

...meine Danks zu leben, und ich werde sie sehr lieben. Da ich aber
Korrespondenzen und auch die Anwesenheit bei der Sache, so habe ich mich
Büchlein für mich zu sorgen, als mich zu einem großen Plan
vorwärts anzubilden. Diesen Winter soll ich mich bemühen um

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Transcription of Czech administrative records written in Kurrent script into Latin script using machine learning, OCR, and AI

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kurent.pridat.eu - our tool

What Is Kurrent?

Kurrent is a historical cursive script used in German-speaking regions and neighboring areas, including Czech administrative records. It is often difficult to read today because of its distinct letterforms, abbreviations, and inconsistent handwriting styles.

The Challenge of Czech Kurrent

Czech Kurrent documents pose a particular challenge for transcription because they combine old script conventions with historical vocabulary, local abbreviations, and variable writing quality. This makes accurate conversion into Latin script essential for access and further analysis.

Importance and Existing Tools

Why This Matters Today

Historical Access

Transcription makes archival records readable for researchers, genealogists, and local communities.

Preservation

Digital transcription helps protect fragile documents while keeping their content accessible.

Analysis at Scale

Accurate text conversion enables search, comparison, and broader historical analysis across collections.

Existing Tools & Approaches

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Dedicated online platform for transcribing Kurrent script into Latin script.

HTR Tools

Transkribus program, PERO OCR tool, TrOCR-Kurrent, inkCapture tool,...

AI Models

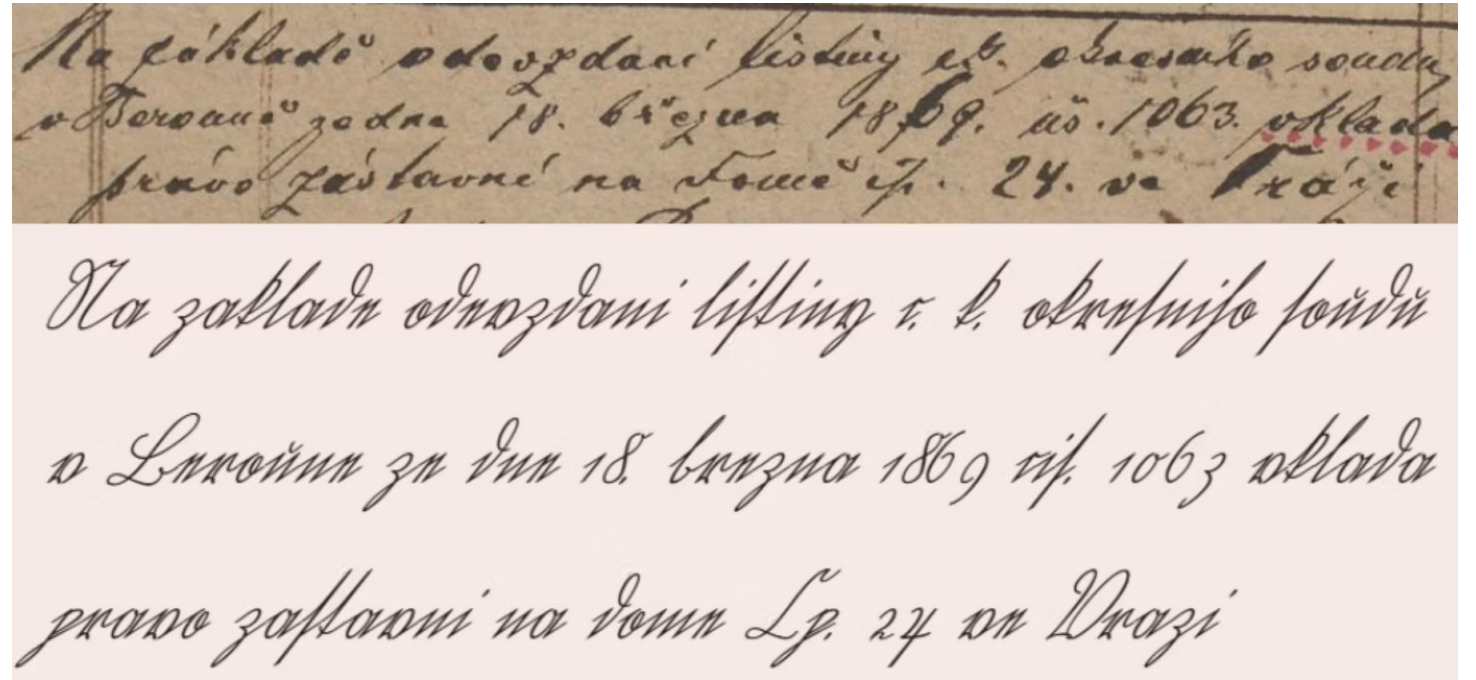
ChatGPT, Gemini, Kimi, Claude Sonnet,...

Other tools

Google Lens,...

Online Tools and AI Models

The Online Transcription Tool



kurent.pridat.eu - Sample transcription using our tool

The online tool, kurent.pridat.eu, serves as a dedicated platform for transcribing Kurrent script. This tool supports various fonts, enabling users to convert historical administrative records and other documents into Latin script with accuracy and efficiency.

ChatGPT-5.4

Gemini 3.1 Pro

Claude Sonnet 4.6

Kimi K2.5

Mistral

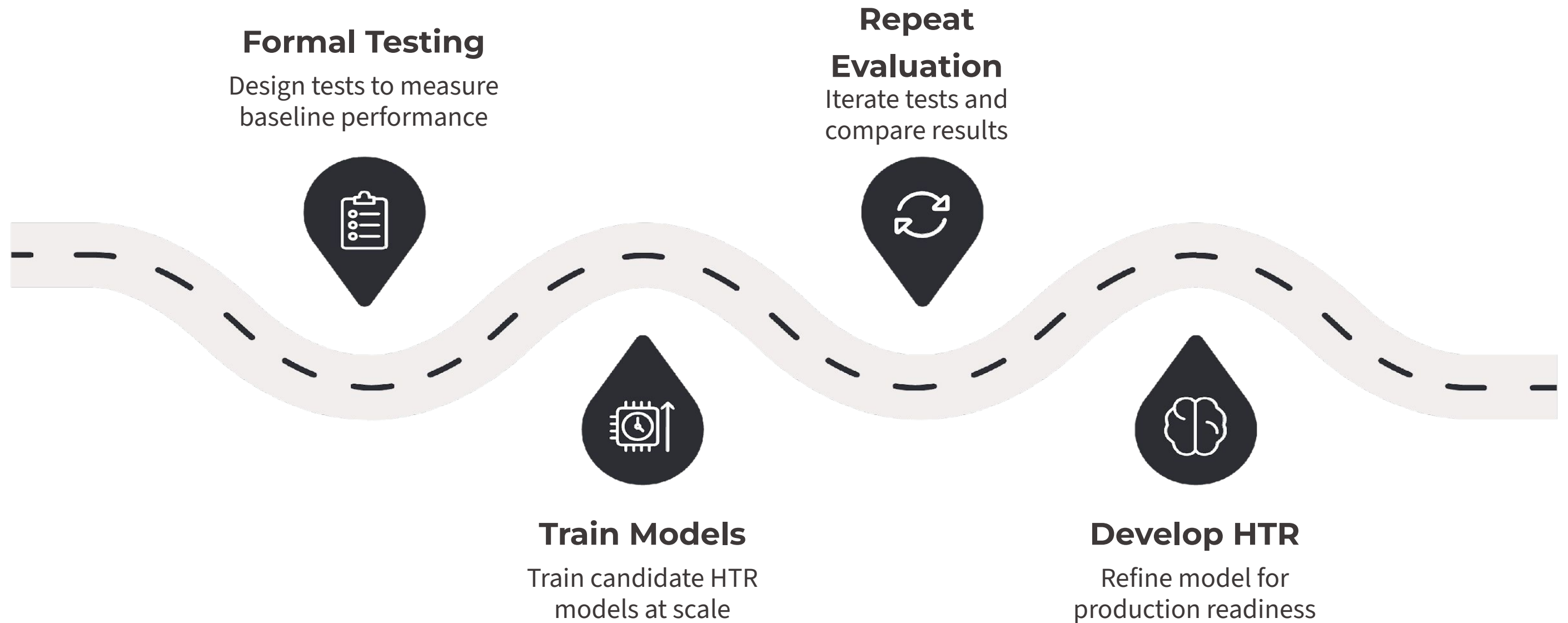
Nemotron 3 Super

xAI: Grok

Google Lens

Research Roadmap and Vision

Research Roadmap



This roadmap outlines the systematic approach to developing and refining the transcription model, ensuring robustness and accuracy through iterative testing and training cycles.

Vision & Impact

New HTR Model

Development of a highly accurate Handwritten Text Recognition (HTR) model specifically tailored for Czech Kurrent script, capable of handling its unique complexities and variations.

At-Scale Transcription

Enable the transcription of vast quantities of historical administrative records and other documents written in Kurrent script, making previously inaccessible information digitally available and searchable.

Practical Applications

Facilitate new research opportunities in history, linguistics, and social sciences by providing rich, machine-readable datasets. Support genealogical studies and cultural heritage preservation efforts.

Thank You

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Conference Details:

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