback\)](#)

If one could read two accounts of the Pacific War written from the perspective of Americans this book and Sledges "With the Old Breed at Peleliu and Okinawa" would be the best that one can get. There are a lot of very good narrative history books on all aspects of the Pacific War, but the poet-gone-to-war genre is something that really the British usually do much better than the Americans. That is why when I stumbled upon Manchester's memoirs I was immediately sucked into the guts of wartime experience.

Manchester writes with passion borne from desperation and experience of long times in the firing line. He waxes from the lyrical experiences of a fireside chat on the battle-line with a student of philosophy (himself?) regalling the troops with an exposition on the nature of time. One is left with the images of hard worn veterans from small American towns, experiencing the wonder of ideas for the first time on the eve of battle. Their far off, empty stares as the philosopher marine finishes his exposition in sheer silence is something that one can almost feel. That very same night they cut up a large Banzai charge on Guam --- one can cut the atmosphere of the book with a knife.

Manchester can then go on and describe his visceral uncomfortable feelings of being close to the Japanese today. Their inability to admit to former atrocities is something that Manchester admits, planted the seed of dislike deeply inside him. Try as he might he cannot shake it and we are at least amazed with his honesty. This contrasts with the cerebral, fair-minded Manchester we all know from his biographies.

I have read more than 200 narrative histories and memoirs of the Pacific War, British, American, Japanese, Indian and Chinese, Australian, Canadian ... and this is one of the best. Like all good books, it stays with you for a long time....

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## Politics of Multiculturalism Recommendations?

### Political Philosophy

11 messages | [★ Star this topic](#) | [✕ Ignore topic](#) | [↓ Jump to bottom](#) (0 unread)

1 [steve.clason](#)


Sep 26, 2010, 11:32pm 

I'm new, and would appreciate any recommended reading on the politics of multiculturalism. Parekh's [Rethinking Multiculturalism: Cultural Diversity and Political Theory](#) (which I just finished) in the end left me unconvinced, though I did find much of value I thought he depended way too much on being able to talk out the details later. It may be that I found his writing style really irritating so adopted a defiant skepticism, but still...

Anyway, I've read Sen, Rawls, Habermas, and Nussbaum, still don't feel like I've wrapped my little brain around the issue very well and would appreciate any suggestions for further anyone might offer.

[Reply](#) | [More](#)

2 [rsterling](#)

Edited: Sep 27, 2010, 1:31am 

Will Kymlicka's [Multicultural Citizenship](#) is one of the key works within this literature, and his later work has built on but also modified his argument there. See his author page [here](#). I think his latest ones are [Multicultural Odysseys](#) and [Politics in the Vernacular](#).

#### Group: Political Philosophy



212 members

87 messages

You are not a member of this group.

#### About

This topic is not marked as primarily about any work, author or other topic.

[Add...](#)

#### Touchstones

##### Works

[Rethinking Multiculturalism: Cultural Diversity and Political Theory](#) by Bhikhu Parekh

[Multicultural Citizenship](#) by Will Kymlicka

[Multicultural Odysseys](#) by Will Kymlicka

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# INTERACTIVE SOCIAL BOOK SEARCH 2014-2016

- ▶ Understand how users interact with different types of metadata and user generated content
- ▶ Feed insights and interactions into system-centric task
  - e.g. queries and clicks for batch evaluation (reuse)
- ▶ Reuse CHiC Interactive exp. system and protocol
  - ▶ focus on identifying search stages
- ▶ Two years of data (2015+2016, trial in 2014)

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# Research Questions

- ▶ What kind of research questions can be addressed with the iSBS data?
- ▶ What are differences between the data sets of the two years, 2015 and 2016?
- ▶ What questions does combining allow that analysing them separately doesn't?
- ▶ What are the limitations for analysing the combined set?

# iSBS Resources

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# Research Design

- ▶ Multiple research groups (9 in total)
  - ▶ developed shared RQs
  - ▶ collaborated on recruiting participants
- ▶ Gather data that address shared RQs
  - ▶ questionnaires and user interactions with SBS system
- ▶ Experimental procedure
  - ▶ Recruitment
  - ▶ Tasks
  - ▶ Experiment flow

# Baseline interface – results view

Quick links have been suspended

Search


Book bag

### Filter by Topics

Arts & Culture	20117
Literature & Fiction	24,111
Children's Books	4,007
History	21,900
Reference	197,97
Education & Technical	10,118
Children's eBooks & Audiobooks	10,118
Business, Law, Government	
Religion & Spirituality	17,011
Science, Technology	17,011
Lifestyle & Health	12,271

### Filter by User tags

Public	11,000
Academic	11,000
Text	11,000
Library	11,000
Doc	17,000
Fiction	10,000
Lib	14,110
Novel	12,000
PDF/EPUB	11,000
Handbook	10,000



### Dialogues

by Glenn Feldman


★★★★★

[Description](#) [Publications](#) [Reviews](#) [Tags](#)

#### Product Description

In the most accessible and personal of his works, Feldman explores through a series of discussions with Glenn Feldman, such as how to cope with his own philosophical background and self-development, the central themes of his work, and some of his relationships, as he explores his long personal journey with the philosopher Friedrich Nietzsche.

[Save to Book Bag](#)




### The Sleepwood Scandals Volume 7 (Mr Rushford's Honour AND An Unlikely Suitor)

by Vicky Atkinson, Nicola Durrant

[Description](#) [Publications](#) [Reviews](#) [Tags](#)

Type	Fiction	Published in	Horizon Mills & Lind
Price	£0.00	ISBN	CONTACT

[Save to Book Bag](#)



### Democracy With a Revolver: Technocratic Revolution in Mexico

by Vicky Atkinson

[Description](#) [Publications](#) [Reviews](#) [Tags](#)



# Multistage interface – *Browse* view

## Your Task ?

No task has been specified

**Browse**

Search

Book-bag (0)

## Topics

Arts & Photography	85651
Biographies & Memoirs	93275
Business & Investing	96764
Children's Books	228534
Computers & Internet	52626
Contemporary	163143
Cooking, Food & Wine	30026
Entertainment	88481
<b>Europe</b>	<b>72208</b>
Travel	14783
Health, Mind & Body	117823
Historical	53686
History	213660
History & Criticism	83687
Home & Garden	63054
Literature & Fiction	340744
Mystery & Thrillers	68852
New & Used Textbooks	128860
Nonfiction	351701
Professional & Technical	189348
Reference	190497

## Europe

 <a href="#">The British Labour Party and Defense (The Washington Papers)</a>	
 <a href="#">The Material Culture of Sex, Procreation, and Marriage in Premodern Europe</a>	
 <a href="#">The Princes of Ireland: The Dublin Saga (Rutherford, Edward (Large Print))</a>	★★★★☆
 <a href="#">The Lost Painting: The Quest for a Caravaggio Masterpiece</a>	★★★★☆
 <a href="#">History of the Methodist Church in Great Britain, Vol 2</a>	
 <a href="#">The Theory and Practice of Revolt in Medieval England</a>	
 <a href="#">Why Europe? The Rise of the West in World History 1500-1850</a>	
 <a href="#">Napoleon as Military Commander (Classic Military History)</a>	★★★★☆
 <a href="#">Hitler's Sky Warriors: German Paratroopers in Action, 1939-1945</a>	★★★★☆
 <a href="#">Carl and Karin Larsson Creators of the Swedish Style</a>	★★★★★
 <a href="#">Edge of Time: Traveling in Armenia and Karabagh</a>	★★★★☆
 <a href="#">The Last Voyage of the Ss Henry Bacon</a>	★★★★★
 <a href="#">The Houses of Hanover and Saxe-Coburg-Gotha</a>	★★★★☆
<a href="#">The Somme: Heroism and Horror in the First World War</a>	★★★★☆
 <a href="#">Thucydides: History IV-V.24 (Classical Texts) (Bk. 4)</a>	
 <a href="#">The Irish: A Treasury of Art and Literature</a>	
 <a href="#">Seeing Europe With Famous Authors: Great Britain and Ireland Book 1</a>	
 <a href="#">Fifty Dead Men Walking: The Heroic True Story of a British Secret Agent Inside the IRA</a>	★★★★☆
 <a href="#">London in the Sixties</a>	
 <a href="#">The Pope's Daughter: The Extraordinary Life of Felice della Rovere</a>	★★★★☆
 <a href="#">The Reluctant Emperor: A Biography of John Cantacuzene, Byzantine Emperor and Monk, c. 1295-1383</a>	★★★★★

# Multistage interface – Search view

No task has been specified

Browse

Search

Book-bag (0)

Everything

Search

## Filter by Topics

Nonfiction	351701
Literature & Fiction	340744
Children's Books	228534
History	213660
Reference	190497
Professional & Technical	189348
Children's Fiction or Nonfiction (feature_four_browse-bin)	182532
Religion & Spirituality	172018
Social Sciences	170581
United States	164751

## Filter by User tags

Fiction	312990
Non-fiction	311246
Read	225682
Unread	218978
Own	176849
History	160878
Tbr	143190
Novel	126069
Paperback	119809
Reference	92616



Save to book bag

## Dialogues

by Claire Parnet



Description Publication 1 Review 16 Tags

### Product Description

In the most accessible and personal of his works, Deleuze examines -through a series of discussions with Claire Parnet -such revealing topics as his own philosophical background and development, the central themes of his work, and some of his relationships, in particular his long association with the philosopher Félix Guattari.



Save to book bag

## The Steepwood Scandals Volume 7 (Mr Rushford's Honour AND An Unlikely Suitor)

Unrated

by Meg Alexander; Nicola Cornick

Description Publication No reviews 3 Tags

Type	Paperback	Published by	Harlequin Mills & Boon
Pages	501	ISBN	0263855015

# Multistage interface – *Book-bag* view

**Your Task** ?

No task has been specified

**Browse** **Search** **Book-bag (2)**

**Your Books** ? **Books with similar user tags as "The Steepwood Scandals Volume 7 (Mr Rushford's Honour AND An Unlikely Suitor)"**

**The Steepwood Scandals Volume 7 (Mr Rushford's Honour AND An Unlikely Suitor)**  
by Meg Alexander; Nicola Cornick

Remove

Add a note

Books with similar Titles  
Books by the same Author  
Books with similar Topics  
Books with similar User Tags

**Dialogues**  
by Claire Parnet

Remove

Add a note

Books with similar Titles  
Books by the same Author  
Books with similar Topics  
Books with similar User Tags

A Dark Champion (Brotherhood of the Sw... ★★★★★

No Regrets ★★★★★

The Duke's Downfall

Under The Wishing Star ★★★★★

The Captain's Mermaid (Zebra Regency ... ★★★★★

An Honorable Match (Zebra Regency Ro... ★★★★★

Fourth Season ★★☆☆☆

Charming Imposter (Regency Romance)

A Lasting Attachment (Romantic Interludes) ★☆☆☆☆

A Highly Respectable Widow (Signet)

← Previous Page 1 - 10 of 581401 Next Page →

# Data Sets

- ▶ experiment flow captured in four files
  - ▶ responses, interactions (cleaned & raw), bookbag

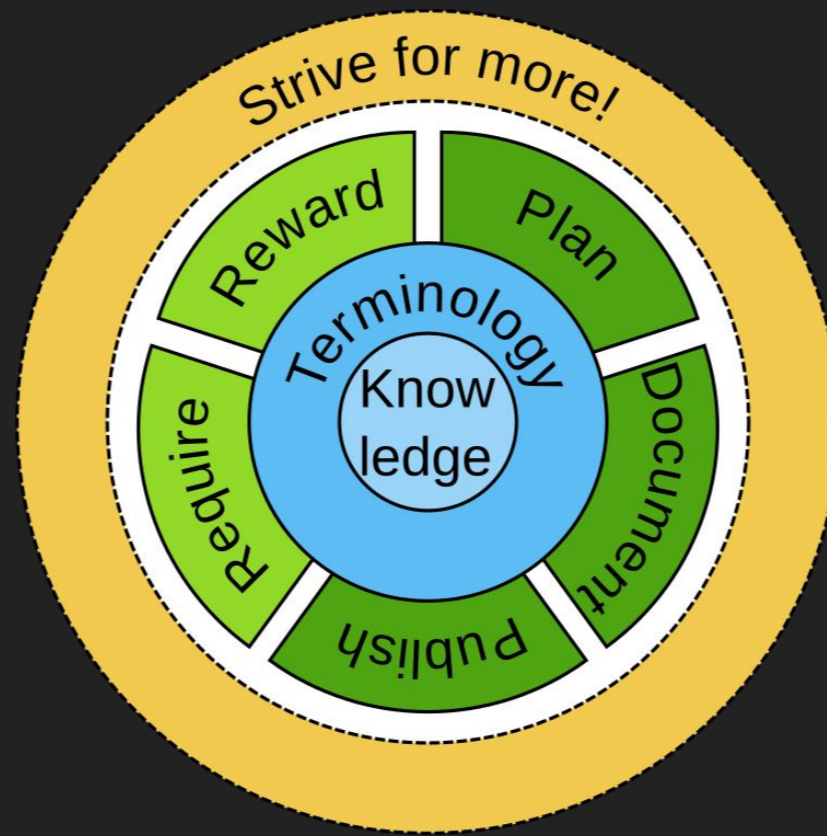
<b>Description</b>	<b>Combined</b>	<b>2015</b>	<b>2016</b>
Participants	306	195	111
Tasks performed	590	390	200
Baseline	196	196	0
Multistage	394	194	200
Interactions	28,779	17,197	11,582
Bookbag items	2,871	2,029	842

**Table 1: Descriptive statistics of the iSBS data sets.**

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# Potential Research Questions

- ▶ Investigate exploratory browsing behaviour
- ▶ Book search and user engagement
- ▶ Book search behaviour in standard interface
- ▶ Book selection (what books do people pick?)
- ▶ Combining browse and search modalities
- ▶ Influence of within/between conditions
- ▶ Language influences



# Applying the Information Interaction & Retrieval Manifesto

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# Principle 1: Explicating Implicit Knowledge

- ▶ Participants in lab or online/remote
  - ▶ Several research groups recruited participants in lab
  - ▶ Lab situations differ, but not all groups documented setup

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# Principle 2: Defining Terminology

- ▶ **Stages** in search process, **mix** of models and terminology
  - ▶ ISP Models: Ellis (1989), Kuhlthau (1991), Vakkari (2001),
  - ▶ Book Selection Models: Goodall (1989), Reuters (2007), Sheldrick Ross (1999, 2000), Saarinen & Vakkari (2013)
- ▶ **Baseline vs. Multistage** interface



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# Principle 3: Plan the Data Life-Cycle

- ▶ Experiments designed with long-term goal of sharing
- ▶ Data collection
  - ▶ Adheres to UK Data Protection Act 1998
  - ▶ Ethics approval, explicit consent from participants
  - ▶ Participants could request removal of their data
- ▶ External Driver (University-level ethics processes) resulted in a well-planned data life-cycle

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# Principle 4: Documenting Data Sets

- ▶ Extensive, **structured** documentation
- ▶ **What we couldn't document**
  - ▶ book collection description
  - ▶ technical details on software and infrastructure
  - ▶ exact questions to elicit participant responses

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# Principle 5: Archiving

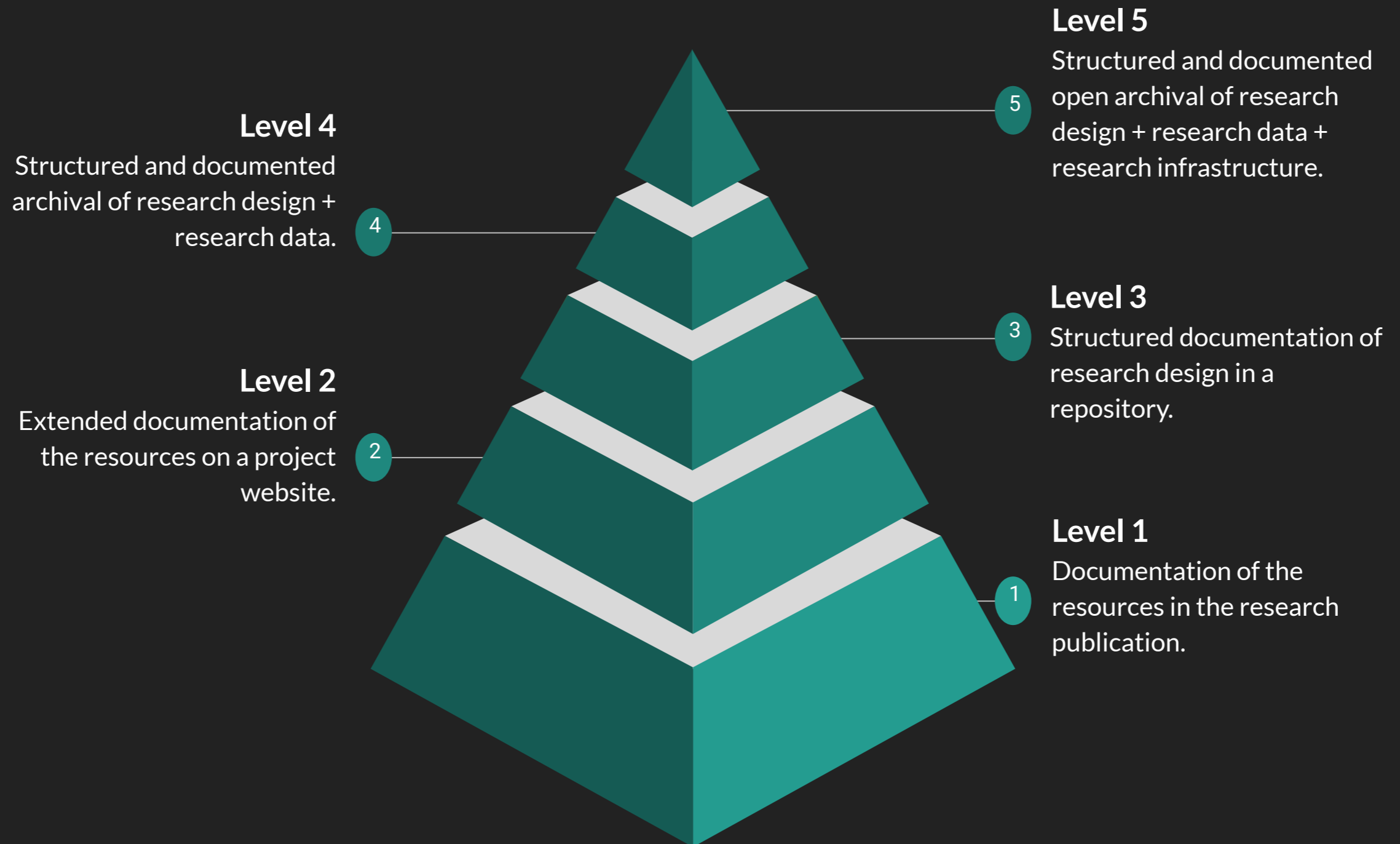
- ▶ Datasets published
  - ▶ CC-BY-NC-4.0
  - ▶ <https://doi.org/10.21954/ou.rd.16826026.v1>
  - ▶ via Open University library
  - ▶ CSV and JSON formats, files per year
  - ▶ Documentation in PDF and LaTeX

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# Limitations

- ▶ Dataset availability
  - ▶ Collection of 2.8 million book descriptions is no longer distributed
- ▶ Pre-/Post-task questions
  - ▶ exact phrasing is no longer available
- ▶ Differences between 2015 and 2016
  - ▶ 2015 had single experiment instance
  - ▶ 2016 had one per research group
  - ▶ differences in balancing participants across conditions

# Five Levels of IIR Resource Re-Use



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# Level of Documentation

- ▶ Some of our documentation is at level 4
  - ▶ but some is missing, so not even level 1
  
- ▶ How do we label the documentation level in this scenario?

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# Experience Applying The Manifesto

- ▶ The principles are a good guide for documenting
- ▶ Not covered
  - ▶ Differences in documentation levels
  - ▶ The ravages of time
  - ▶ What and how to document

THANK YOU!

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QUESTIONS?