

Built-in AI

Build features powered by AI on the web, including foundation models and expert models built into the browser

Get started...

Join the preview program →...

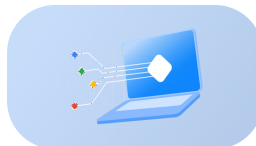


Built-in AI

With built-in AI, your browser provides and manages foundation and expert models.



(<https://developer.chrome.com/docs/ai/built-in/overview>)



(<https://developer.chrome.com/docs/ai/get-started>)



(<https://developer.chrome.com/docs/ai/built-in-apis>)

Get
started

Available
APIs

Built-in AI

(<https://developer.chrome.com/docs/ai/built-in/overview>)

Your website or web application can perform AI-powered tasks, using browser managed AI models and APIs.

(<https://developer.chrome.com/docs/ai/get-started>)

Learn the requirements to start building features and applications with built-in AI.

(<https://developer.chrome.com/docs/ai/built-in-apis>)

Review the APIs and their availability status to use with Gemini Nano in Chrome.

Dive into the APIs

Join the origin trials and start using these APIs in production.



(<https://developer.chrome.com/docs/ai/proofer-api>)

Proo
fread



(<https://developer.chrome.com/docs/ai/writer-api>)

Writ
er



(<https://developer.chrome.com/docs/ai/rewriter-api>)

Rewr
iter



(<https://developer.chrome.com/docs/ai/translator-api>)

Trans
lator

er API

(<https://developer.chrome.com/docs/ai/proofreader-api>)

Improve your content readability and grammar.

API

(<https://developer.chrome.com/docs/ai/writer-api>)

Create new content that conforms to a specified writing task.

API

(<https://developer.chrome.com/docs/ai/refiner-api>)

Refine existing text by making it longer or shorter, or changing the tone.

API

(<https://developer.chrome.com/docs/ai/translator-api>)

Live translate text in the browser using local AI models. Help users contribute in their first language.



(<https://developer.chrome.com/docs/ai/language-detection>)



(<https://developer.chrome.com/docs/ai/summarizer-api>)



(<https://developer.chrome.com/docs/ai/prompt-api>)

Lang uage Dete ctor API

(<https://developer.chrome.com/docs/ai/language-detection>)

Identify the language used in any given text with the Language Detector API.

Sum mari zer API

(<https://developer.chrome.com/docs/ai/summarizer-api>)

Generate different types of summaries in varied lengths and formats, such as sentences, paragraphs, bullet point lists, and more.

Prom pt API

(<https://developer.chrome.com/docs/ai/prompt-api>)

Discover the infinite possibilities of the Prompt API.

Build with AI

Solve for your use case.

Prompt API polyfill

(<https://developer.chrome.com/docs/ai/prompt-api-polyfill>)

Use the Prompt API polyfill to build AI features without worrying about browser support.

Hybrid AI prompts with Firebase AI

Logic

(<https://developer.chrome.com/docs/ai/firebase-ai-logic>)

Use Firebase AI Logic with your AI apps for a cloud fallback for client-side AI.

Session management with the Prompt API

(<https://developer.chrome.com/docs/ai/session-management>)

This guide introduces best practices for session management with the language model.

Task API polyfill

(<https://developer.chrome.com/docs/ai/task-api-polyfill>)

Use the built-in AI task API polyfill to build AI features without worrying about browser support.

Summarize in small context windows

(<https://developer.chrome.com/docs/ai/scale-summarization>)

Discover the summary of summaries technique to distill complex content client-side.

Session compacting with the Prompt API

(<https://developer.chrome.com/docs/ai/session-compacting>)

Detect context overflow and extend conversations indefinitely by summarizing the history with the Summarizer API and restarting the session.

Best practices

Evaluate product reviews

(<https://developer.chrome.com/docs/ai/evaluate-reviews>)

Use server-side generative AI to evaluate reviews. Inference occurs on a server.

Help users share useful feedback

(<https://developer.chrome.com/docs/ai/product-reviews-on-device>)

Explore on-device AI solutions to help users write insightful reviews.

On-device translation with AI

(<https://developer.chrome.com/docs/ai/translate-on-device>)

Empower global customer support with the Translator API.

Extensions and AI

(<https://developer.chrome.com/docs/extensions/ai>)

Enhance the browsing experience with browser customization and control over web content. Build next-level extensions with AI.

Cache AI models

(<https://developer.chrome.com/docs/ai/cache-models>)

Help your applications launch faster by caching the the model on-device.

Stream LLM responses

(<https://developer.chrome.com/docs/ai/streaming>)

Understand what streaming is and how it works with AI and LLMs.

Render LLM responses

(<https://developer.chrome.com/docs/ai/render-llm-responses>)

Debug Gemini Nano

(<https://developer.chrome.com/docs/ai/debug-gemini-nano>)

Use a special Chrome-internal page to see

Use these frontend best practices to display streamed responses from Gemini.

Inform users of model download

(<https://developer.chrome.com/docs/ai/inform-users-of-model-download>)

Let the user know when the model is downloading and when it's ready to be used.

Built-in AI do and don't

(<https://developer.chrome.com/docs/ai/built-in-ai-dos-donts>)

Learn about technical considerations and UX guidance when using built-in AI.

debugging details on prompts to Gemini Nano.

Understand model management in Chrome

(<https://developer.chrome.com/docs/ai/understand-built-in-model-management>)

Learn how Google Chrome manages the built-in AI model's download, updates, and purges.

Case studies





The Summarizer API helps users comprehend the points of redBus and Miravia's reviews

[The Summarizer API helps redBus and Miravia create helpful user review summaries](https://developer.chrome.com/blog/summarizer-redbus-miravia?hl=en)

(<https://developer.chrome.com/blog/summarizer-redbus-miravia?hl=en>)
Updated May 27, 2026

The Summarizer API lets you generate different types of summaries in varied...



Build a guessing game with the Prompt API

[Build a guessing game with the Prompt API](https://developer.chrome.com/blog/ai-guessing-game?hl=en)

(<https://developer.chrome.com/blog/ai-guessing-game?hl=en>)
Updated October 10, 2025

My game of Guess Who demonstrates how AI can be used to build thoughtful...



CyberAgent enhanced content creation with Prompt API

[Empowering bloggers: How CyberAgent deployed built-in AI to enhance content creation](https://developer.chrome.com/blog/prompt-api-blog-cyberagent?hl=en)

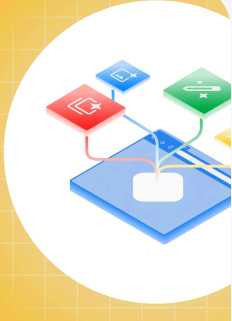
(<https://developer.chrome.com/blog/prompt-api-blog-cyberagent?hl=en>)
Updated May 21, 2025

Discover how CyberAgent, a leading Japanese internet business...

[More](#) ▾

AI and Gemini Nano news

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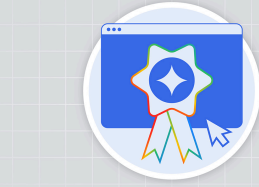


Join the WebMCP origin trial

(<https://developer.chrome.com/blog/ai-webmcp-origin-trial?hl=en>)

Updated June 9, 2026

Build structured tools for your website, so agents can complete tasks accurately.

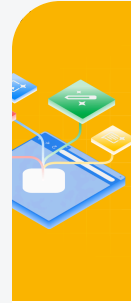


Take our course about AI evaluations

(<https://developer.chrome.com/blog/announce-ai-evals-course?hl=en>)

Updated April 14, 2026

Over the next several weeks, we'll release lessons on AI evals.



**WebMCP is
available for
early preview**

WebMCP is available for early preview

(<https://developer.chrome.com/blog/webmcp-epp?hl=en>)

Updated February 10, 2026

WebMCP aims to provide a standard way for exposing structured tools,...

[More](#) ▾

Web AI at I/O

(https://io.google/2025/explore/?q=web&utm_source=ai,web&utm_medium=embedded_marketing&utm_campaign=&utm_content=)

Harness the power of Gemini Nano in Chrome with our built-in AI APIs.



(https://io.google/2025/explore/?q=web&utm_source=ai,web&utm_medium=embedded_marketing&utm_campaign=&utm_content=)

Practical
Chrome...

Practical built-in AI with Gemini Nano in Chrome

Learn how to use built-in AI APIs landing in

The future
Chrome...

Chrome Extensions with Gemini

You can build client-side and cloud AI to optimize the web and browser for your needs and

Web AI
Chrome...

Web AI use cases and strategies in the real world

With libraries like MediaPipe, LiteRT, and

Chrome, to enable your web app to translate, summarize, write, and rewrite content for your users. We discuss how to build hybrid workloads, and look to the future of built-in AI in the browser.

Discover the ...

the needs of your customers.

Chrome Ext...

Transformers.js, and cutting-edge Web APIs like WebAssembly and WebGPU, you can build incredible AI-driven experiences.

Read the rec...

Introducing web AI

WEB.DEV

([HTTPS://WEB.DEV/EXPLORE/AI](https://web.dev/explore/ai))

What is AI?

(<https://web.dev/articles/ai-overview>)

Understand the basics and definitions of the

WEB.DEV

([HTTPS://WEB.DEV/EXPLORE/AI](https://web.dev/explore/ai))

Ethics and AI

(<https://web.dev/articles/ai-ethics>)

As web practitioners, it's critical that we

WEB.DEV

([HTTPS://WEB.DEV/EXPLORE/AI](https://web.dev/explore/ai))

Improve client-side AI

(<https://web.dev/articles/client-side-ai-performance>)

various emerging technologies, often referred to as AI.

[Read the doc...](#)

build new technology thoughtfully and responsibly.

[Read the doc...](#)

Discover techniques to use client-side AI, which offers benefits such as low latency, reduced server-side costs, increased user privacy, and more.

[Read the doc...](#)