

UTW 2025 Unconference Session #1 - AI, Unicode, i18n

Nov 13, 2025

At Room EQI

1. Data side

E.g. ask AI to generate unicode data for a new locale

2. AI agent to do repetitive tasks

UX:

- AI to recommend internationalized UX designs

Coding:

- i18n bug detection, and fix it with a PR.
- Automate localization testing

Communications

- ## 3. Use AI to do the evangelization - tasks that need to be done but hard to get people to do it. Use AI to educate, remind or do it for people.

4. Content part

Use AI to check the source content quality, and the quality of translations.

Nobody is reading the documentation. Use AI to read the documentation.

Unsure about using AI to write the documents - quality concern. AI needs good documents to do the job well.

Train the AI to do the task following the docs.

Feed the AI with data of good vs bad. Consider when the data can be multilingual, different data requirements by locales.

Use AI for not only localization, but also accessibilities.

- Are the results reliable? Not perfect, but better than nothing. People start to act on the AI suggestions.
- Reinforcement training? Don't stop at what AI can do now, but train it to do better.

Why use AI when we've had working docs, codes and tools? Are we reinventing the wheel?

- Rules have limitations. Works better for content, much more difficult for the codes.
- Modern development at the speed they need, esp. Junior engs - they don't think about accessibility or localization.

Years of evangelization, yet unsatisfied results. Why not change the way of thinking, and use AI to integrate i18n into the work?

How to use AI to:

1. Make people better use Unicode libraries
2. Make Unicode work easier
3. Enable Unicode to do things that we can't do right now.

Idea world vs. reality

- Idea: C-levels put global first
- Reality: people don't attend globalization training. Resources and attention are limited.

Paths:

1. When developers code, use AI to flag errors, give explanations/guidelines and give suggestions / fixes
2. Train the code-generating LLM to generate i18n-proper codes.
 - a. Not the goal of LLM providers
 - b. But could provide an IDE with set of "Global-ready" prompts on top of code-generating LLM
3. Middle path: contributing to a common library for AI to use

MCP: define what the MCP is intended to do, train it to do it well.

Create good documentations for AI to use.

Use AI to aid developers to write good documentations.

Style guides for human vs for LLM are different. Need to think about what the LLM needs.