

The future of AI-Discovery in knowledge institutions



Prompt: Librarian of the future, Minoan style

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- Lawyer, art historian, lecturer
- In IT for film festivals and libraries since 2004
- CEO of **ava-library.com** and **AboutSomethinK.org**



ASK is the first AI Chatbot for public libraries in the world.

ASK is in production for all Berlin libraries since June 2024

on voebb.de



Agenda

- Status....
- What now?
- Crystal Ball

Status

Google = User expectation

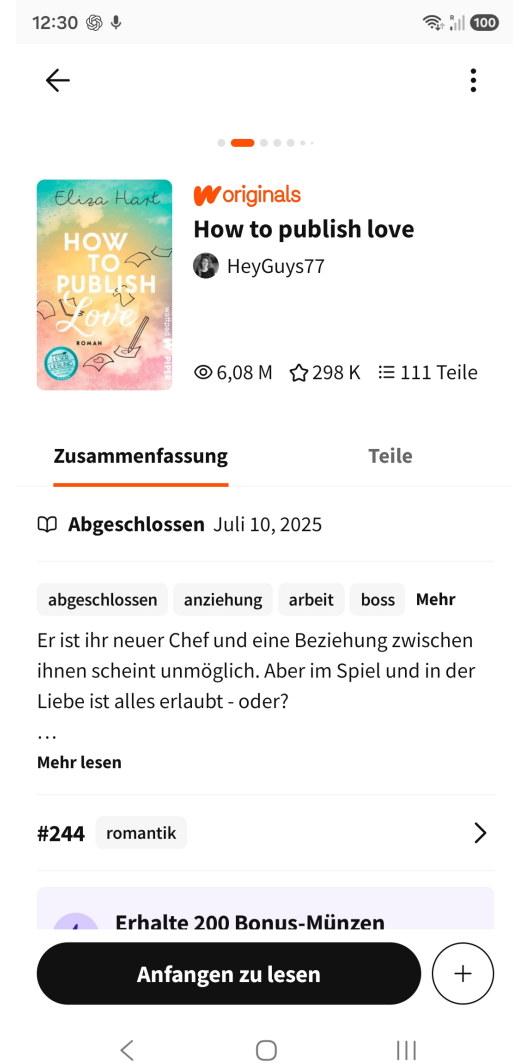
- User expectations are formed by commercial services (Google, Amazon, TikTok etc.)
- Google today: AI overview and classic search results – merged on one results page
- ➔ AI Overviews now appear on 48% of all search queries. That is a 58% increase year over year. Search results usage drops 34-61% when an AI Overview appears.
- ➔ Old habits die hard, though.

The screenshot shows a Google search for "what is the future of AI in libraries". The search bar at the top contains the query. Below the search bar, the "AI Overview" section is prominently displayed. It features a blue header with a diamond icon and the text "AI Overview". The main content of the overview is a paragraph: "The future of libraries centers on a human-centric, hybrid model where AI handles routine administrative tasks, automates metadata generation, and synthesizes literature. This frees librarians to focus on deep research, community outreach, and defending institutional trust in an 'AI answer economy'." Below this, it states "Libraries are actively navigating this transition across several core domains:" and lists "1. AI Literacy and Public Education". A "Show more" button is visible at the bottom of the overview section. To the right of the overview, there are several search results. The first result is a YouTube video titled "AI and the Future of Libraries" from Connecticut State Library, dated Sep 11, 2025. Below it is a result from CNI: Coalition for Networked Information, dated Dec 19, 2025, titled "A Landscape of AI in Libraries, or 'What Librarians Talk About...". The third result is from Syracuse University iSchool, dated Nov 18, 2025, titled "The AI Moment in Libraries: What It Means for Our Profession". At the bottom of the page, there are two more results: a ResearchGate PDF titled "(PDF) Future of Artificial Intelligence in Libraries" and an American Libraries Magazine blog post titled "Considering AI".

Screenshot: Google – AI overview and result list on one page

Search? Discovery!

- Younger generations search through memes, not genres (see Wattpad)
- They click and they talk – they don't want (and don't need) to write
- They are used to personalized recommendations
- They love recommendations by friends
- They socialize (also online)
- APP (!!)



Screenshot: Wattpad app

Search - Now

Open today: 10:00 – 18:00 · Tel. 04123 / 45 67 89

Accessibility

DE

EN

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SB

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My Account

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Search the catalogue

Title, author, keyword or ISBN ...

Search

News

Summer reading club starts 13 July

01/07/2026 · Children & Teens

Children and teenagers aged 6 to 16 can register now at the service desk. Read three books to earn a certificate and enter the final prize draw.

New AI assistant on our website

25/06/2026 · Services

Our digital assistant now answers questions about our collection, opening hours and services – around the clock, in natural language. You'll find it in the bottom corner. All answers are based on our library's own catalogue and information.

E-lending: maintenance on 10 July

25/06/2026 · Digital

Our e-lending platform will be unavailable on Friday 10 July between 6 and 9 am due to maintenance. Titles already on your devices remain usable.

Opening hours

Monday	closed
Tue – Fri	10:00 – 18:00
Saturday	10:00 – 14:00
Sunday	closed

Services

[Get a library card](#)

[Fees & charges](#)

[Interlibrary loan](#)

[Suggest a title](#)

[Rooms & computers](#)

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Screenshot: How many libraries present themselves

A circular logo with the word "ASK" in a bold, white, sans-serif font on a dark background.

AI chatbots - Now

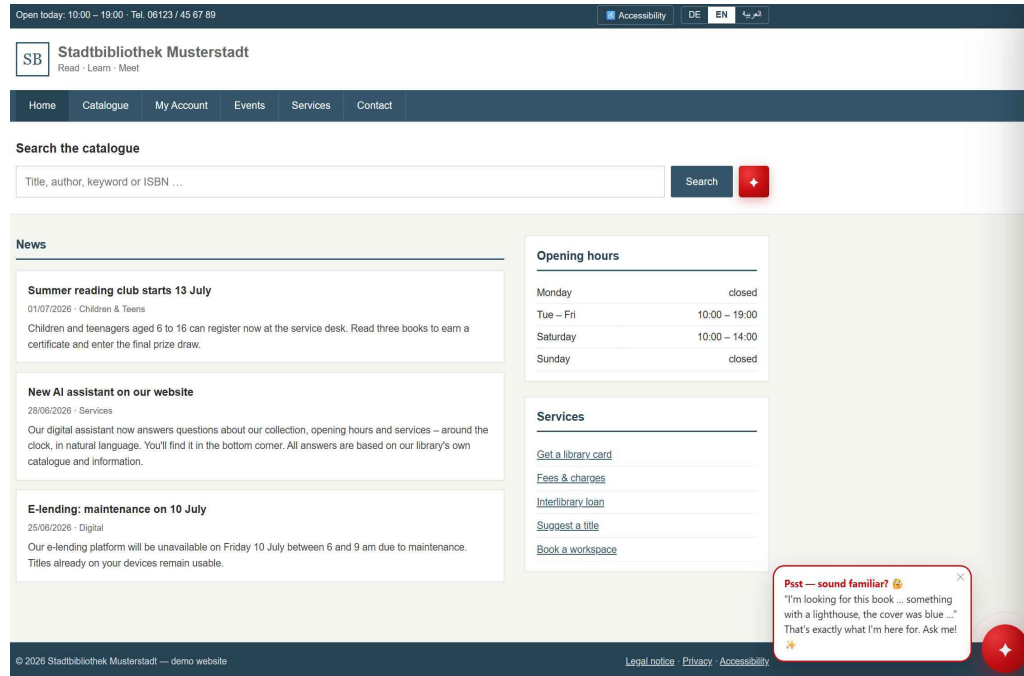


Prompt: Image: Atari – we typed. Windows – we clicked. Apple – we swiped. AI – we type again...

One step at a time ...

1st Step – Where?

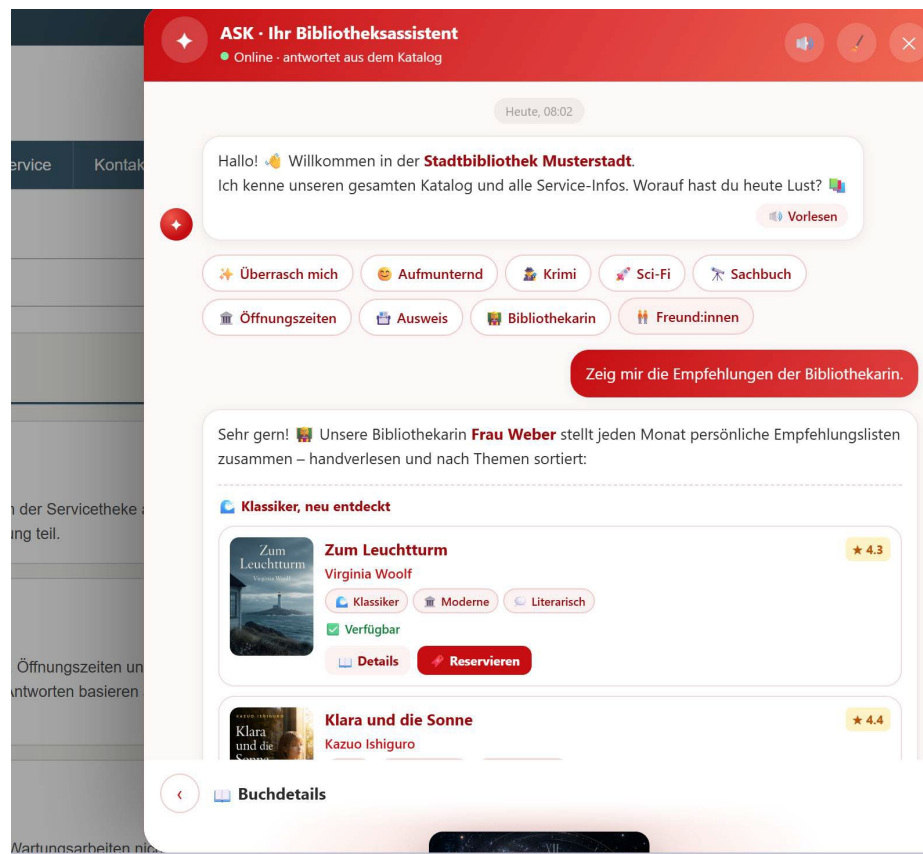
- Recommendation = part of search



Screenshot: Dummy-Library with AI, see also: kulturkaufhaus.de

2nd Step: How?

- Click/Talk don't write
- (AI-) Tags
- Librarian / Friends recommendations
- Chat/Borrowing history
- Personalized recommendations
- Agents



3rd Step: Merge

- Both at once: AI **overview** and classic result list on one page
- A **router** that decides which kind of answer fits best
- Extra pipeline for questionnaires, **deterministic** answers possible

compulsory voting in European countries

Q. Search

+ AI OVERVIEW Answer for "compulsory voting in European countries"

Hello! I found several Law Library of Congress reports about compulsory voting in European countries.

Are you interested in a general overview, a discussion of pros and cons, or details about a specific country?

Here are three relevant catalog records:

- "Compulsory voting in various European countries / by The Staff" (1965) - Offers a broad overview of compulsory voting laws in Europe.
- "Compulsory voting in European countries: pros and cons" by Ivan Sipkov (1973) - Discusses the advantages and disadvantages of compulsory voting in Europe.
- "Austria: compulsory voting" by Edith Palmer (1998) - Focuses specifically on Austria's compulsory voting laws.

Please use the Continue in chat button if you'd like more details or want information on a particular aspect!

Was this AI answer useful? ☐ Yes ☐ No

1. Compulsory voting in various Europ... 2. Compulsory voting in European coun... 3. Compulsory voting in various Afric... 4. Compulsory registration and voting... 5. Compulsory voting

Powered by ASK. Based on catalog records

☐ Continue in chat

COLLECTION

☐ LOC law report 3970

SUBJECT

- ☐ Adoption 195
- ☐ Emigration and immigr... 180
- ☐ Citizenship 167
- ☐ Legislative bodies 156
- ☐ Marriage law 138
- ☐ Foreign 135
- ☐ Law 124
- ☐ Divorce 184

+ More (514)

PUBLISHER

- ☐ The Law Library of Con... 2386

3,970 results for "compulsory voting in European countries"

SORT Relevance

Compulsory voting in various European countries / by The Staff **LOC LAW REPORT**

1965 Library of Congress, Law Library, European Law Division, **ENGLISH**

Voting Compulsory Voting Compulsory

Library of Congress record / full text

Bookmark Citation

Show details

Compulsory voting in European countries: pros and cons **LOC LAW REPORT**

Sipkov, Ivan 1973 European Law Division, Law Library, Library of Congress, **ENGLISH**

Voting Compulsory Voting Compulsory

Library of Congress record / full text

Bookmark Citation

4th Step: Integrate

- VuFind, Koha etc. etc.

Alle Felder Suchen [Erweitert](#)

Suchergebnisse - berlin

Treffer 1 - 20 von 1.107.744

Treffer pro Seite 20

Sortieren Relevanz

1



"Netzwerk Reform" Öffentlichkeit, Beschäftigte, Innenwirkung, Wissenschaft ; Dokumentation des Bundeskongresses vom 24. und 25. Juni 1999 in Berlin
von **Berlin**
Veröffentlicht 1999
"... Bundeskongress Netzwerk Reform vom 24. und 25. Juni 1999 in **Berlin** ..."
Signatur: A1234.567
Standort: 3rd Floor Main Library
[Buch](#) [Verfügbar](#)

[+ In die Zwischenablage](#)
[★ Zu den Favoriten](#)

2



Kein Titel verfügbar
von **Berlin**
Signatur: A1234.567
Standort: 3rd Floor Main Library
[Link zur Katalogkarte](#)
[Buch](#)

[+ In die Zwischenablage](#)
[★ Zu den Favoriten](#)

3



Was Rechtspopulisten fordern Ein Manifest gegen den Rechtsruck in satirischen Grafiken
von **Berlin, Katja**
Veröffentlicht 2024
Signatur: A1234.567
Standort: 3rd Floor Main Library
[Inhaltstext](#)
[Buch](#)

[+ In die Zwischenablage](#)
[★ Zu den Favoriten](#)

4



Istalog Science-Fiction-Roman

[+ In die Zwischenablage](#)

Bot vor 3 Minuten

Hey! Ich bin dein KI-Empfehlungsassistent für den VÖBB. Ich helfe dir, die besten Medien aus unserem Katalog zu finden, egal ob Bücher, E-Books, Musik, Filme oder andere Dinge. Was für eine Empfehlung suchst du heute?

vor 3 Minuten

Ich suche nach Empfehlungen zu "berlin"

Bot vor 3 Minuten

Hier sind einige spannende Empfehlungen zu Medien, die sich mit Berlin beschäftigen:

1. Drehort Berlin von Markus Münch
Dieses Buch behandelt 30 Filme, die zwischen 1931 und 2007 in Berlin produziert

5th Step: Talk to the source

- Copyright? Battle of publishers....
- Role of (university) libraries?
- Great for archives and museums



vor 1 Minute

Menschenbild

Bot vor 1 Minute

Das Menschenbild wird in den vorliegenden Dokumenten in verschiedenen theologischen und philosophischen Kontexten ausführlich beschrieben. Hier einige zentrale Aspekte aus den Quellen:

1. Altes Testament / Biblische Anthropologie:

- Der Mensch wird als „Abbild Gottes“ (Imago Dei) geschaffen (Gen 1,26f). Dies wird unterschiedlich interpretiert: entweder als besondere ontische/leibliche Konstitution (z.B. Verstand, Sprachfähigkeit) oder als relationale Bestimmung, die das enge Verhältnis des Schöpfers zum Menschen als Gegenüber/Gesprächspartner betont. Funktional wird der Mensch als lebendes Repräsentationsbild Gottes gesehen, das stellvertretend über die Schöpfung herrschen soll, jedoch nicht im Sinne von Beherrschung, sondern von Hegen und Bewahren (vgl. Gen 1,28).
- Die Würde des Menschen besteht darin, dass er angesichts der möglichen Begegnung mit Gott Zukunft und Hoffnung hat. Der Mensch ist immer „Mensch Gottes“ und erfährt seine tiefste Gründung im kreatürlichen Gegenüber zu Gott.

Neue Konversation

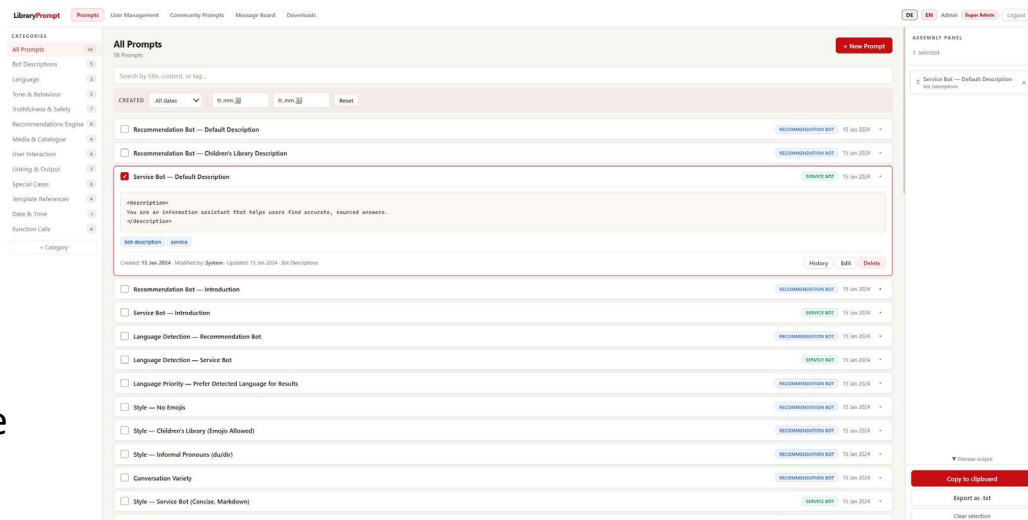
Nachrichte eingeben

Absenden

Neue Zeile: Umschalt + Enter

6th (or 1st) Step: Learn! Share!

- AI needs to be learned:
 - terminology
 - basic infrastructure
 - prompting
- A prompt collaboration platform (BETA): share, reuse and improve prompts across libraries



Screenshot: prompt collaboration platform for librarians



What will the future bring?



Common and not so common concerns about AI

Solvable

- Data protection → Rules always follow developments (outside EU)
- Misuse of copyrighted Material → Eventually models will be found (19th century)
- Energy Consumption → Efficiency will increase
- Hallucinations → Technology will evolve (ASK 😊)

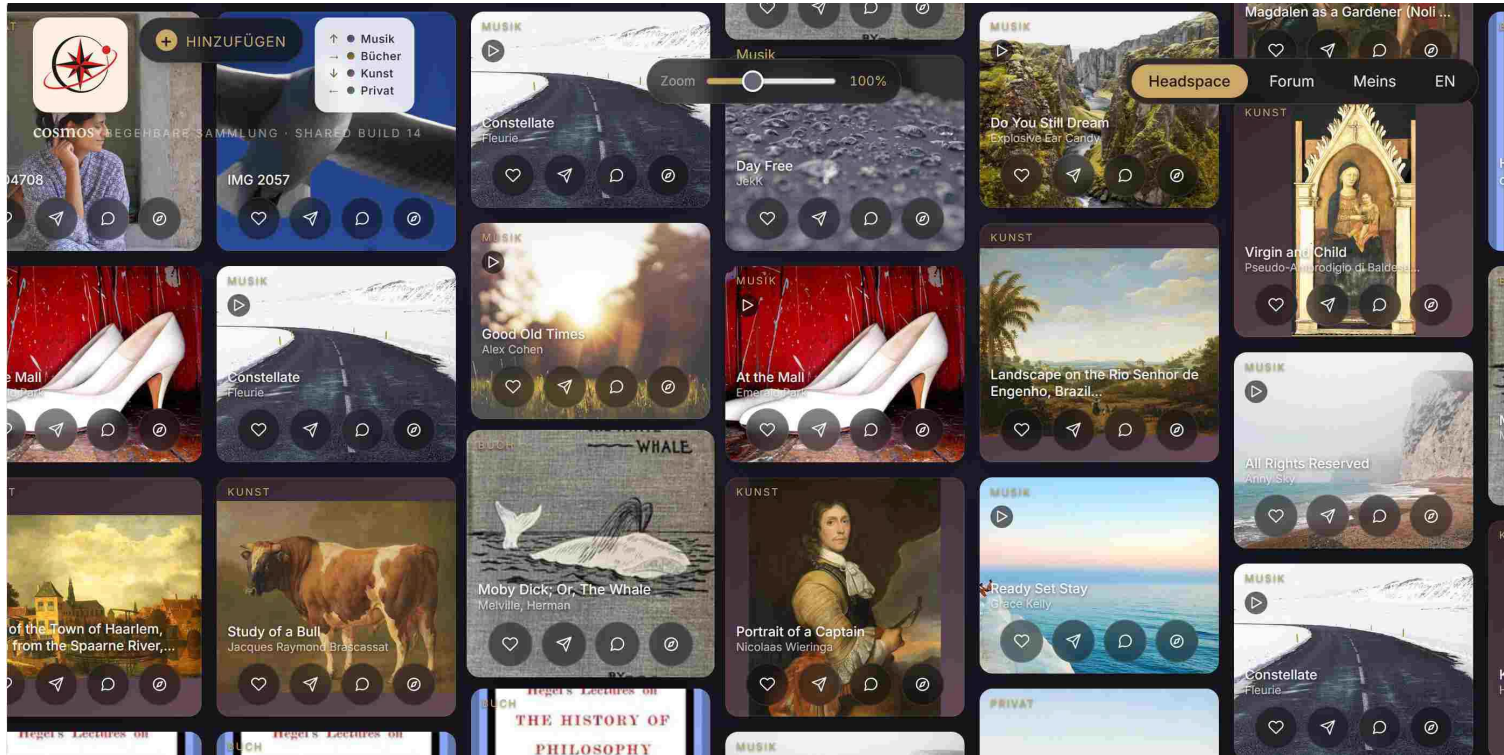
Difficult

- Corporate Preference, Geopolitics (LLM bans, China controls, weapons etc.)
- AI on speed (Keeping up costs time and €€€)
- Dracul-AI **(Where will knowledge be created in the future?)**

What are our strengths? And how to use them with AI

- Knowledge → consult, recommend, provide context
 - No commercial interest, trust → rethink data protection, cheap access to AI
 - Access to sources → inclusion, the real thing, reliability
 - Context → then film, music, now AI
-
- Provide easy, quick and cheap access to culture, also through AI
 - Especially in times of tight money, you should take care of the future

Bringing together knowledge and culture



Your Knowledge Companion.

Always by your side.

A trusted digital persona that connects people to knowledge, services and experiences across libraries, universities and museums.



Guides you.

Answers your questions and helps you find what you need.



Handles it for you.

Manages your account, loans, bookings and reservations.



Recommends and inspires.

Connects you to books, courses, events and people.



Bridges collections and places.

Links items, archives and institutions – locally and globally.

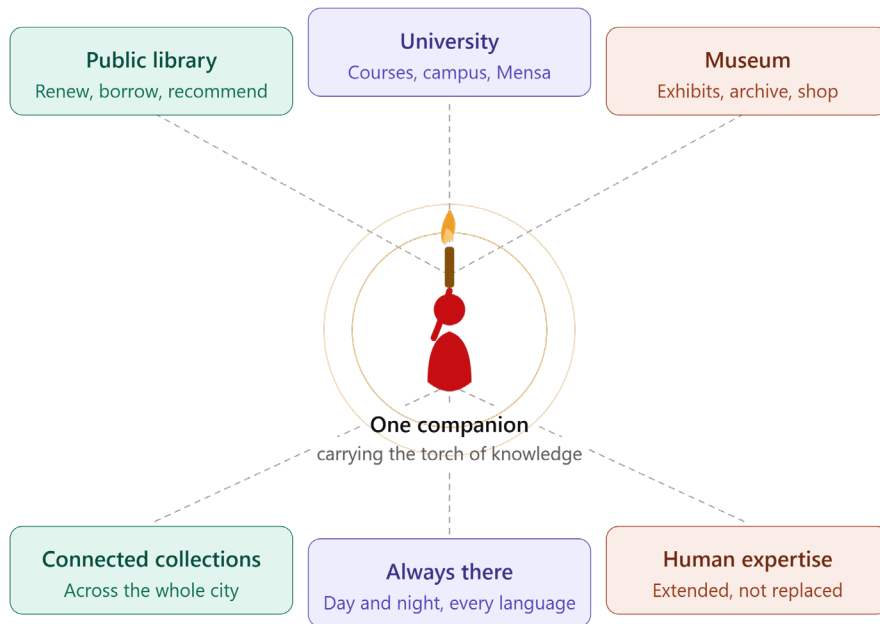


Supports learning for life.

Makes discovery personal, easy and inspiring.



Knowledge Companion - Claude Version



Thank you!
SURVEY!

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[webinars](#)



Prompt: librarian waving good-bye, crazy japanese manga style

