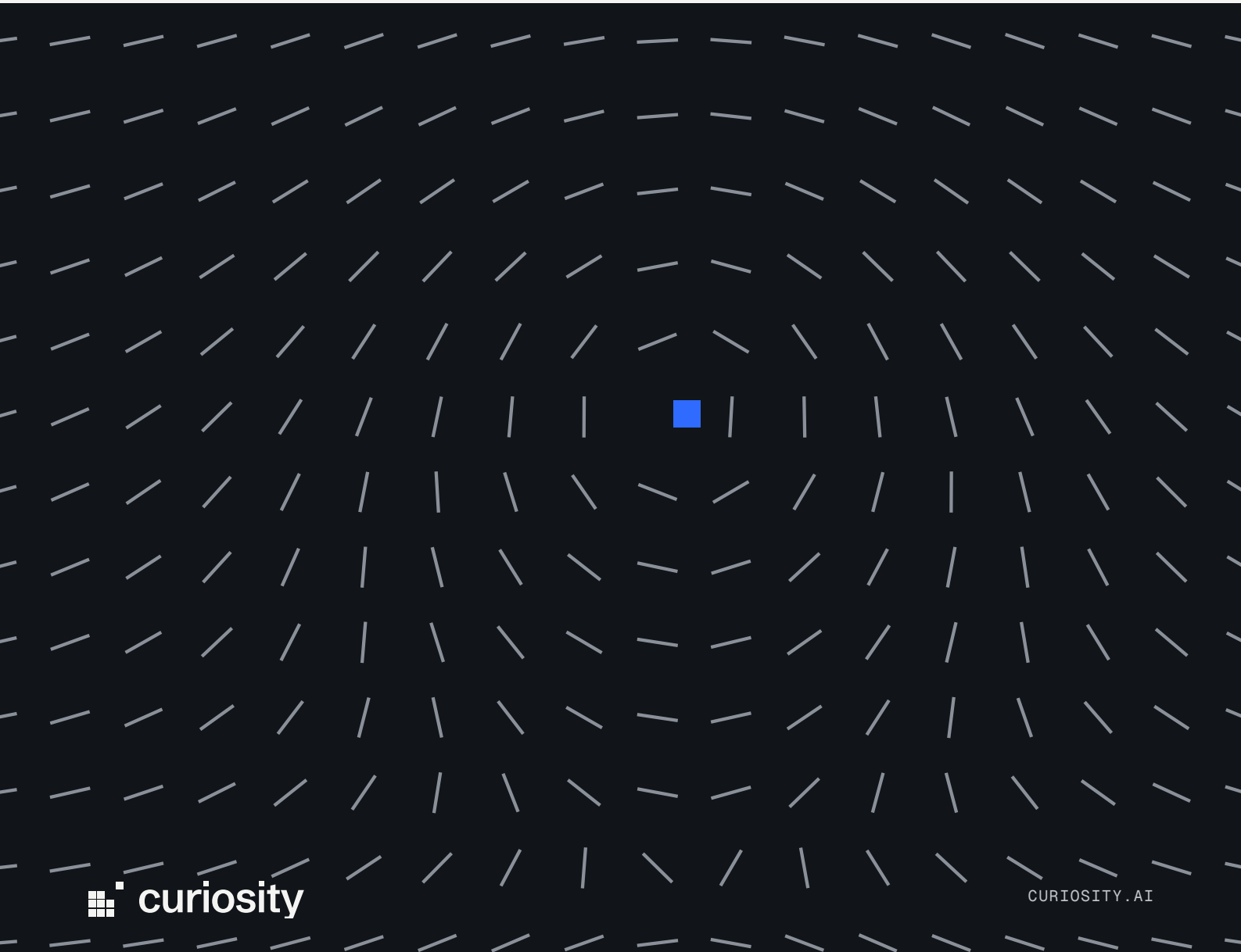


What you need before you start.

The hardware, network, data, language model, people and permissions a Curiosity Studio project requires. For IT leads, architects and project owners.

TOPIC	FOR	DATE
Setup requirements	IT leads and project owners	October 2026



Six requirements at a glance

AREA	WHAT YOU PROVIDE	REQUIRED FOR A PROOF OF CONCEPT	PAGE
Hardware	One machine, on premises or private cloud	Yes	03
Network	A web address and developer access	Yes. Links to sources: no	04
Data	Access to the data, and permission to use it	Yes. A data dump is enough	05
Language model	A model that can call tools	Yes	06
Expertise	Domain experts and end users	Yes	07
Permissions	Source permissions, optional sign-in	No, unless tested	08

LIVE DATA IS NOT REQUIRED FOR A PROOF OF CONCEPT

Studio always needs the data, but a data dump is enough to prove the idea. Live connections to the source systems are needed only for a production system, and permissions only when the pilot tests them. Page 05 explains the difference.

Hardware

Studio runs on one machine, on premises or in a private cloud, as a container or a Windows service. It needs at least 2 GB of RAM, and we recommend 16 GB or more. Storage holds a cache that stays in sync with your sources: indexes, indexed text for display and highlighting, and thumbnails. Plan for 5 to 10 percent of the source data size. For a live data feed, the machine must also reach each source over the network.

SCALE	USERS	GRAPH SIZE	CPU AND RAM	DISK
Small team	Up to 50	Under 1M nodes	4 to 8 cores, 16 GB	200 GB SSD
Mid-size	Up to 500	Under 10M nodes	8 to 16 cores, 32 GB	500 GB SSD
Large	Up to 5,000	Under 50M nodes	16 to 32 cores, 64 to 128 GB	1 TB+ NVMe
Larger	More than that	More than that	Architecture review	With Curiosity

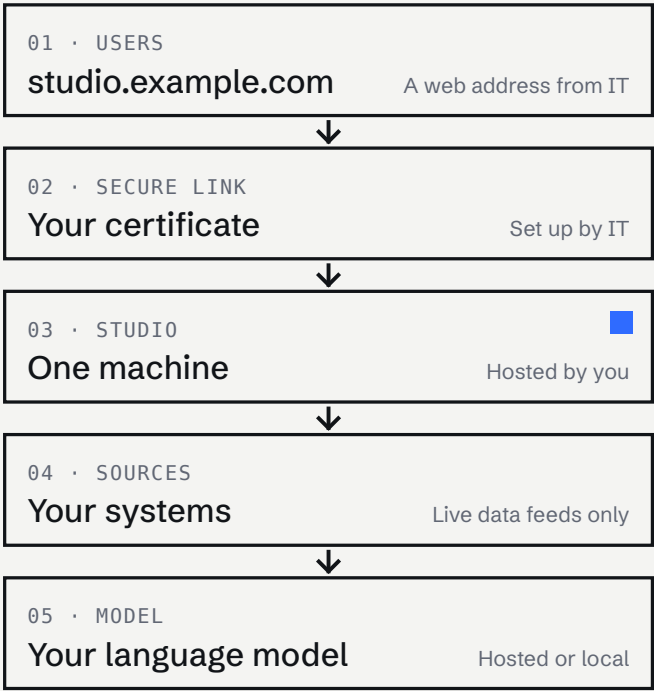
READ IT THIS WAY

Starting points, not guarantees. Memory has the biggest effect: more RAM keeps more of the index resident. Use SSD storage, and size the disk from your data.

DOCS: [WORKSPACE-DEPLOYMENT/INSTALLATION](#) · [WORKSPACE-DEPLOYMENT/OPERATIONS/SCALING](#)

Network

Users open Studio at a web address your IT team sets up. Developers need access to the machine to set Studio up. A live data feed also needs a connection from the machine to each source. A proof of concept with data dumps does not.



DOCS: [WORKSPACE-DEPLOYMENT/INSTALLATION/DOCKER](#)

01 · WEB ADDRESS

Ask your IT team for one name, for example `studio.example.com`.

02 · DEVELOPERS

Developers need access to the machine to set Studio up and to connect your data.

04 · CONNECTIONS

For live data only. Your IT team allows the machine to reach each source. A hosted model needs a connection too; a local model does not.

Data

Studio always needs access to your data, a proof of concept included. Start by listing your sources and checking what each one holds.

SOURCE TYPE	EXAMPLES	ACCESS STUDIO NEEDS	CONNECTOR
Files and documents	SharePoint, Google Drive, S3	Read access to files and metadata	Standard
Knowledge and tickets	Confluence, Jira	A read account or token	Standard
Business systems	SAP, SQL databases	A read only account, or an export	Custom
Exports	CSV, JSON, database dump	The files themselves	Custom

	METADATA	FILES
What it is	Titles, authors, dates, folders, record fields	The content: documents, PDFs, attachments
What to check	The account can list items	The account can also open and read them

PERMISSION · YOUR DPO	ACCESS · SOURCE OWNERS
Your data protection officer confirms that you may use the data. Connectors copy what they map into the graph, so Studio is a second place the data is held.	The IT team that manages each source creates an account or token that can read it. Ask early, because the request passes through their process.

PROOF OF CONCEPT

A data dump is enough. It needs no accounts and no live links to the sources. A dump may not carry permissions, so request them with it if the pilot must test them.

DOCS: [WORKSPACE-DATA-AND-INTEGRATIONS/INTEGRATIONS](#) · [WORKSPACE-DATA-AND-INTEGRATIONS/DATA-INTEGRATION/CONNECTORS](#)

Language model

Studio's assistant needs a language model to answer questions and to call tools on your graph. You choose where the model runs: at a provider, in your own cloud account, or on your own hardware.

OPTION	EXAMPLES	THE MODEL RUNS	PROMPTS LEAVE YOUR NETWORK
Hosted API	OpenAI, Anthropic, Mistral	At the provider	Yes, to the provider
Your cloud account	Azure OpenAI, AWS Bedrock	In your cloud tenant	To your cloud account
Local server	Ollama, vLLM, any OpenAI compatible server	On your hardware	No

TOOL CALLING

Studio's assistant uses tools to query your graph. The model must support tool calling. A model that chats well but cannot call tools will not work.

Studio also needs an embedding model for similarity search. The built-in models run on a CPU with no external network. A local language model needs its own hardware: 8 to 16 GB of RAM for a 7 to 8 billion parameter model, and a GPU plus 64 GB for 70 billion.

DOCS: [WORKSPACE-BUILD/AI-AND-AGENTS/AI-INTEGRATIONS/LLM-CONFIGURATION](#)

Expertise

These are project requirements, not technical ones. Name the people and agree how much time each can give before the project starts.

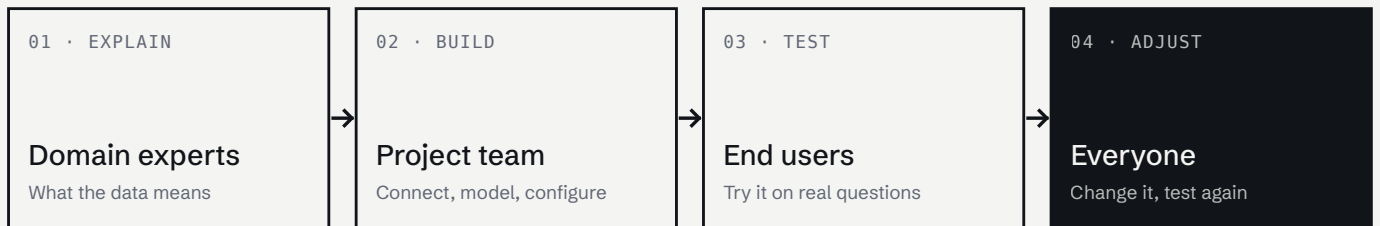


FIG. 6.1 · THE LOOP. THE PEOPLE ON BOTH SIDES OF THE BUILD ARE THE REQUIREMENT.

GROUP 1 · DOMAIN EXPERTS

They explain the data. They know what a part number encodes, which records belong together and which source to trust. You need them while the data is connected and modeled.

GROUP 2 · END USERS

They explain the work. They know the question they ask and what a good answer looks like. You need them to test every iteration.

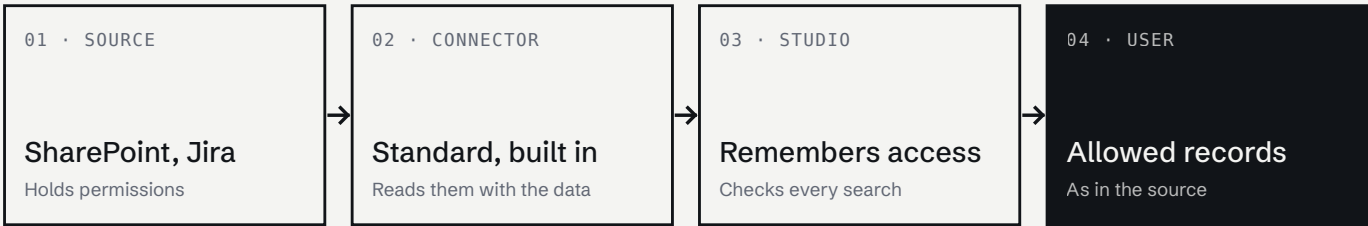
KEY POINT

Involve end users from the first iteration, not at acceptance.

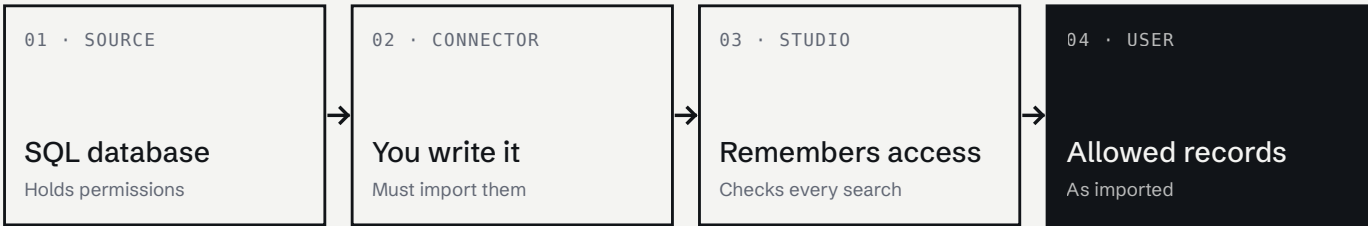
Permissions

Studio shows each person only what the source system already lets them see. A standard connector carries the permissions over by itself. A developer must carry them over in a custom connector.

STANDARD CONNECTOR: THE PERMISSIONS COME WITH THE DATA



CUSTOM CONNECTOR: YOU IMPORT THE PERMISSIONS



PROOF OF CONCEPT	SIGN-IN · OPTIONAL	ENCRYPTION
Not recommended unless testing permissions is part of the pilot. A pilot can run without them.	A pilot can use local accounts. Your company sign-in can be added for live use.	Your IT team sets an encryption key for stored data and keeps it safe.
DOCS: WORKSPACE-DEPLOYMENT/ADMINISTRATION/SSO · WORKSPACE-DATA-AND-INTEGRATIONS/INTEGRATIONS		

Describe it Monday. Ship it this week.

Read the documentation pages linked on each page. Then send us your data sources and your hosting plan, and we will check them against these requirements with you.

curiosity.ai/request-demo

DATA RESIDENCY

EU, on premises or private cloud

COMPLIANCE

GDPR

MEMBER

KI Bundesverband