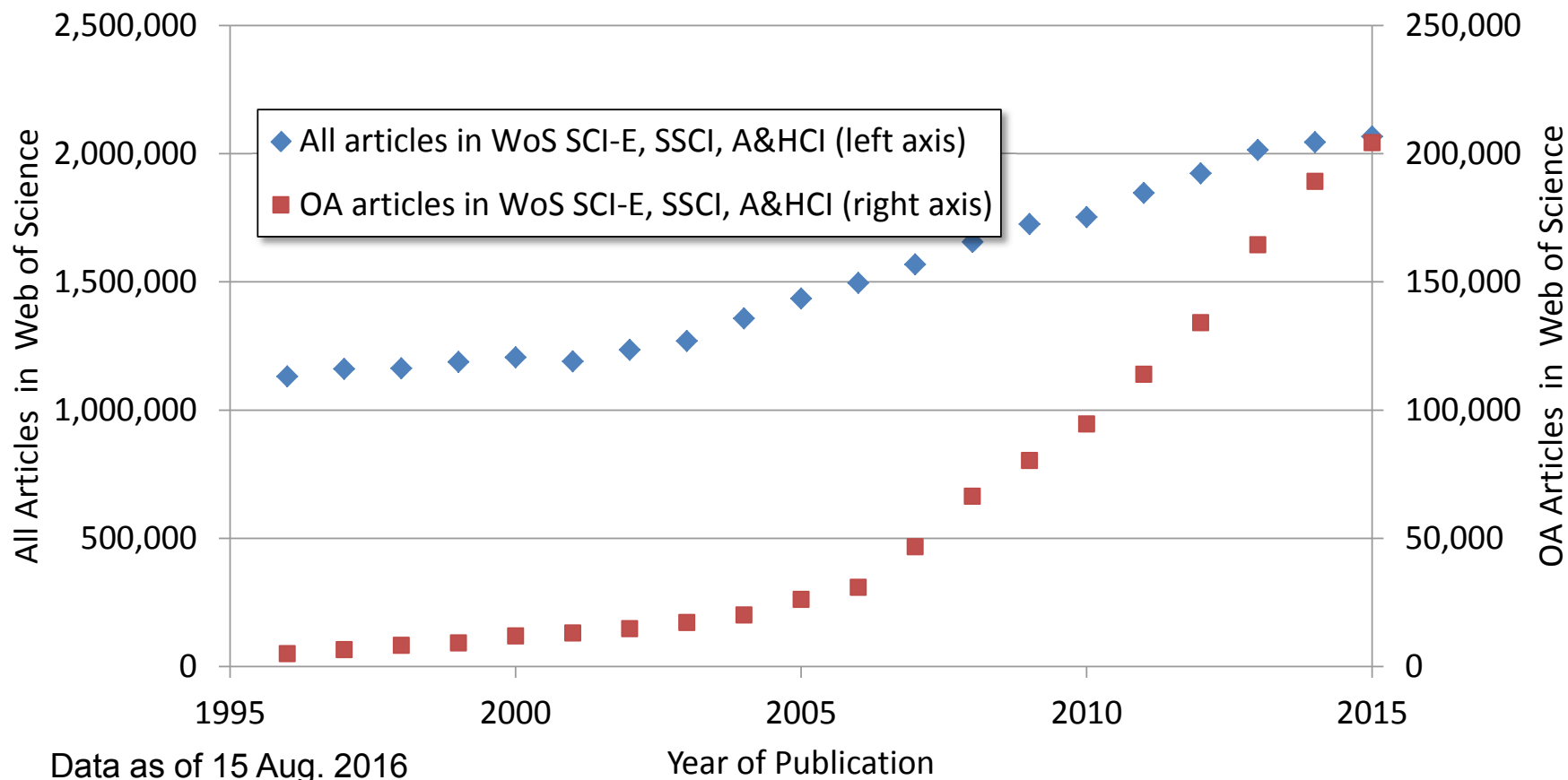


Contribution of Libraries to Open Science

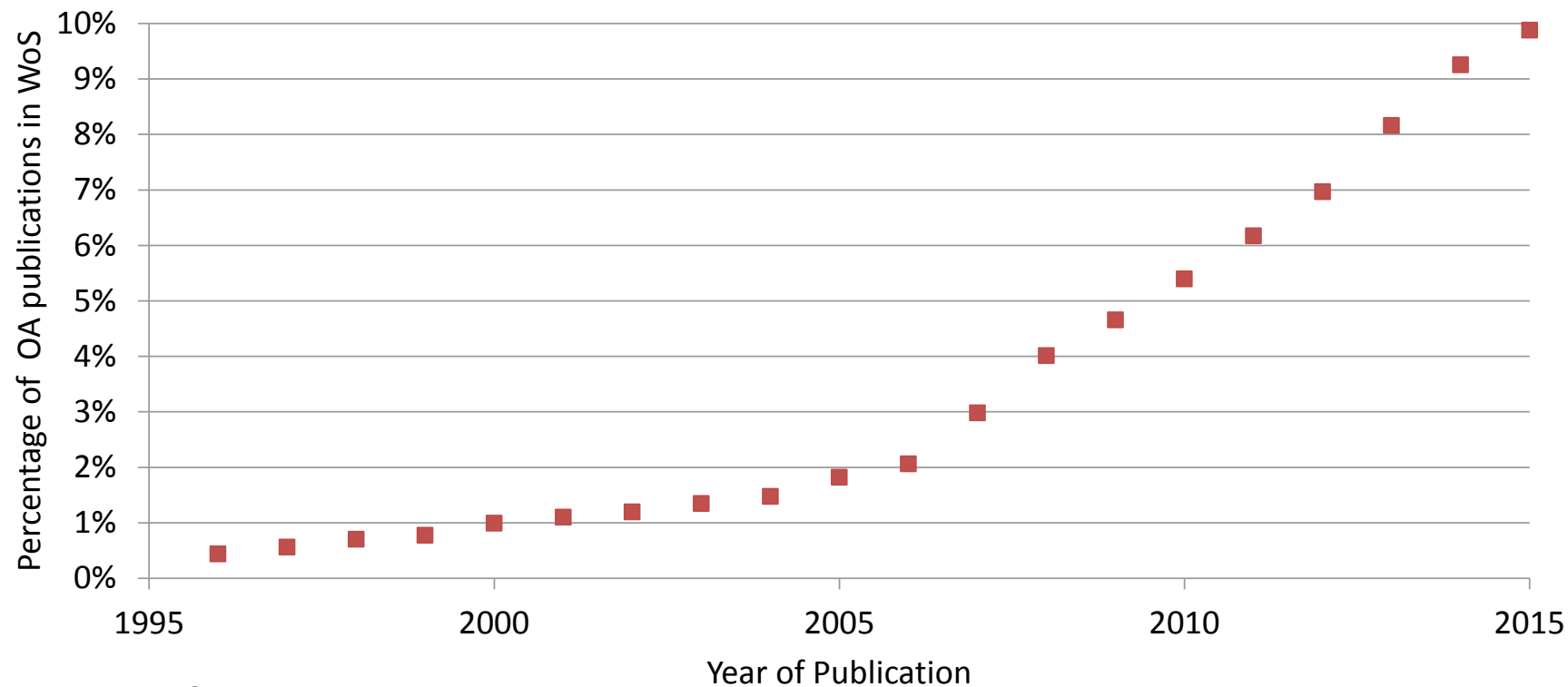
07.09.2016 | Symposium of the Consortium of Swiss Academic Libraries (CSAL), University of Bern
Dr. Bernhard Mittermaier, Forschungszentrum Jülich



Gold open access on the rise



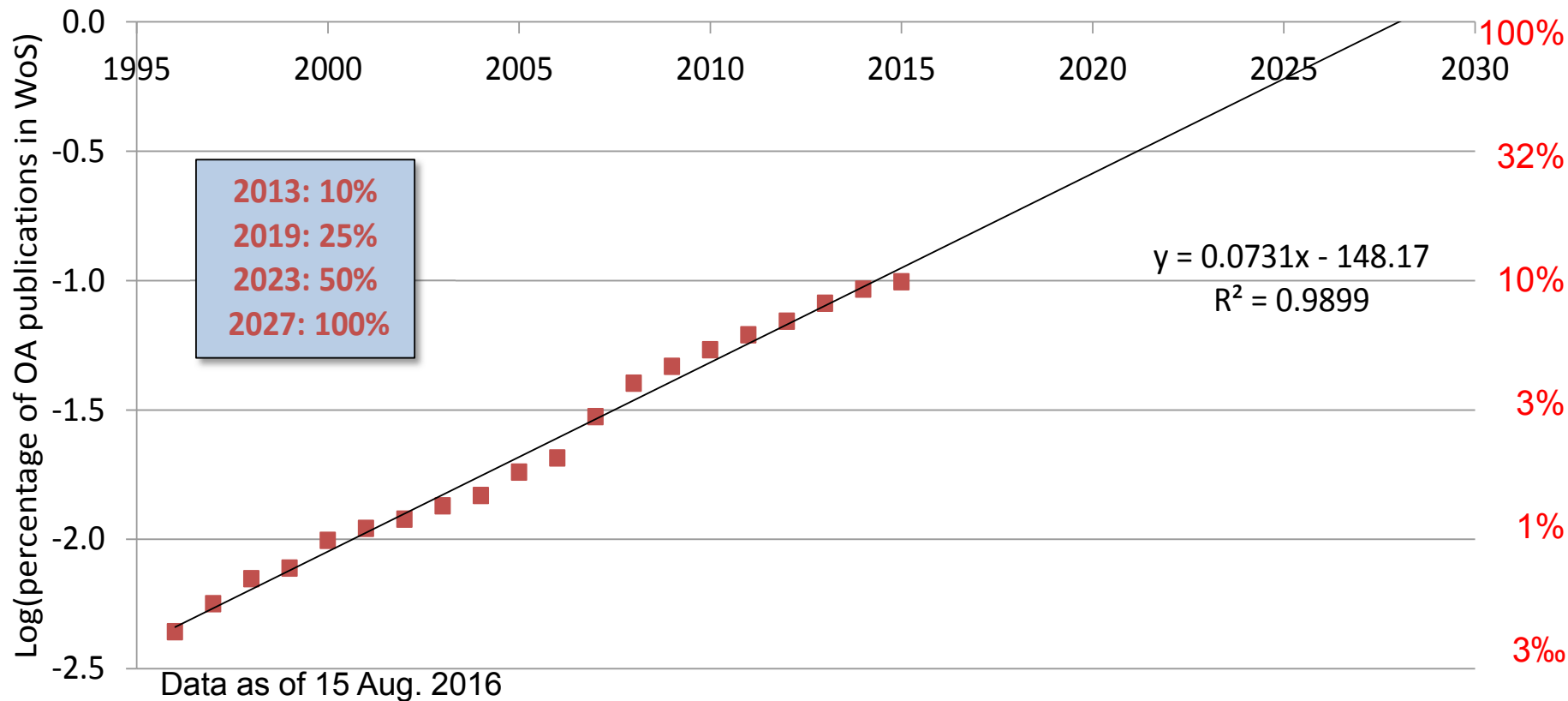
Gold open access on the rise



Data as of 15 Aug. 2016

Gold open access on the rise

Year of Publication



Gold open access – Turbo-powered in future?

Offsetting contracts

- De Gruyter: German Allianz-Lizenz
- Electrochemical Society: 859 institutions
- Elsevier: The Netherlands
- Institute of Physics Publishing: Austria, UK
- Royal Society of Chemistry: (Gold for Gold)
- Springer: The Netherlands, Max Planck Gesellschaft
- Wiley: The Netherlands, UK

Gold open access – Turbo-powered in future?

Funders' requirements

- [Horizon2020](#)
- [Amsterdam Call for Action on Open Science:](#)
„All scientific articles in Europe must be freely accessible as of 2020.“

Initiative for the large-scale transition to Open Access

- [White Paper from MPDL](#)
- [www.oa2020.org](#)

Consequences for libraries?

Financial flows (who pays?)

Processing APCs

Document delivery

Level of APCs



Journal management

Library personnel

Financial flows: Who pays?

“It's authors who publish, and authors who pay to publish (if they wish, or must).

Author payment is not a subscription matter, not a library matter, and not a library aggregator matter.”

Stevan Harnad, Université du Québec à Montréal & University of Southampton

<http://listserv.crl.edu/wa.exe?A2=LIBLICENSE-L;f530d4fc.1307>

Financial flows: Who pays?

a) Science

- Publication as part of research work
- Price sensitivity of authors

b) Library

- Rationalization
- Ability to negotiate prices
- Securing the existence of libraries

Processing publication charges

2.000 journal articles per annum

6.000 licensed E-journals

	Publishers	Suppliers	Invoices
Direct	13	13	14
Agency	40	8	48
Total	53	21	62

294 invoice items per annum

Processing publication charges

- Cumulative invoices or deposit
- Standardized, machine-readable, electronic invoices & data provision:
 - bibliographic data
 - business data

Level of publication charges

- Who keeps an eye on developments?
- Who negotiates with publishers?
- Who decides on upper limits if necessary?
- How can price sensitivity be increased among authors?

<http://www.intact-project.org/openapc/>

Library personnel

- Need for further training?
- Or for job cuts?
- Reorganisation?

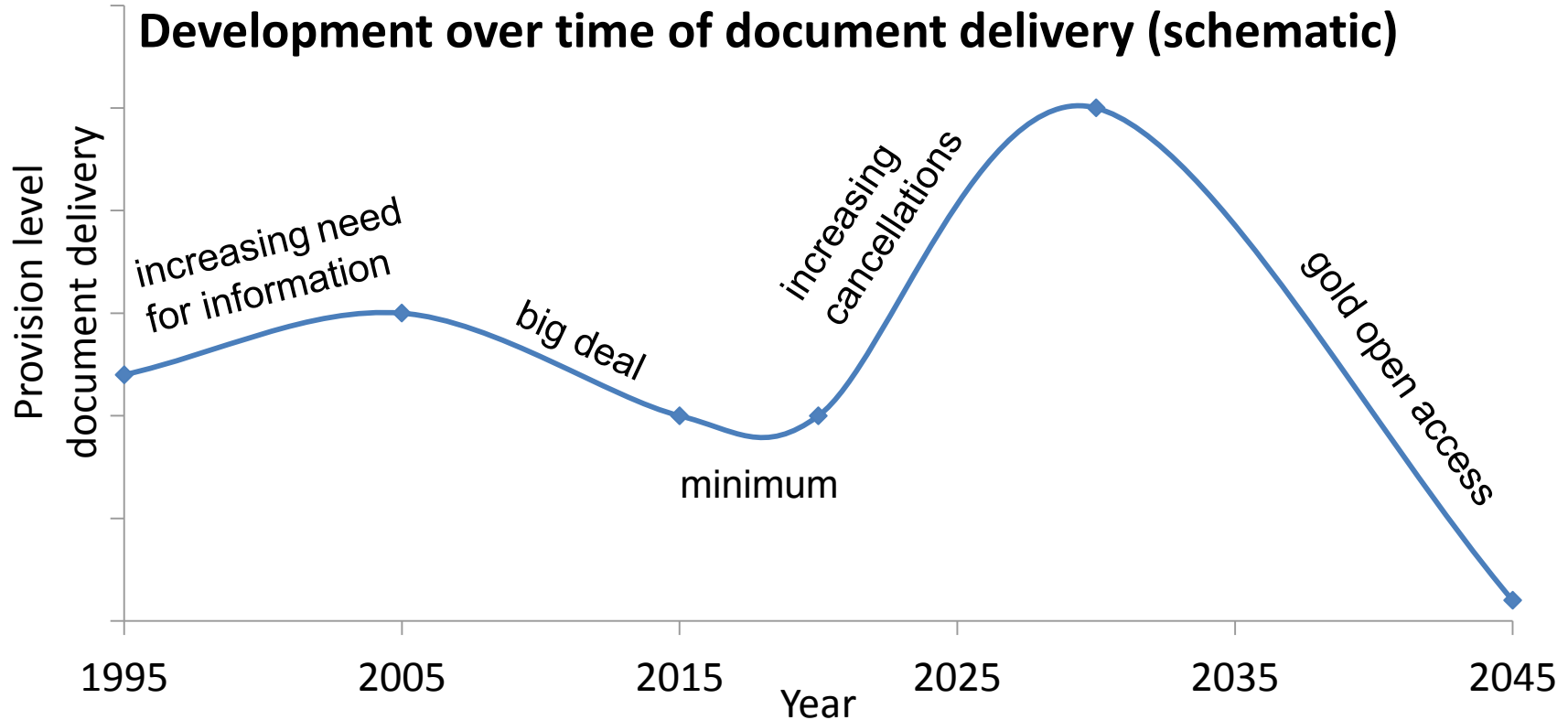
Journal management

- What journals will be relevant for cataloging?
- How will access be organized?
- How will usage be measured?
- How will long-term availability be guaranteed?

Definition “relevant journal”

- Subscription charges paid
- Authors publish in it (at least APCs paid)
- Authors cite it (potentially)

Library personnel



Call to action

“As soon as the Gold OA shock hits, academic libraries must be ready to engage publishers as competitors. When site licenses disappear, there is no more journal-collection development, and digital lending of journals disappears as a core service.”

Eric Van de Velde, Technology Consultant

<http://scitechsociety.blogspot.co.uk/2013/08/the-empire-strikes-back.html>

Outlook: Offsetting contracts in DEAL

Teure Fachzeitschriften

11.08.2013 17:18 Uhr

Nationallizenzen für Uni-Bibliotheken gefordert

Die Rektorin der Uni Leipzig, Beate Schücking, will eine Initiative für Nationallizenzen für wissenschaftliche Onlinejournale starten. So sollen die Etats der Unibibliotheken entlastet werden.

VON AMORY BURCHARD

Elsevier 2016

Springer 2017

Wiley 2017



Bernhard Mittermaier

Konzentration. Das digitale Zeitalter erhöht die Chance auf ungestörte Ruhe in der Bibliothek. Wer online an Informationen kommt,... FOTO: MIKE WOLFF



Outlook: Green Open Access

- Increasing demand by funding organisations and governments (up to 100% in coming years)
- Unattainable by author deposit
- Publisher should return final author manuscript with note of acceptance to all authors and institutions
- Publisher should notify of publication date, embargo period and DOI

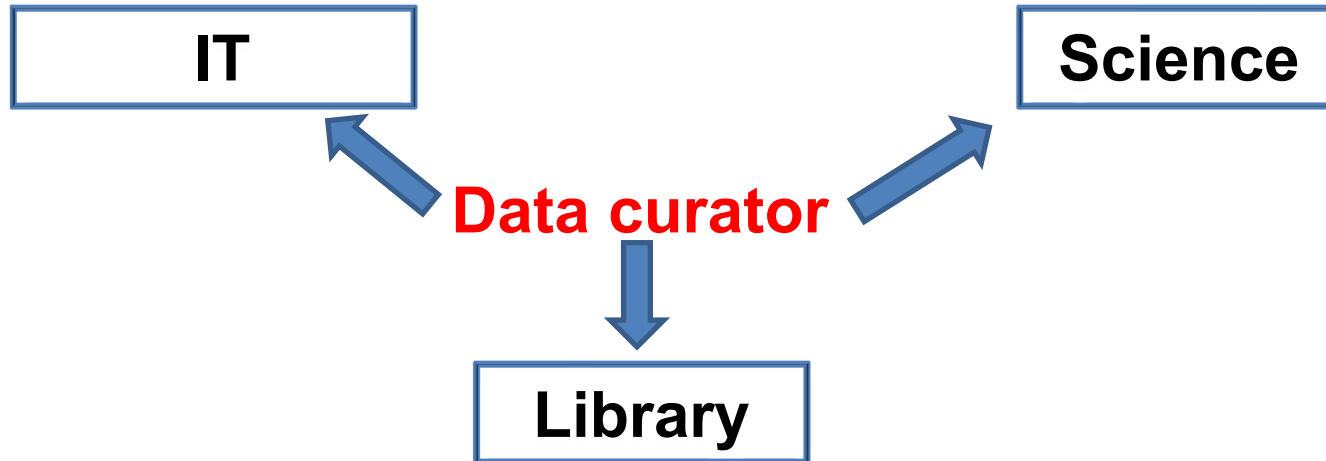
<http://scholarlycommunications.jiscinvolve.org/wp/files/2015/03/OA-compliance-how-publishers-can-help-20150325.docx>

Outlook: Research data management

- Horizon2020: [Open Research Data Pilot](#)
- [DFG](#): Project proposals must include details of whether and how subsequent use of research data will be made possible
- [BMBF](#): Applicants are obliged to make data obtained during the course of the project available in distributable form after completion of the project if requested to do so
- [NIH](#): Data sharing policy

Outlook: Research data management

- Preference for subject-specific repositories
- Institutional alternative must be provided
- Not purely an IT topic!



Thank you for your attention!



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