# Locale resolution at scale

Manikandan Ramalingam Kandaswamy

Member of Technical Staff - I18N - PayPal

#### Locale resolution at a scale

- The concept
- Building blocks
- Sample locale resolution logic

## Concept

- How do I get a locale?
- Where to find it?
- What if my app does not support the locale I find?



#### Building blocks

- Browser settings
- Cookie
- Session cookie
- ▶ IP address/Geo location
- URL parameters
  - www.welcometomypage.com/fr
  - www.welcometomypage.com/?locale=fr-FR
  - www.welcometomypage.com/?country=CA&language=fr
- URL domain
  - ▶ <u>www.welcometomypage.fr</u>
- User profile
- Configured default locale

### A sample locale resolution logic



▶ rajavelmani@gmail.com