

Augmenting the Notion of Reading Comprehension in the Era of an Internet- enabled World

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Internet-enabled World Facts

Internet use at work to read, write, communicate, and solve problems increased by ~60% in the U.S. during 2002 among all employed adults 25 & older.

U.S. Department of Commerce, 2002

The rate of growth in online use has been staggering, and continues to grow faster every year.

The World Bank, 2008

As of 2007, ~1.5 billion (1/5 of the world's population) read online

International Communications Union, 2009



Reading in the Cyber Era

“...understanding, using, reflecting on and engaging with written texts, in order to achieve one’s goals, to develop one’s knowledge and potential, and to participate in society.”

The Program for International Student Assessment (PISA), 2009



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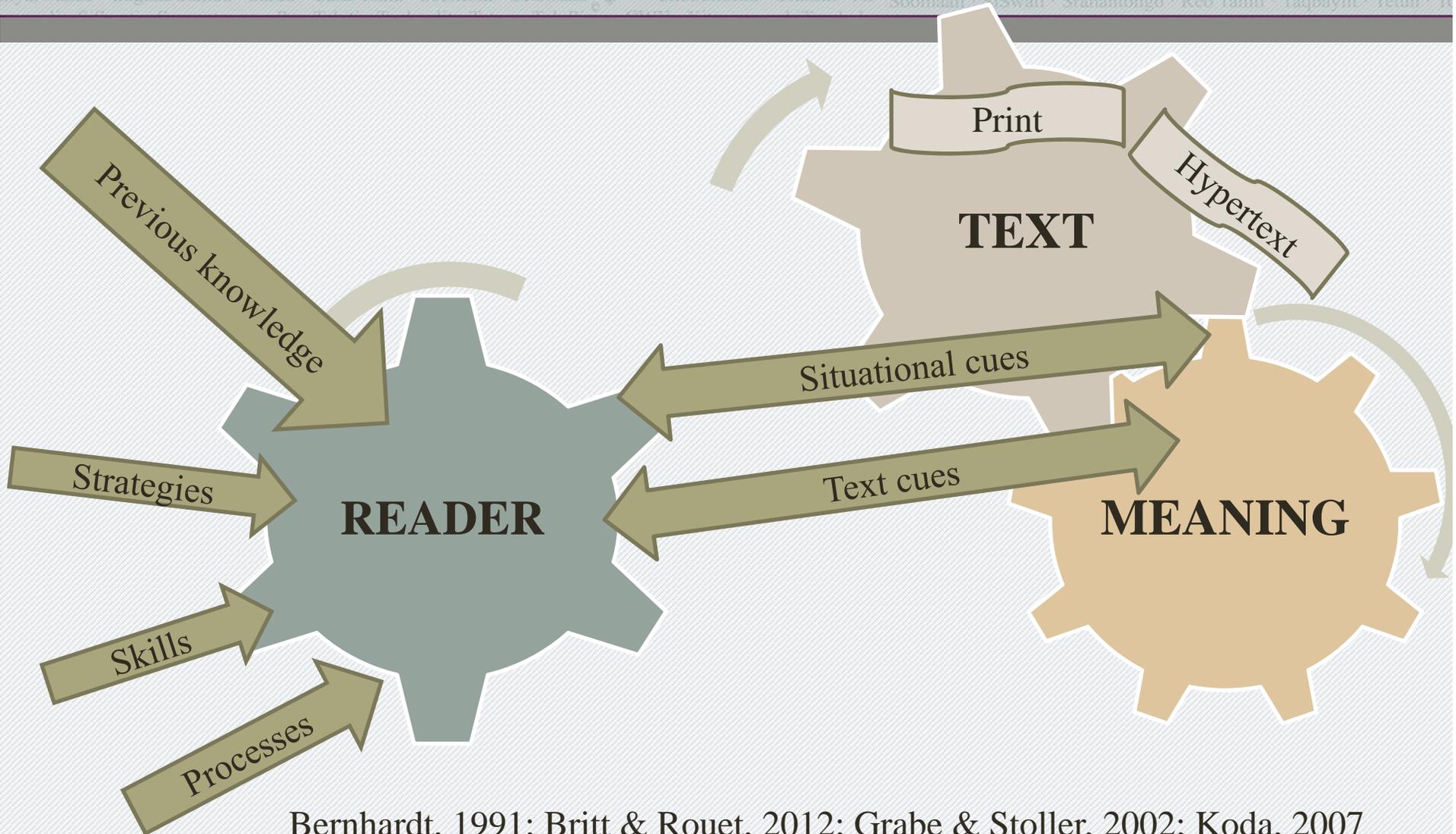
Reading Comprehension in the Cyber Era

...the process of simultaneously extracting and constructing meaning through interaction and involvement with the written language“

Coiro, 2003



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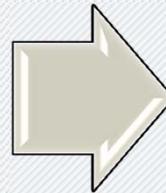


Bernhardt, 1991; Britt & Rouet, 2012; Grabe & Stoller, 2002; Koda, 2007



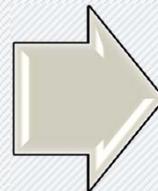
Cyber Age Reading Terminology

offline reading



online reading
web-based reading

fixed text
print text
traditional text
conventional text



hypertext
web text
dynamic text
electronic text
text with hyperlinks (contains links to other texts)

Главное
Россия
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Библиотека

Все Политика Общество Происшествия Катастрофы Москва Регионы Армия

13.01.15 15:00

Брежнев поведет КПСС на выборы в Новосибирской области



Андрей Брежнев
Отец Леонида Брежнева / «Известия»

Взвук генерального секретаря ЦК КПСС Леонида Брежнева Андрей Брежнев примет участие в выборах в Законодательное собрание Новосибирской области. Об этом [сообщается](#) на сайте региональной избирательной комиссии.

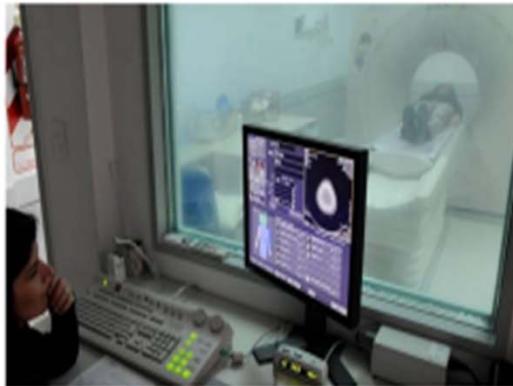
ПОСЛЕДНИЕ НОВОСТИ

- 13:03 Брежнев поведет КПСС на выборы в Новосибирской области
- 18:40 В Самаре по подозрению в убийстве зоозащитника арестовали диспетчера
- 15:13 Единственный ушел с работы в министерстве спорта
- 18:41 Солдаты боевика «Мастин» взорвали бомбу 5+ повалив трам Тона Круна на самолете
- 18:44 Хабаровские чиновники рассказали о каже с клиентом в детском саду
- 10:10 Жители Омска на пикете в поддержку пикета трам до 2016 года
- 18:44 Перепады температур оказались

ClarínX Noticias Deportes (ExtraShow) Estás Services Ingresar

Las prepagas suben otro 7%: es el tercer aumento del año

Afecta a 4 millones de afiliados. Será a partir de agosto. Ya habían subido 4% en marzo y 6% en junio. Igual, para las empresas, insuficiente.



Cortes. Para un matrimonio, los costos pueden variar de \$3.000 a \$5.000 por mes. DAVID FERNANDEZ

ONLY 14% of employees ACCOMPLISH as much as they BELIEVE they can

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AMA American Management Association

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Suche

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Geld > Verbraucher > Gold-Crash: Ehemalige Krisenwährung stürzt ab

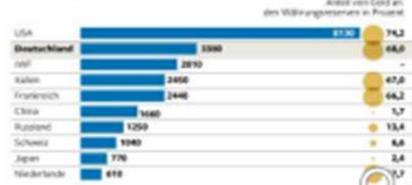
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GELD EDELMETALL

Der Gold-Crash markiert ein neues Zeitalter

Die zahlreichen Krisen der Welt müssten den Goldpreis zu neuen Höhen treiben. Doch das Gegenteil ist der Fall. Das Edelmetall kostet so wenig wie vor fünf Jahren. Ein Land hat daran besonderen Anteil.

LÄNDER MIT DEM GRÖSSTEN GOLDHORT



WIKI WELT

Foto: Infografik Die Welt

Größter Goldbesitzer sind die USA

Um das 15-Prozent-Ziel zu erreichen, müsste Peking die Goldbestände in den Tresoren auf 14.000 Tonnen aufstocken. Damit würde sich China an die Weltspitze katapultieren. Dort befinden sich aktuell die Amerikaner mit gut 8100 Tonnen. **Deutschland** hat mit knapp 3400 Tonnen den zweiten Platz inne.

Russland hat den goldenen Weg bereits besritten: Seit der Krim-Krise im Februar 2014 stockte der Krimi seinen Edelmetallschatz gewaltig auf – um mehr als 200 Tonnen. Der Anteil an den

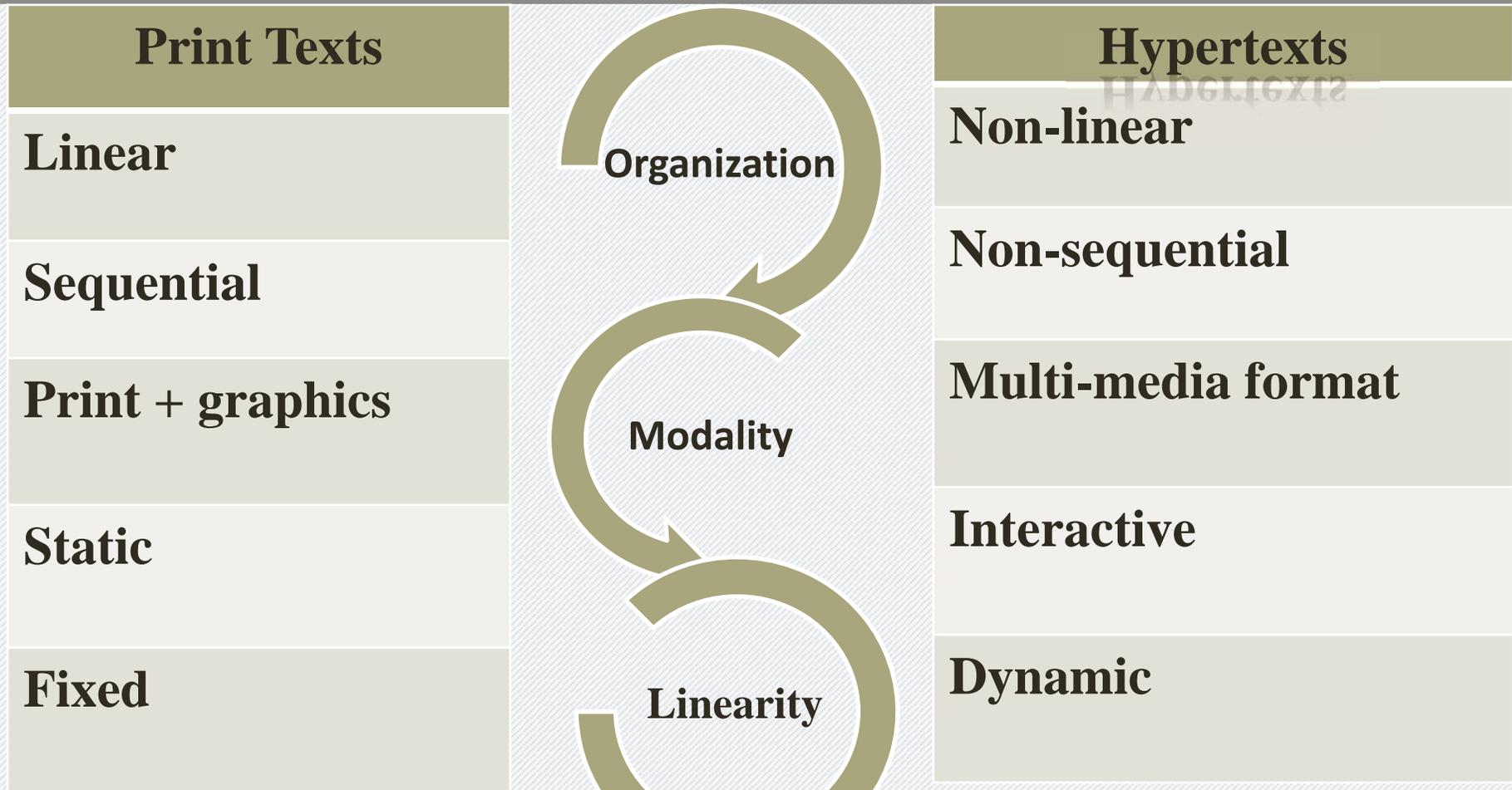


Zentralbank-Video
Film beweist die Existenz des deutschen

Schweiz. Börsengehandelte Goldfonds waren das Vehikel der Wahl für die privaten Gold-Investoren. Die Produkte investieren das Geld der Sparer in physisches Edelmetall und lagern es in riesigen Tresoren. Private Anleger, aber auch institutionelle Investoren können so ihr Geld in **echtes Gold** packen, ohne selbst ein Schließfach anmieten zu müssen.



Print Texts vs Hypertexts





Online Reading Skills

- Construct meaning
- Bringing sources together

PURPOSE

PROCESS

- Locate
- Evaluate
- Make connections

- How to use the information

CONSEQUENCES



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ONLINE READING

Access & Retrieve

Integrate & Interpret

Reflect & Evaluate

Get there

Select

Understand the coherence

Infer

Identify assumptions

beyond the text

scan

search

deduce

compare

skim

locate

reason

contrast

hypothesize



Online Reading Strategies

- Synthesize online reading into meaningful chunks of information
- Learn to scan Web pages to locate the information
- Avoid distractions
- Understand the value of a hyperlink before clicking
- Create a list of “bookmarks” or “favorites”

Colorado State University

<http://writing.colostate.edu/guides/>



Internet Reciprocal Teaching

The goal: To increase the use of reading comprehension strategies to improve

- reading (online & offline)
- academic engagement
- academic achievement



Internet Reciprocal Teaching

Reciprocal Teaching

- Traditional text use
- Predicting, questioning, clarifying, summarizing
- More teacher modeling



Reciprocal Internet Teaching

- Online text use
- Novel reading comprehension strategies
- More student modeling

Collaboration and discussion

Gradual release of responsibility from teacher to students



Internet Reciprocal Teaching

Teacher-led instruction

- Discussion of basic skills and strategies of internet use

Collaborative modeling

- Reciprocal exchange of online reading comprehension strategies for locating & critically evaluating information
- Shift to synthesis and communication (e-mail, blogs, wikis, etc.)

Inquiry

- Interest-based projects, publishing



Critical Online Reading Skills

Identifying important questions

Locating information

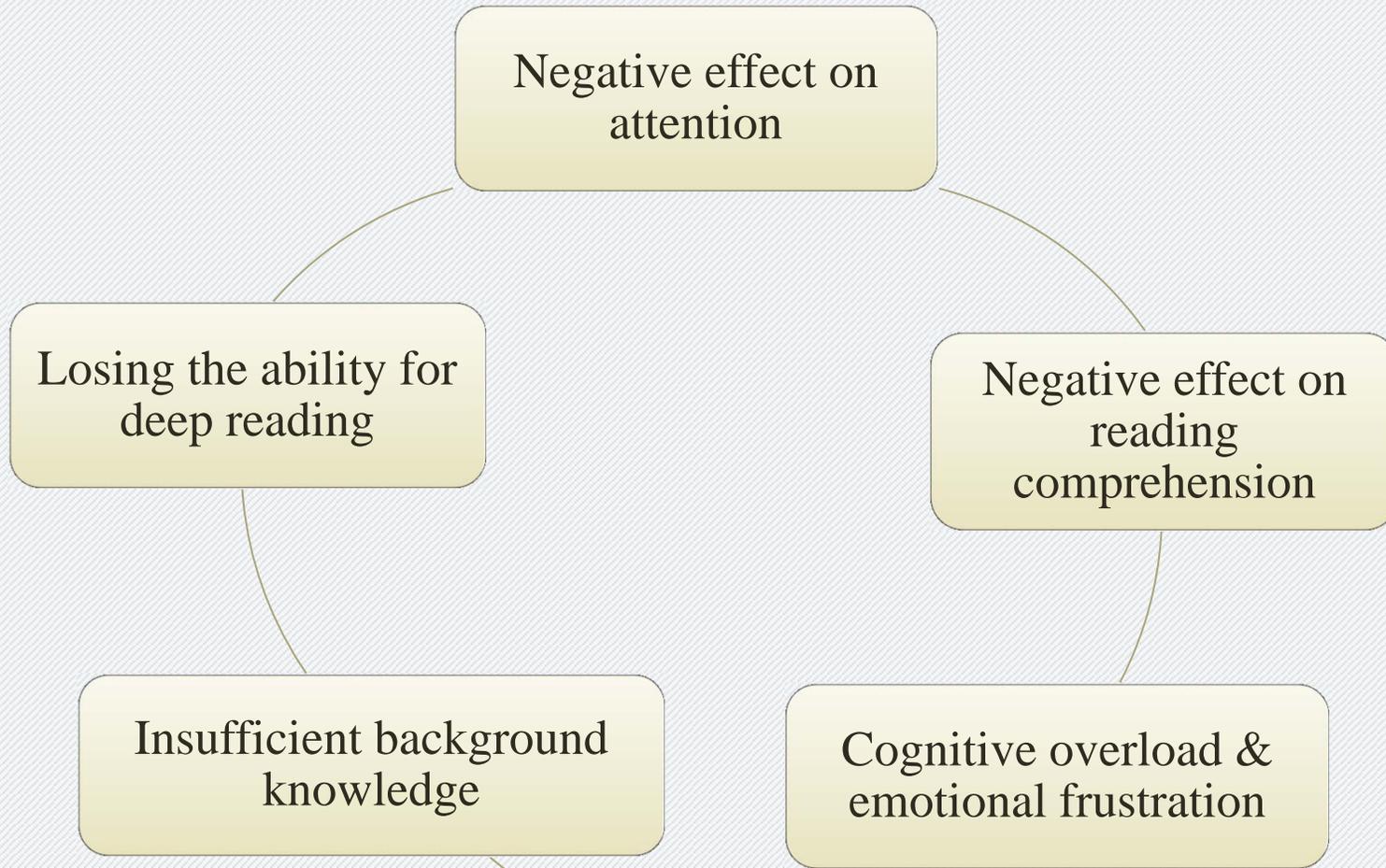
Critically evaluating the information

Synthesizing information collected from different sources

Communicating ideas to others in a variety of formats



Online Reading Constrains



Carr, 2010; Eagleton & Guinee, 2002



Implications for FL Teachers

Be informed & involved in using cyberspace

Select easy to use, well designed TL websites

Look for clear, functional links, uncluttered appearance

Be aware of the content

Set suitable tasks



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