

TypeWhisper Open Source & Accessibility Initiative

Local speech input · Assistive text workflows · Digital participation

TypeWhisper is opening selected building blocks for local speech input, assistive text workflows, and more accessible digital work. The goal is a reusable open-source core for people who cannot type continuously, quickly, or without pain – local, documented, and independent from any single cloud service.

Why

- Many digital tools still assume fast keyboard and mouse work.
- That leaves out people with motor limitations, chronic pain, fatigue, tremor, visual impairment, dyslexia, or temporary injuries.
- Local speech input can improve digital participation without unnecessarily sending sensitive audio or draft text to cloud services.

What should become open

- Guides and integration examples for local speech engines.
- Assistive text workflow templates for dictation, correction, rewriting, and repeatable text actions.
- Interface examples for CLI, local API, plugins, and organizational deployment patterns.
- Test material for workplace, education, and advisory settings.

Project status

- Available: system-wide dictation, file transcription, workflows, local engines, plugins, HTTP API, and CLI.
- Planned: open documentation, example workflows, integration guides, test material, and selected technical building blocks.
- Wanted: pilot partners, funding partners, accessibility feedback, nonprofit operators, employers, and research partners.

Partners wanted

- Accessibility and inclusion organizations
- Nonprofit operators and foundations
- Research, education, and civic tech
- Open-source, AI, and speech teams
- Employers and pilot workplaces

Contact

Send a short note about the people you support, the workflow you want to improve, and whether you are thinking about funding, a pilot, or technical collaboration.

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The initiative describes planned and partly existing open-source and accessibility building blocks. TypeWhisper does not replace medical advice and is not positioned as a medical device.