

# Internationalization



# Agenda

- Software Internationalization Tasks
- Benefits of internationalization Software
- I18Next framework
- react-i18next library
- Practice implementation
- Q&A



*Locale Frameworks.*

*Achieving Unicode compliance.*

*Developing software to be independent from a specific language.*

# SOFTWARE INTERNATIONALIZATION TASKS

*Removal and reworking of concatenated strings*

*Support for collation of data*

*Support for bi-directional languages*

*Elimination of hard-coded text*

*Frontend Community - Pass it ons*

Simpler, easier maintenance for  
future iterations of the product

Higher quality software that meets the technical and  
cultural needs of multiple locales

## BENEFITS OF INTERNATIONALIZING SOFTWARE

Single source code for all languages of the  
product

Greater in-country customer  
acceptance and satisfaction

Reduced time, cost, and effort  
for localization

It provides you with a complete solution to localize your product from web to mobile and desktop

# I18Next

An internationalization framework written in and for JavaScript

The module provides multiple components eg. to assert that needed translations get loaded or that your content gets rendered when the language changes.

# react-i18next

Is the react implementation of the framework providing a library for us to implement it in our projects