

Deploying Language Technologies for Underserved Communities



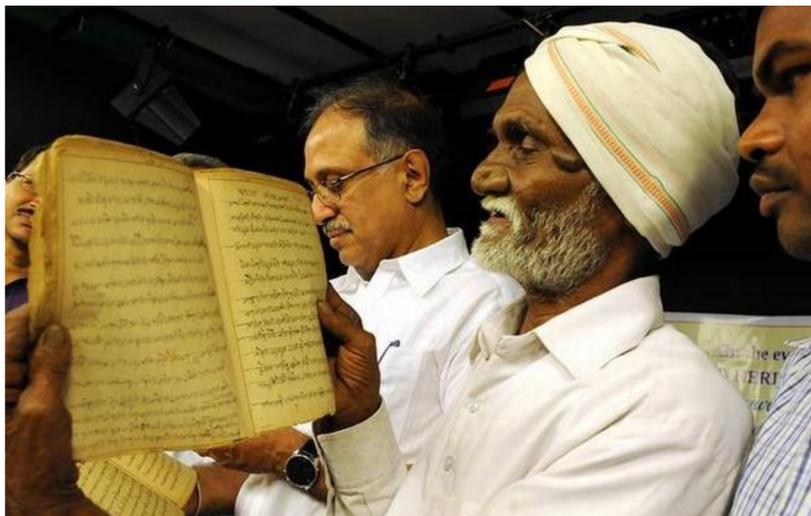
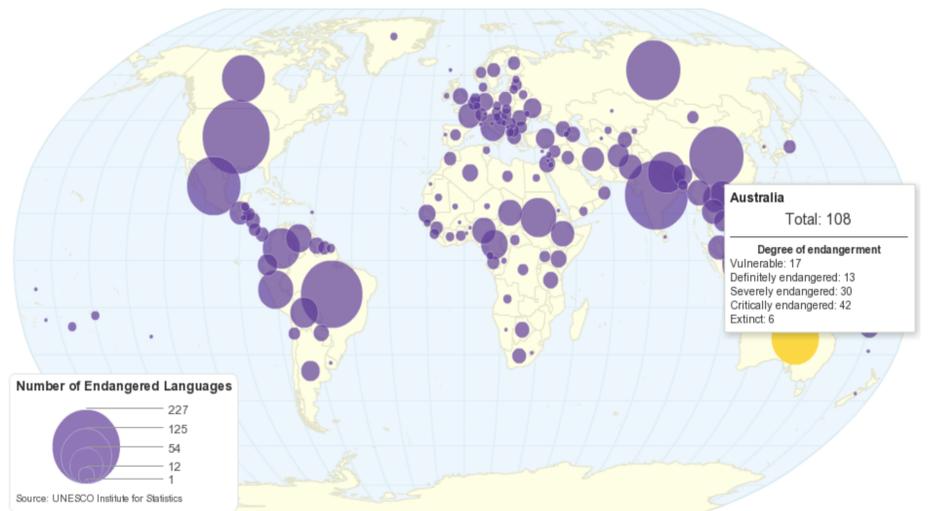
ELLORA

Aim

“Empower every person and every organization using underserved languages to achieve more”

Value Proposition

- Research : State-of-the-art in technology -> deployable systems in resource constrained settings
- Social : Address the needs and aspirations of underserved communities



Gondi Language

What?

- 3 million speakers; 6 states of Central India
- Very rich folk literature, like marriage songs
- Only 1/5th of Gond people can speak it

Why worry?

No access to LTs in Gondi with excess access to the same in dominant languages like English and Hindi are pushing Gondi to extinction.

Adivasi Radio

Value Proposition

- Major impact on the community by providing access to news in the local language
- By-product: Books and other Data in Gondi

Methodologies

- Build text-to-speech models to read out news
- Build machine translation models to translate news content

