RADS

Localizing your RADS

https://github.com/radservice/rad-community/fork

Prerequisites

- Understand various components of RADS and able to build application as a RADS App Developer

- Understand Hash Variables

Content

1. Localizing RADS

2. User Locales

3. Localizing App Using Advanced Tools

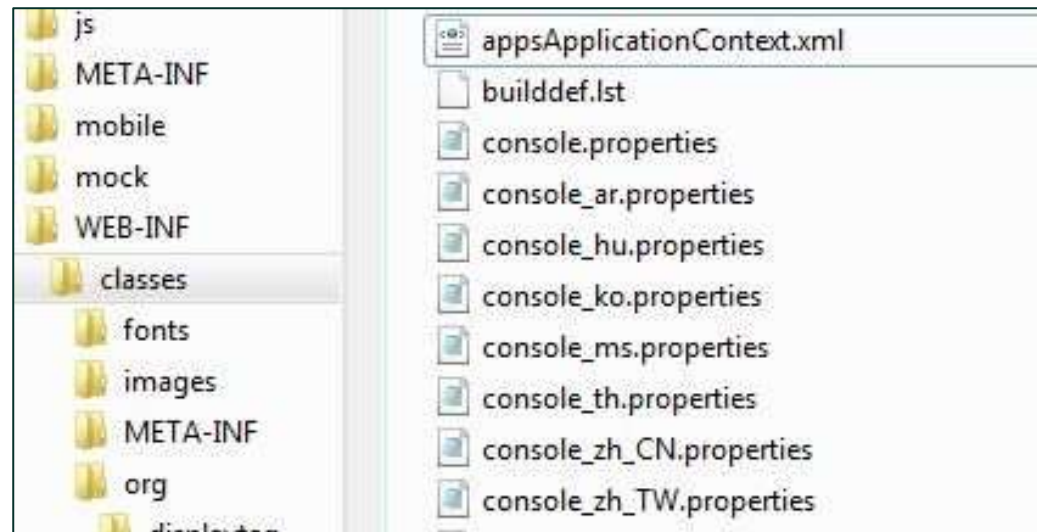4. Localizing App Using Hash Variable

Chapter 1

Localizing RADS

Internationalization Support on RADS App

- You may support multiple locales on your designed apps as defined in the system settings.

- User may opt for their own preferred locale set by the settings.

How to Inspect Available Languages?

- Check for .properties files in \tomcat\webapps\rad\WEB-INF\classes
- Check for **postfix** of the .properties files denoting the locale.

Switching System Locale

- Settings --> General Settings --> System Locale

Exercise: Switching Locale

- Switch to one of the available languages found in the system files earlier.

- System may take a few moments to refresh its cache.

Chapter 1 Review

- Change RADS locale.

- Import new locale.

Chapter 2

User Locales

User Locale

- RADS administrator may define multiple locales available for selection by the end users.

- User may opt for their own preferred locale based on the selections above in his/her profile.

  - E.g. **cat** navigates the web console in **English,** while **clark** is able to navigate the same page in **Chinese**.

Note: User locale will take precedence over the system locale

Enable User Locale Options

- Settings -> General Settings

User Profile Userview Menu

- User locale selection can also be found in the Userview itself through the **User Profile Userview Menu**.

Note

- You can easily switch the locale by manipulating any URL served by RADS.
- Add "**_lang**" parameter with the locale code as the value.
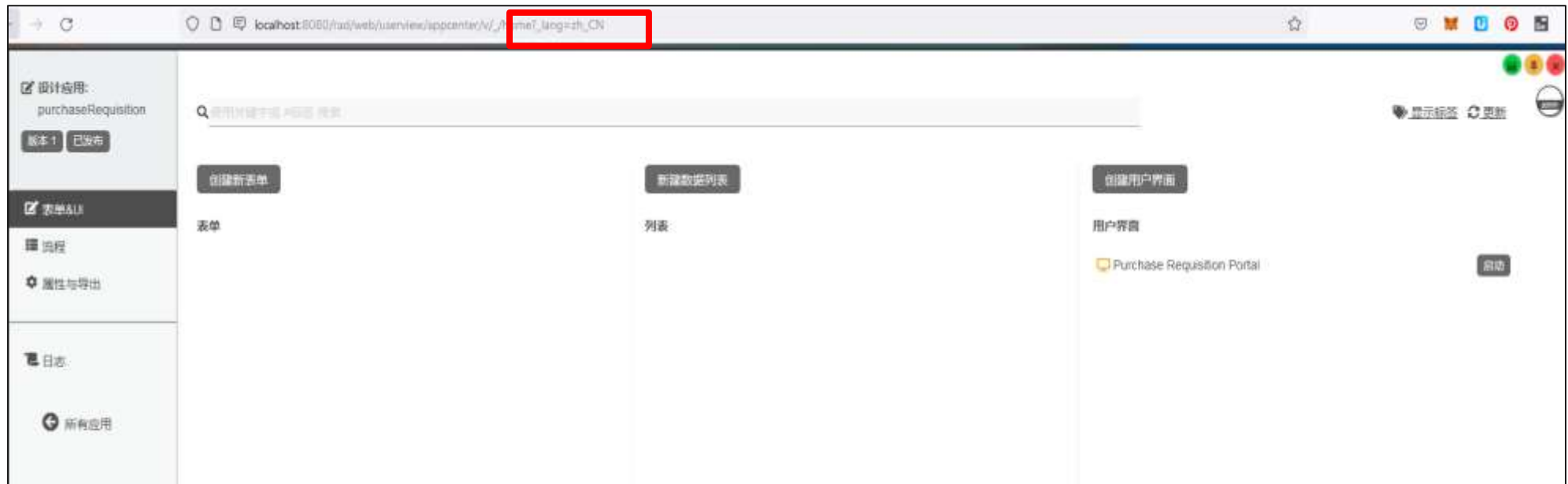
Chapter 2 Review

- Enable User Locale Options.

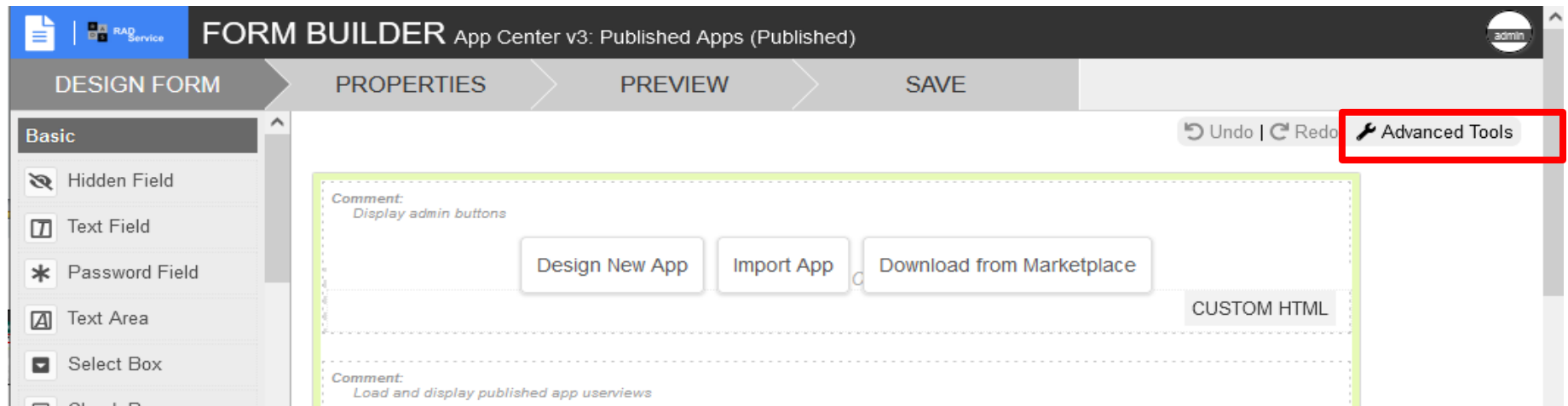- Experience the changes as End User.

Chapter 3

Localizing App using Advanced Tools

Accessing i18n Tab

- From your Form/Datalist/Userview Builder, click on **Advanced Tools** to access i18n tab.

Accessing i18n Tab

- Click on the i18n tab, choose a language and start translating.

Accessing i18n Tab

- Remember to click **Save** when you are done.

Accessing Tooltip Tab

- Click on the Tooltip tab, choose a language and start adding tooltips.

Tooltip i18n

- Tooltip on each element supports internationalization too.

Viewing Translations

- All translations made will be saved into the app's message.
- You can verify translated messages by going to App Properties -> Message.

Chapter 3 Review

- Internationalize/Localize your own RADS App using Advanced Tools.

Chapter 4

Localizing App using Hash Variable

Difference Between Using Advanced Tools and Hash Variable

- Advanced Tools covers **App-level** only.

- Hash Variables can cover BOTH **App** and **Platform-level**, not just limited to Form / Datalist / Userview Builder.

- For example, email message can be localized too.
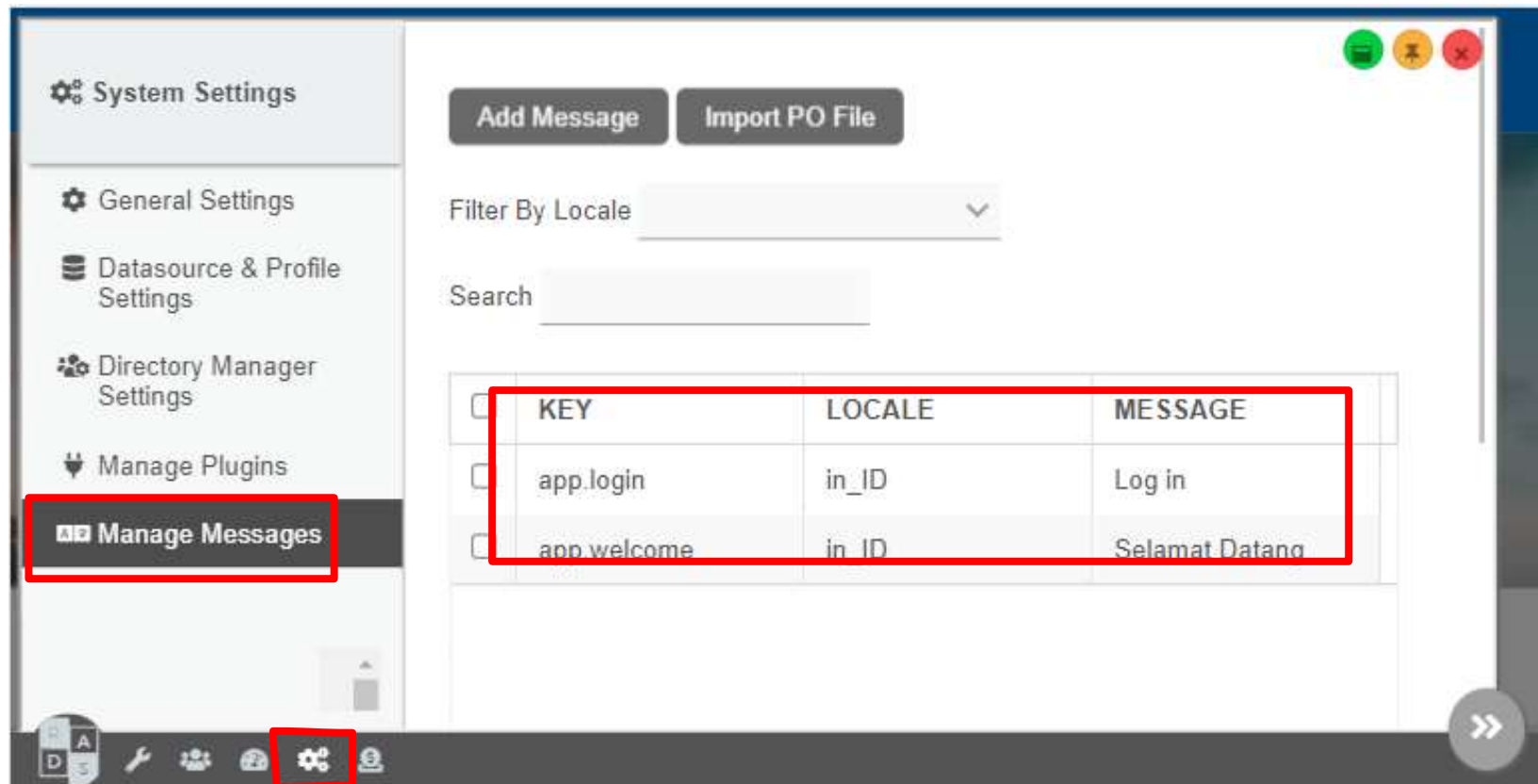
Defining Message Keys (App)

- Go to **Properties & Export** -> **Message**

- Define set of message keys as shown below.

Defining Message Keys (Platform)

- Go to **System Settings** -> **Manage Messages**
- Define set of message keys as shown below.

Utilizing Message Keys
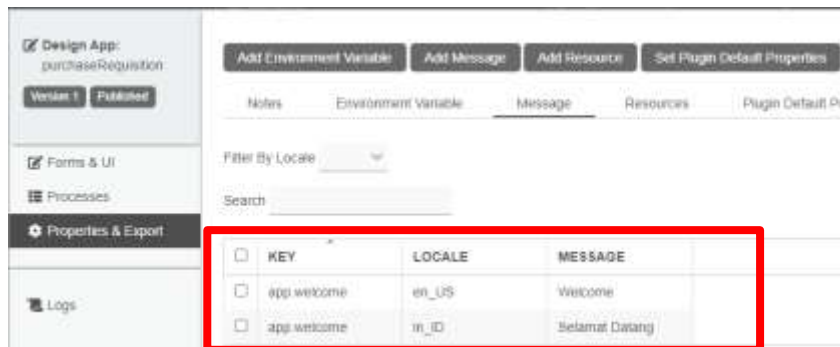
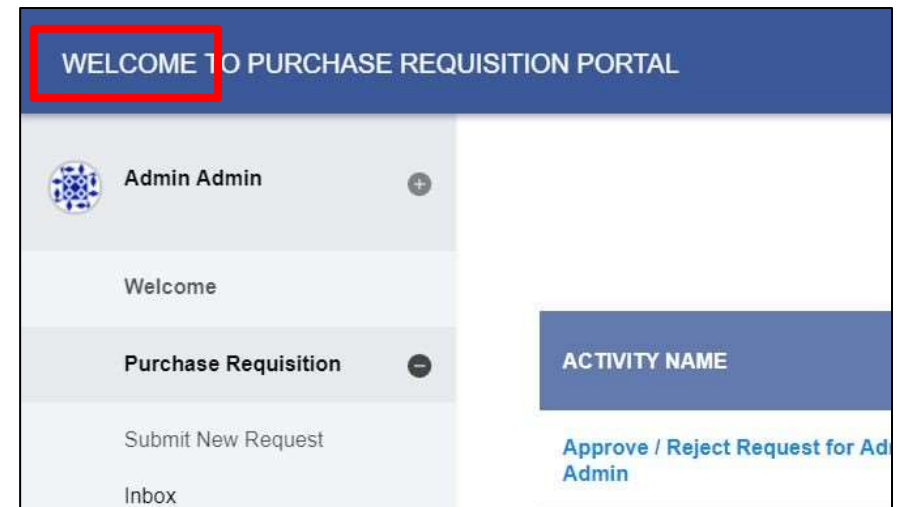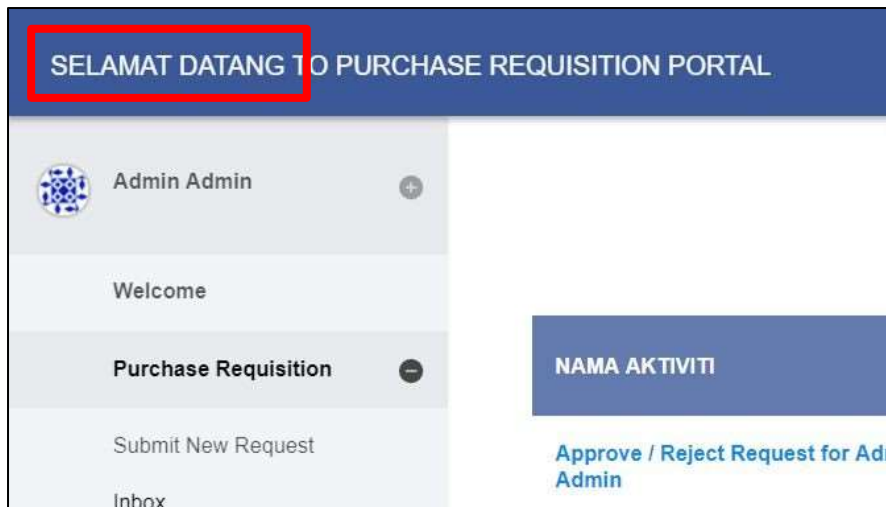- By using the **#i18n# hash variable**, we can utilize the key values set earlier.

Viewing the Message Keys in Action

- Depending on the choice of locale the user is in, the message will be displayed accordingly.

Mini Exercise

Let's say we want to change all the "Submit" button labels in all Form userview menus throughout the entire RADS platform. How can we do that?

- **general.method.label.save**

This key can be found in **console.properties**
Navigate to **https://github.com/radservice/rad-community/find/master**, search for "console.properties".

Question

How do we change locale if the user is anonymous?

https://docs.rads.purwana.net/Change+User+Locale+In+Userview+Header

Chapter 4 Review

- Internationalize/Localize your own RADS App using Hash Variable.
- Handle internationalization on app-level and platform-level.
- Contribute translations as a part of RADS community.

Module Review

- Localizing RADS
- User Locales
- Localizing App Using Advanced Tools
- Localizing App Using Hash Variable

Recommended Further Learning

- Learn more languages

Stay Connected with RADS

- rads.purwana.net
- https://github.com/radservice/rad-community