



# Localization – For the User, By the Community

**Satish Mohan**



# Agenda

- **Red Hat's Engineering Efforts**
- **Current Challenges**
- **Proposed Solutions to Current Challenges**
- **Partnerships for Progress**
- **Q & A**



# Efforts @ Red Hat

- 23 Supported Languages
  - 11 Indian languages
- User Interface – desktop and beyond
- Manuals, guides
- Management tools
- [fedoraproject.org](https://fedoraproject.org)

- **81 languages, 2000+ contributors**



- |                                 |                   |                          |
|---------------------------------|-------------------|--------------------------|
| → Afrikaans (af)                | → Finnish (fi)    | → Northern Sotho (nso)   |
| → Albanian (sq)                 | → French (fr)     | → Norwegian (no)         |
| → Amharic (am)                  | → Galician (gl)   | → Norwegian Bokmål (nb)  |
| → Arabic (ar)                   | → Georgian (ka)   | → Norwegian Nynorsk (nn) |
| → Armenian (hy)                 | → German (de)     | → Oriya (or)             |
| → Assamese (as)                 | → Greek (el)      | → Persian (fa)           |
| → Azerbaijani (az)              | → Gujarati (gu)   | → Polish (pl)            |
| → Basque (eu)                   | → Hebrew (he)     | → Portuguese (pt)        |
| → Basque eu_ES (eu_ES)          | → Hindi (hi)      | → Punjabi (pa)           |
| → Belarusian (be)               | → Hungarian (hu)  | → Romanian (ro)          |
| → Belarusian Latin (be@latin)   | → Icelandic (is)  | → Russian (ru)           |
| → Bengali (bn)                  | → Iloko (ilo)     | → Serbian (sr)           |
| → Bengali (India) (bn_IN)       | → Indonesian (id) | → Sinhala (si)           |
| → Bosnian (bs)                  | → Italian (it)    | → Slovak (sk)            |
| → Brazilian Portuguese (pt_BR)  | → Japanese (ja)   | → Slovenian (sl)         |
| → British English (en_GB)       | → Kannada (kn)    | → Spanish (es)           |
| → Bulgarian (bg)                | → Korean (ko)     | → Swedish (sv)           |
| → Burmese (my)                  | → Kurdish (ku)    | → Tagalog (tl)           |
| → Catalan (ca)                  | → Lao (lo)        | → Tamil (ta)             |
| → Chinese (Simplified) (zh_CN)  | → Latvian (lv)    | → Telugu (te)            |
| → Chinese (Traditional) (zh_TW) | → Lithuanian (lt) | → Thai (th)              |
| → Croatian (hr)                 | → Macedonian (mk) | → Turkish (tr)           |
| → Czech (cs)                    | → Malay (ms)      | → Ukrainian (uk)         |
| → Danish (da)                   | → Malayalam (ml)  | → Urdu (ur)              |
| → Dutch (nl)                    | → Marathi (mr)    | → Vietnamese (vi)        |
| → Dzongkha (dz)                 | → Mongolian (mn)  | → Welsh (cy)             |
| → Estonian (et)                 | → Nepali (ne)     | → Zulu (zu)              |

# Current Challenges

- User experience (and goodwill)
  - Consistency
  - Accessibility
  - Interoperability
- Tools
  - Solution stacks
  - Application development
  - Specifications

# Proposed Solutions

- Creation of Language Portal for knowledge transfer
- Collaboration on glossary augmentation
- Specifications based on Open Standards
- Applications adhering to specifications
- Incentives for application developers

# Partners in Progress

- Principal Vendors
  - OS, Middleware, Database, Application Developers...
- Language Experts
  - Special Interest Groups
- Visible deployments
  - Public Roadmap
- Government
  - State and Central



# And to end it at all..

- Q&A
  
- Contact Information:
  - [smohan@redhat.com](mailto:smohan@redhat.com)