Let's build the future of libraries together:

The strategic move of the Complutense Library towards global cooperation.

JAVIER GARCÍA GARCÍA

DEPUTY DIRECTOR OF LIBRARY PROCESSES AND SERVICES

UNIVERSIDAD COMPLUTENSE MADRID (UCM)

Javier García García

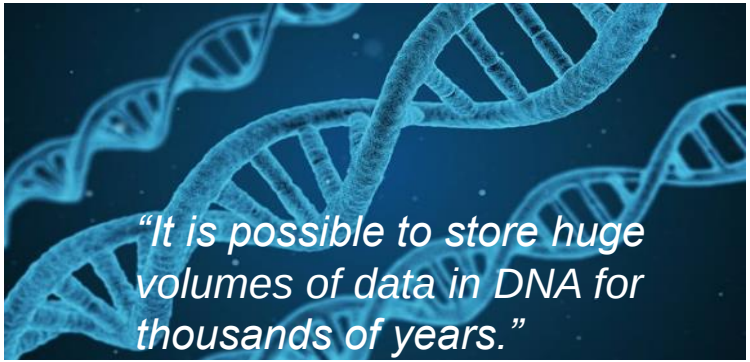
Deputy Director of Library Processes and Services

(Universidad Complutense Madrid)

The library of the future…

OCLC

Foresights of “the gurus”



https://www.bbc.com/news/science-environment-21145163

https://pixabay.com/es/medicina-la-biolog%C3%ADa-healthcare-adn-163707/

Will there be DNA-libraries in the future?

“In 50 years' time libraries are poised to become all-in-one spaces for learning, consuming, sharing, creating, and experiencing. People will come to see libraries as places to create the future, not just learn about the present.“

D. Pescovitz. Institute for the Future

https://www.businessinsider.com/libraries-of-the-future-2016-8?IR=T

http://www.museivaticani.va/content/museivaticani/es/collezioni/musei/stanze-di-raffaello/stanza-della-segnatura/scuola-di-atene.html#&gid=1&pid=1

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Technology

https://www.flickr.com/photos

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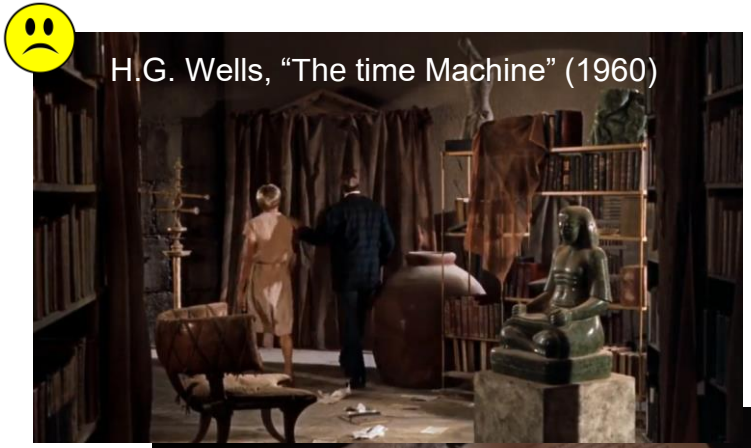
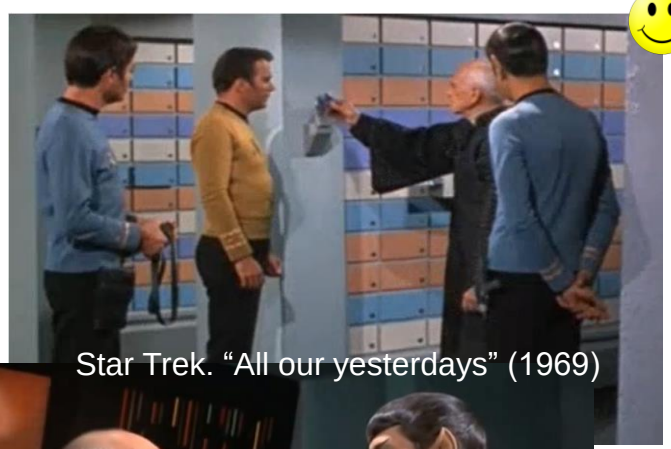
Science fiction insights



https://www.youtube.com/watch?v=GbTz7EZFs7s



https://www.youtube.com/watch?v=HtE39jPMI3E

«The future is intrinsically uncertain» (Ilya Prigogine, 1997)

Some forecasts about near future…

"In ten years' time, if we were to go and look at university and college libraries, we wouldn't recognize them. I would say, many of them won't exist in the physical state that they do now"

2009, Jisc Report. Libraries of the future. Sarah Porter, Head of Innovation, JISC https://www.youtube.com/watch?v=UjoJd_uN-7M)

"In ten years e-books will surpass traditional print books"

Most extended opinion of experts.
Macro-sample of the Frankfurt Book Fair 2008

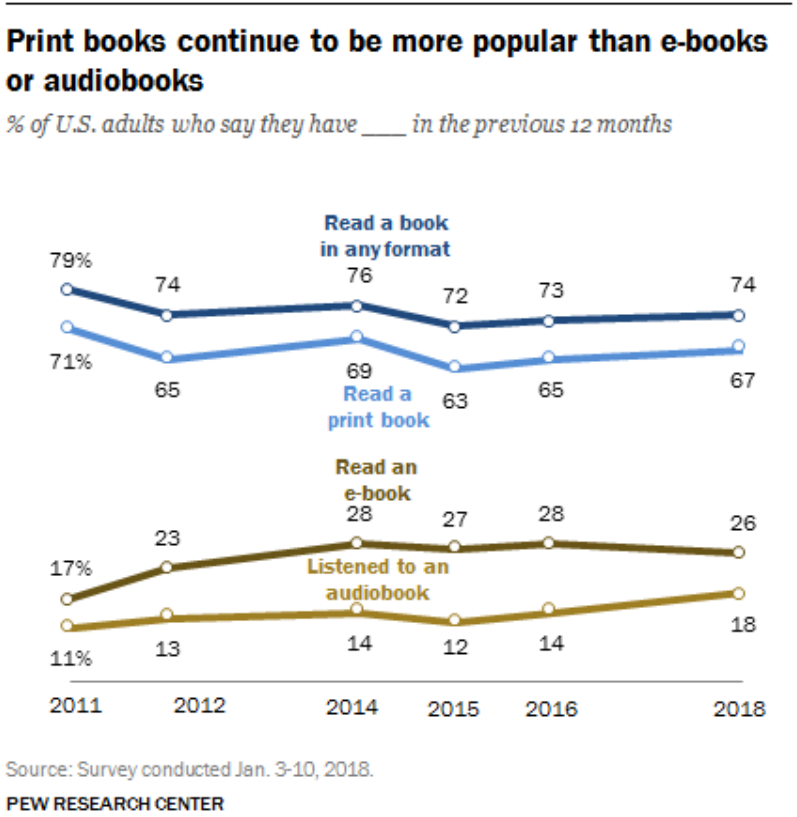
In 2014-16 it was predicted that e-books in the US would surpass print books in 2018

(AppleWord.Today)

During the first half of 2018 in the US, compared to 2017:

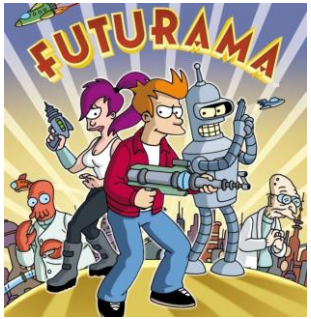
- *e-books dropped by 4%*
- *adult non-fiction print book sales increased by 4%*

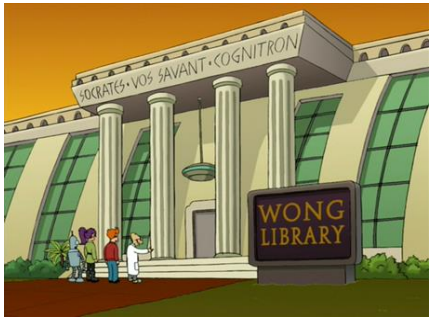
(NPD Group)

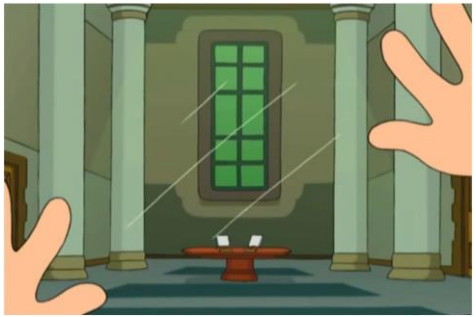


http://www.pewresearch.org/fact-tank/2018/03/08/nearly-one-in-five-americans-now-listen-to-audiobooks/ft_18-03-07_bookreading_printbooks/

Mars University, founded in 2636, will have the largest library collection in the universe.







https://www.youtube.com/watch?v=hrxKRsCjZys

https://en.wikipedia.org/wiki/Phonograph

In 1894 Octave Uzanne announced the imminent end of printed books due to the invention of the phonograph, arguing that it would be much more comfortable to listen to books than to read them…

So…, no, definitely we can't trust our forecasts about the future!

«The best way to predict the future is to create it.»
(Abraham Lincoln?)

«If there is freedom, then destiny can't exist, therefore, we ourselves are our own destiny.»
(Imre Kertész, 1975)

«We have a common destiny and our survival depends on whether we cooperate or fight among ourselves.»
(Zygmunt Bauman, 2016)

So, let's build the library of the future together now…

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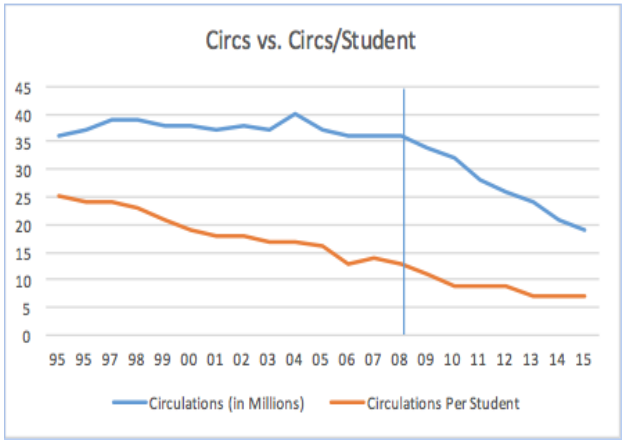
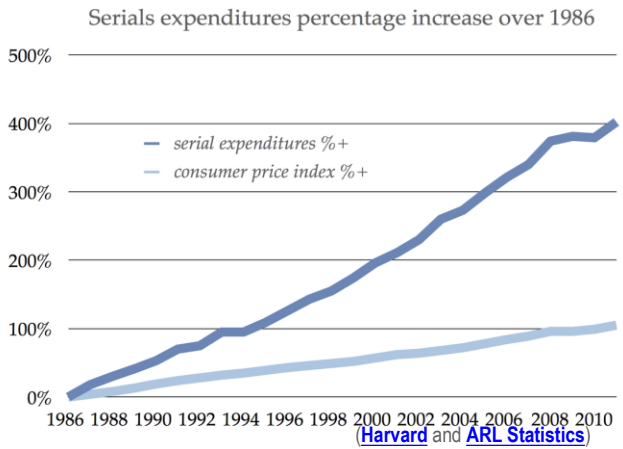
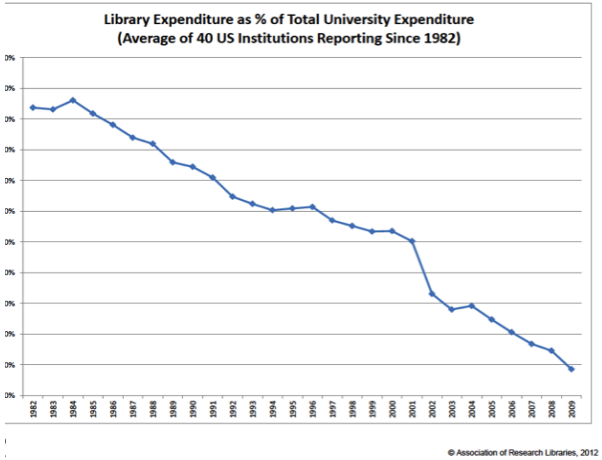
Some current threats to academic libraries



https://scholarlykitchen.sspnet.org/2017/08/21/less-meets-eye-print-book-use-falling-faster-research-libraries/





Open access &/vs. library subscriptions?

Digital preservation?

***Oligopoly of content providers** (Larivière, 2015):*

- *¾ Library budgets in e-resources (Daniel, 2019)*
- *Access to content in external platforms*
- *Control over reward criteria for researchers*
- *Library software (libraries autonomy?)*

OCLC

Two keys for libraries to have a future

INNOVATION

+

COOPERATION

INNOVATION

- *Essential in a context of scarcity and social and technological change. Not only technological, but...*
- *It can be **disruptive or radical**, but it is also possible **to optimize** (traditional tasks more efficiently, better use of resources). Both are compatible and complementary.*
- *In all areas of library management: human, technical, economic, spaces and services.*
- *Not possible without cooperation.*

COOPERATION

- *Global world → global scale, “web scale”.*
- *Required for technology-based services → service platforms on the web (the "cloud").*
- *Better together → shared costs, shared services, shared ideas for the future.*
- *Never easy → generosity, renunciation, sharing goals, tasks, resources, imagination and **innovation**.*
- *Only cooperation (not competition) creates communities and society (Together possible WWF Adena)*

Traditional cooperation

Great achievements: ILL, description standards, collective catalogs, classifications, professional networks, consortia... But, unintentionally, it has also led us to:

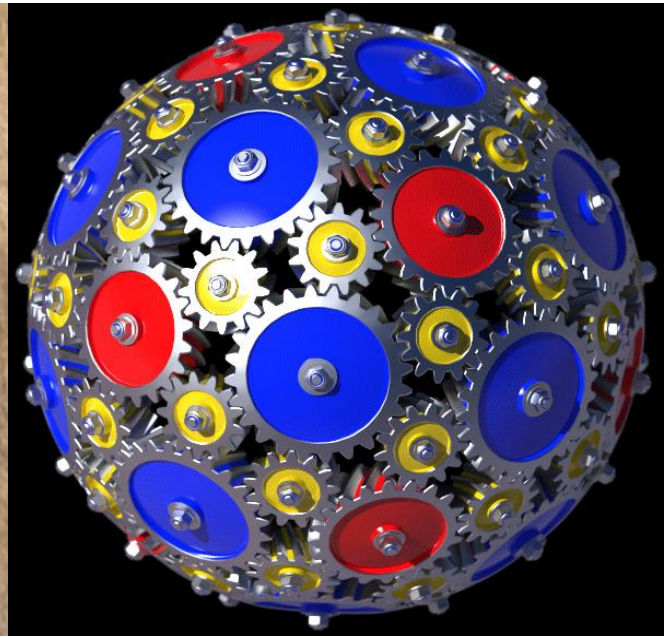
- ***redundant practices** that tend to isolate the internal work processes of a library with respect to those of the other libraries.*
- *an ecosystem of libraries that offer small niches of information on **dispersed websites**, when in our digital era the user's expectation is to increasingly experience the world of information as accessible from a single online search (Waybel and Erway, 2009).*

*21st century pushes us towards a **deeper global cooperation**:*

- *by reorienting in different fields local, regional and national collaboration towards global international cooperation.*
- *by gathering all library activities in a shared framework and in a sort of unified "virtual library" on the web in order to provide better services on shared technological platforms.*

Traditional and new ways of cooperation

https://www.dreamstime.com/stock-photo-red-onions-basket-cut-red-onion-over-table-image65061831



https://media.giphy.com/media/542y7MMI8oDle/giphy.gif

*Cooperative management of **internal workflows & technical services**:*

- *shared acquisitions*
- *shared cataloging*
- *shared authorities*
- *easier ILL (IFM)*
- *shared reference*
- *common storage spaces*
- *shared discoveries & data infrastructures*
- *OA publication cooperatives*
- *shared digital collections*
- *shared digital preservation projects…*

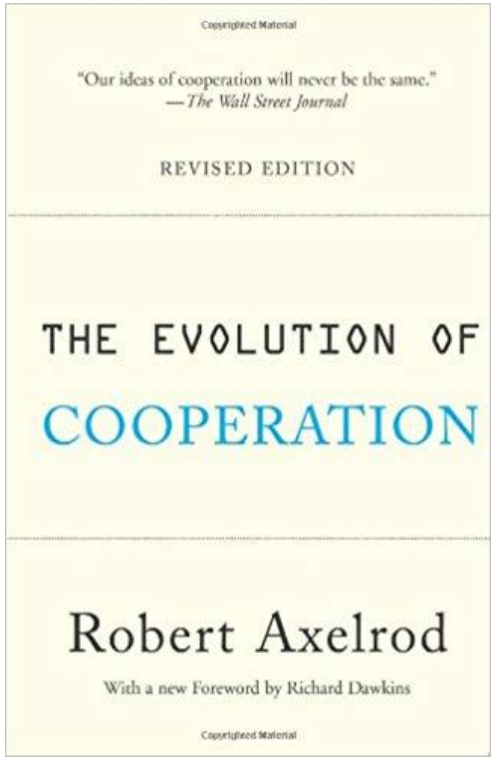
Cooperation/collaboration is a matter of values

The values of the libraries:

- *Democracy → education of citizens*
- *Altruism → public, free, universal service*
- *Knowledge and science for everybody, everywhere*

But not only of values, because…

…Cooperation is stronger than competition



*"**Game theory**" (neoliberal ideology).*

Cooperation can emerge in a world of humans moved by mere selfishness. *"Mutual cooperation can be stable if the future is sufficiently important to the present"* (p.126)

If there is a perspective of more cooperation in the future, cooperation, not deception or competition, is the best option for individuals or human groups acting by pure egoism even without the influence of values like altruism, confidence or reciprocity.

Axelrod, Robert (1984), *The Evolution of Cooperation,* Basic Books, ISBN 0-465-02122-0. (Rev. ed. 2006, Perseus Books Group, ISBN 0-465-00564-0)

INNOVATION

COOPERATION

GLOBAL PROJECTS

UNIVERSIDAD COMPLUTENSE MADRID

The largest University in Spain (one of the largest in Europe):

- *80.000 students, 7.000 professors, 3.000 more workers*
- *317 official studies (degrees & masters) and 170 own studies, in all areas of knowledge*
- *32 libraries in two campuses and other sites*
- *3.200.000 print books, 2nd collection of old books in the country & wide collection of e-resources*
- *170.000 old volumes digitized*
- *Wide range of library services*

*Main **international projects**:*

- *2006: Google Books Project*
- *2010: HathiTrust Digital Library*
- *2015: Catalogue in WorldCat & ILL WMS*
- *2017-2018: Implementation of WMS as ILS*

Google books

HATHI TRUST DIGITAL LIBRARY

WorldCat

OCLC WorldShare Interlibrary Loan

+ INNOVATION
COOPERATION

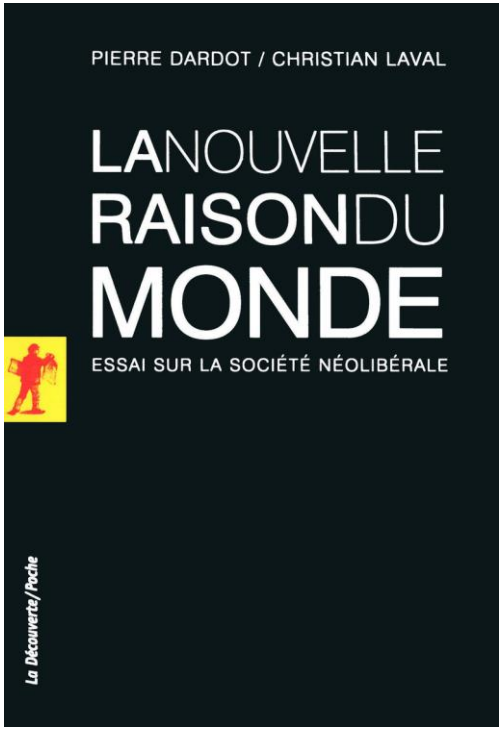
=

- *World's largest library cooperative worldwide, created and governed by and for libraries. Not a commercial content provider!*
- *For 50 years, innovation and cooperative library services.*
- *Non-profit international organization → profits reinvested in library research and development of their cooperative services.*
- *Advantages as a technological partner of libraries. Based on WorldCat, OCLC provides libraries with powerful technological tools.*

- *Young ILS software with no dependencies of previous systems.*
- *Allows an effective shared cataloguing in WC, with common authorities files (Spanish?) and LOD technology.*
- *Integral management of electronic and printed collections.*
- *Fosters to share and reuse information on collections, providers and licenses, and even to freely share local digital collections.*
- *Neutral with respect to contents → respects libraries' autonomy.*
- *Promotes regional and national data infrastructures on the background of WC.*

«The government of men can be (…) sustained in a self-government that opens up other relationships with others, different from those of the competition. Practices of communication of knowledge, of mutual assistance, of cooperative work, can outline another reason of the world.»

(Dardot, P., Laval, Ch., 2009)



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Larivière, Vincent; Haustein, Stefanie & Mongeon, Philippe (2015) The Oligopoly of Academic Publishers in the Digital Era. PLoS ONE 10(6): e0127502. Available online at: https://doi.org/10.1371/journal.pone.0127502

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THANK YOU

Javier García García

UNIVERSIDAD COMPLUTENSE MADRID

jgarciag@ucm.es