

# An Overview of a Knowledge from its Topics and their Relations

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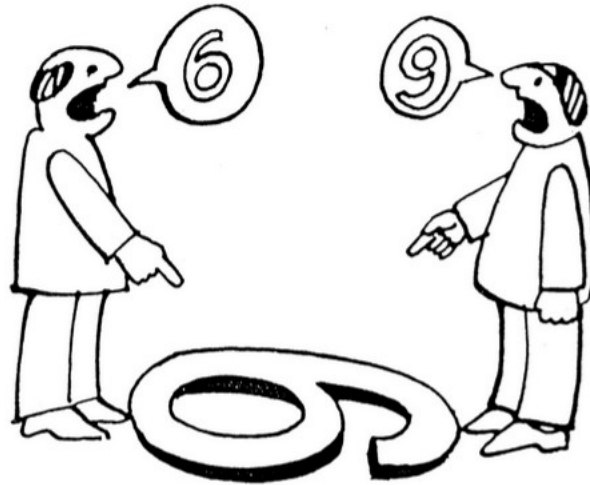
# Goals of “Africa Multiple”

- Reconfiguring African Studies
  - **overcoming disciplinary** boundaries & **regional** isolation
  - new forms of **collaborative** research
  - **new understanding** of contemporary issues



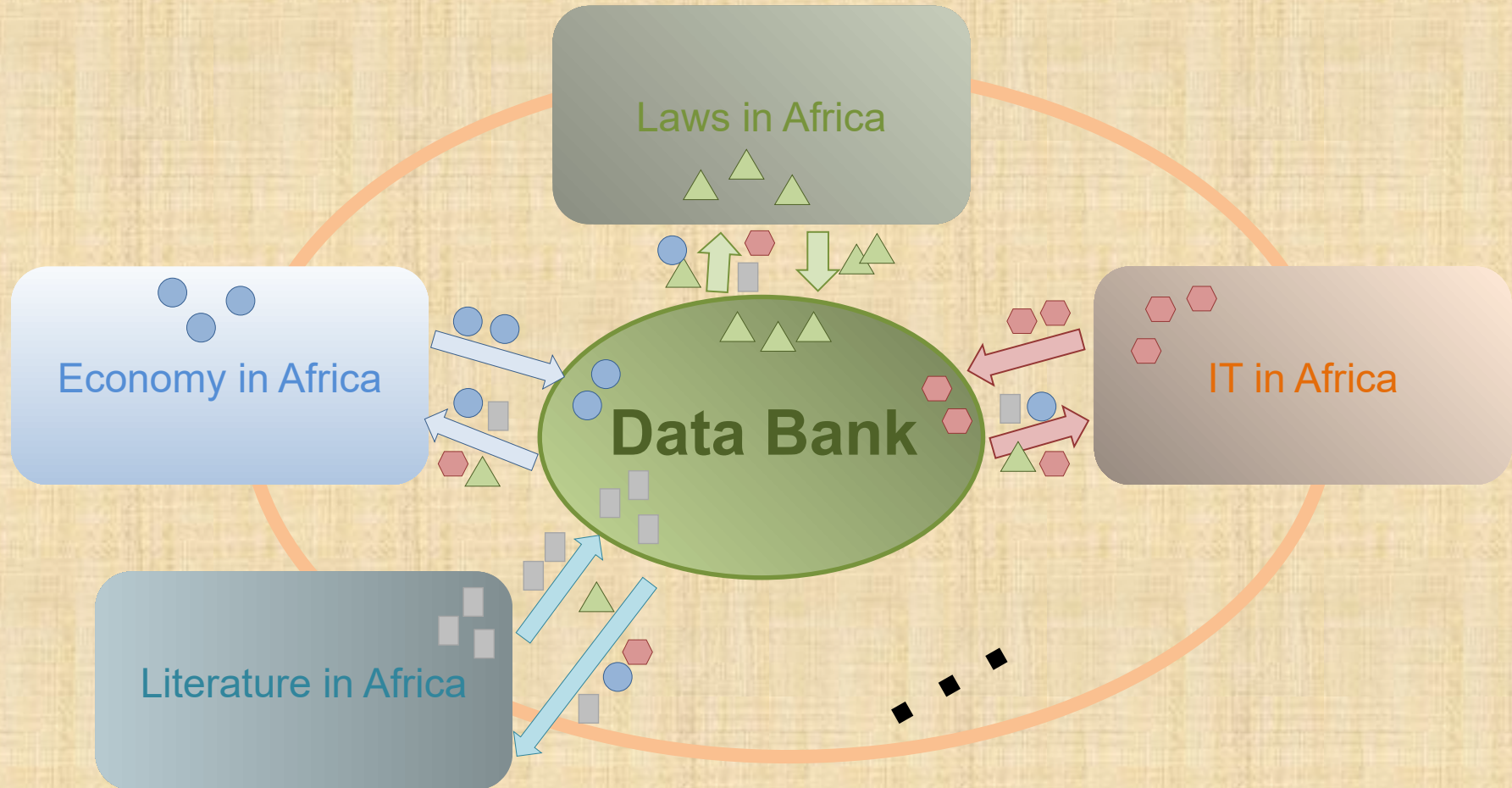
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# To study Africa through African eyes

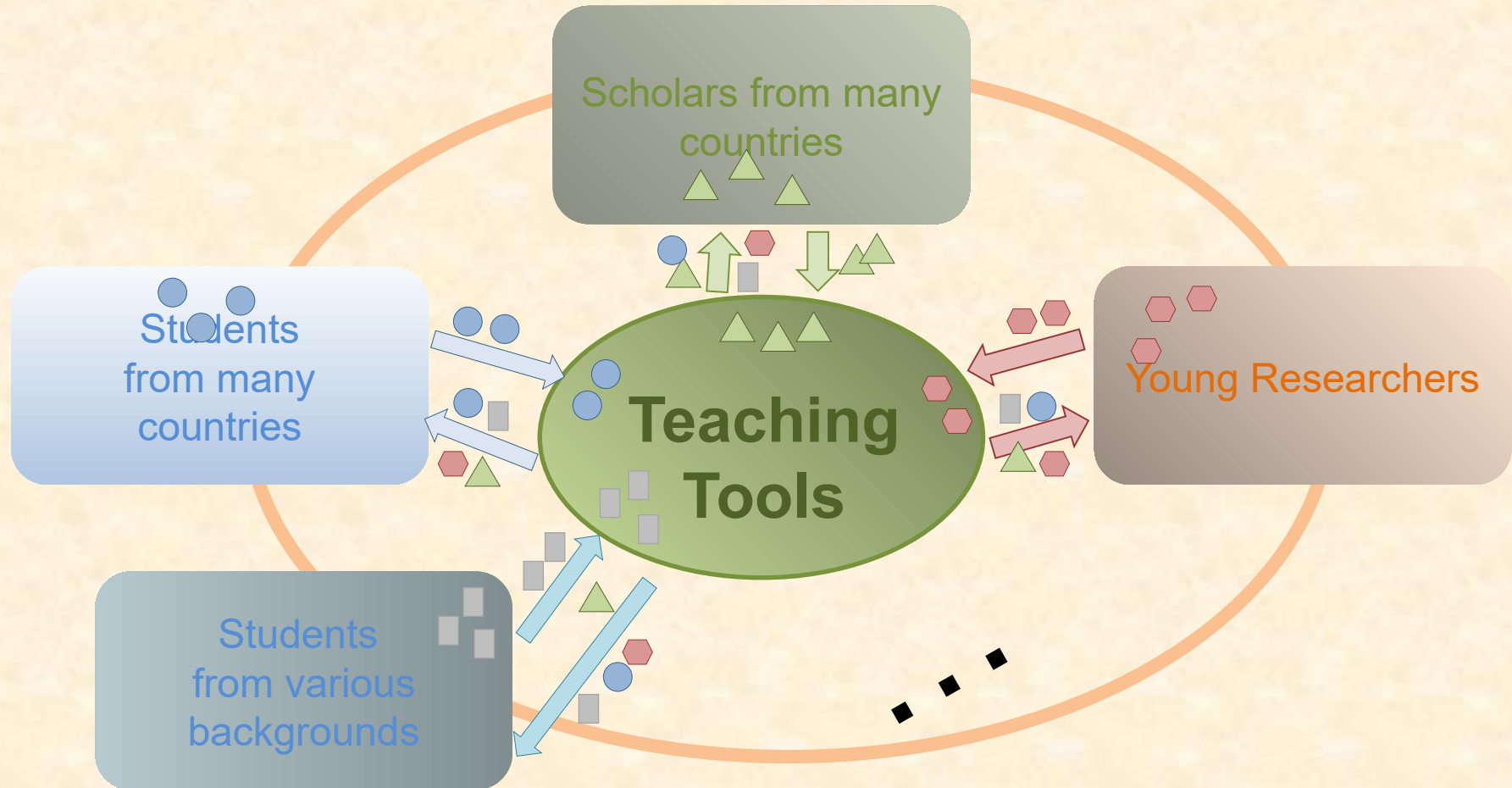


# DRE Market

Interdisciplinary Aspect

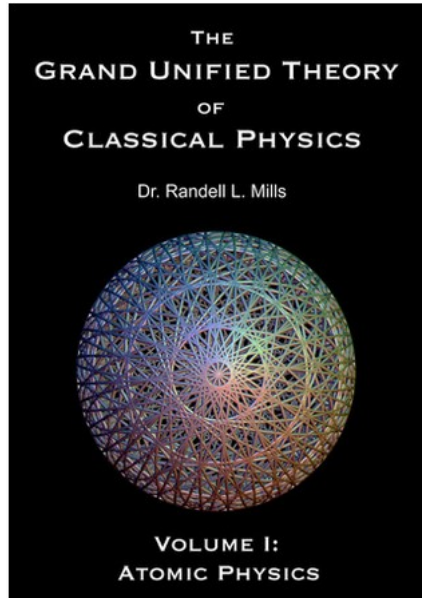


# INTR/HT Teaching Platform



# Perspectives from Knowledge Skeleton

- Example in Quantum Physics



## Heisenberg Uncertainty Principle

According to Heisenberg's Uncertainty principle, "Position and momentum of an electron cannot be determined simultaneously with absolute accuracy."

Atomic Structure

Equation

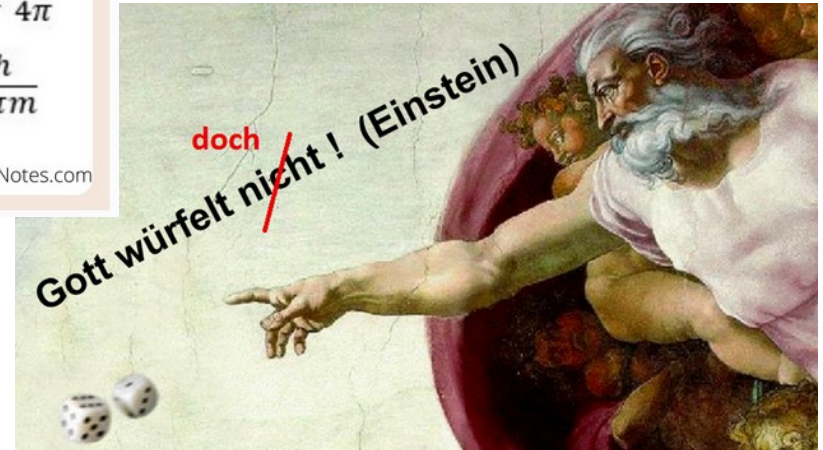
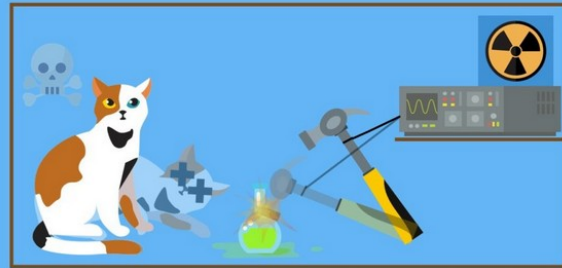
$$\Delta x \cdot \Delta p \geq \frac{h}{4\pi}$$

$$\Delta x \cdot m \Delta v \geq \frac{h}{4\pi}$$

$$\Delta x \cdot \Delta v \geq \frac{h}{4\pi m}$$

ChemistNotes.com

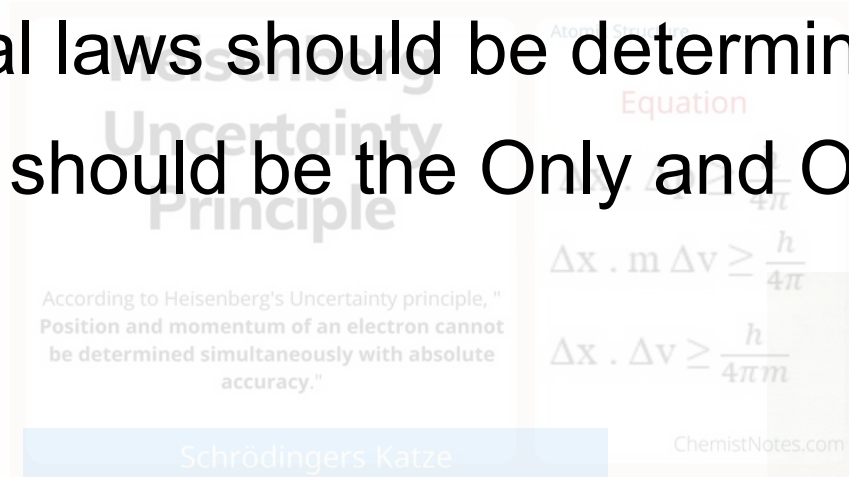
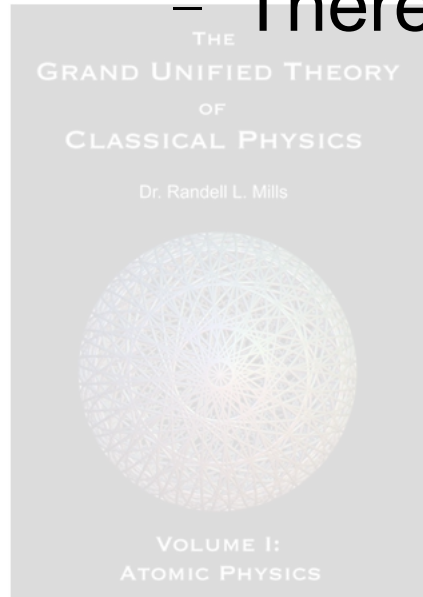
## Schrödingers Katze





# Perspectives from Knowledge Skeleton

- Example in Quantum Physics
  - Natural laws should be deterministic.
  - There should be the Only and One Master Rule



# Constructing Knowledge Structure

- ACM Hypertext Conferences
  - Proceedings
  - Bibliographic Information of the Papers
- Nodes
  - Topics: Words from Session titles, Paper titles, Keywords, Authors, Author Affiliations
- Edges: Relations in the proceedings



# Connecting Policies with Weights

- Title of the conference (for example, “ACM Hypertext 2020”) ----- weight 2 --- to all topics in session titles,
- titles, keywords, authors and their affiliations.
- Session title topics --- weight 4 --- all topics in titles, keywords, and authors.
- Session title topics --- weight 4 --- keywords in one session.
- Authors --- weight 5 --- their organization.
- Authors --- weight 4 --- title topics in one session.
- Title topics --- weight 5 --- Title topics of the same paper.
- Title topics --- weight 4 --- Title topics of different paper, in the same session.

## Keynotes and Invited Talks

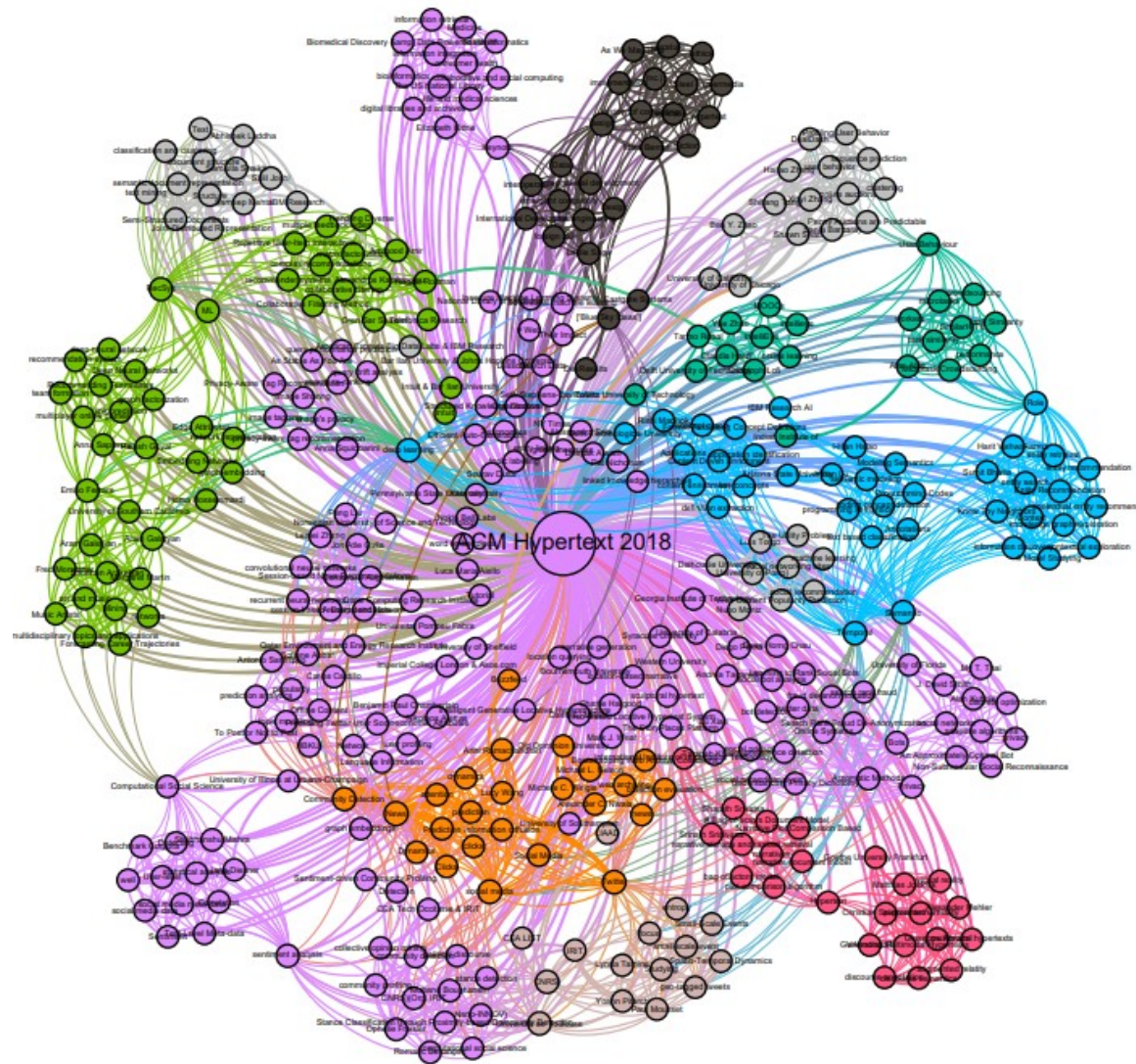
- **Tech Won't Save Us: Reimagining Digital Technologies for the Public** ..... 1  
Safiya Umoja Noble (*University of California, Los Angeles*)
- **Games, Hypertext, and Meaning** ..... 3  
Noah Wardrip-Fruin (*University of California, Santa Cruz*)
- **The Hypertext Years?** ..... 5  
Stuart Moulthrop (*University of Wisconsin-Milwaukee*)
- **Climates of Change: An Online Exhibition of Creative Work** ..... 7  
Jason Nelson (*Griffith University*), Anastasia Salter (*University of Central Florida*)

## Session 1: Hypertext Literature

- **What Authors Think about Hypertext Authoring** ..... 9  
Sofia Kitromili, James Jordan, David E. Millard (*University of Southampton*)
- **Mediation as Calibration: A Framework for Evaluating the Author/Reader Relation** ..... 17  
Alessio Antonini (*The Open University*), Samuel Brooker (*Richmond University*)
- **On Links To Be: Exercises in Style #2** ..... 27  
Alessio Antonini, Francesca Benatti, Sally Blackburn-Daniels (*The Open University*)

## Session 2: Hypertext Games and Digital Humanities

- **Hacking Droids and Casting Spells: Locative Augmented Reality Games and the Reimagining of the Theme Park** ..... 37  
Ray Eddy, Carissa Baker, Robert Macy, John Murray, Anastasia Salter (*University of Central Florida*)
- **Keeping People Playing: The Effects of Domain News Presentation on Player Engagement in Educational Prediction Games** ..... 47  
Gabriel Dzodom, Akshay Kulkarni, Catherine C. Marshall, Frank M. Shipman (*Texas A&M University*)
- **Augustine as "Naturalist of the Mind"** ..... 53  
Rosemary M. Simpson (*Brown University*)



The screenshot shows the IWI NXT workspace. At the top, there is a search bar and a toolbar with icons for adding, deleting, and linking. The workspace contains a mind map with the following nodes:

- author-reader interaction** (orange node)
  - KEYWORD -
- hypertext** (orange node)
  - ... -
  - KEY... -
- human factors** (orange node)
  - ... -
  - KEY... -

Other nodes visible in the workspace include "anonymous social...", "jessica rubart", "sofia kitromili", and "decision making". On the right side, there is a list of keywords with a search bar and a "Zurücksetzen" button.

# Thank you!

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