



Berner Fachhochschule  
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# Java FX

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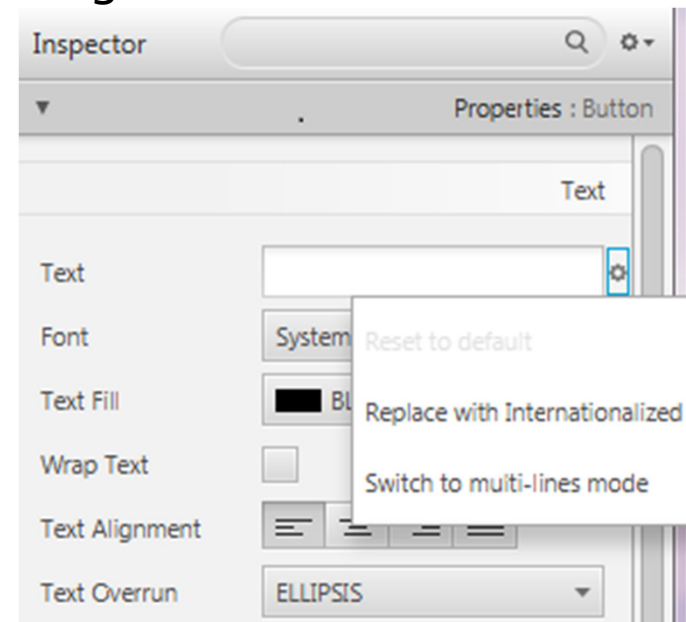
► A. Laube 2015

# Use of Ressource Bundles in JavaFX

## Steps to make your JavaFX UI internationalized

### 1. Replace UI texts with Internationalized Strings

a) In Scene Builder:  
click on the cog wheel icon  
right of the Text property  
and select "Replace with  
Internationalized String"



b) In fxml:

```
<Button text="%button.text"  
BorderPane.alignment="CENTER" />
```

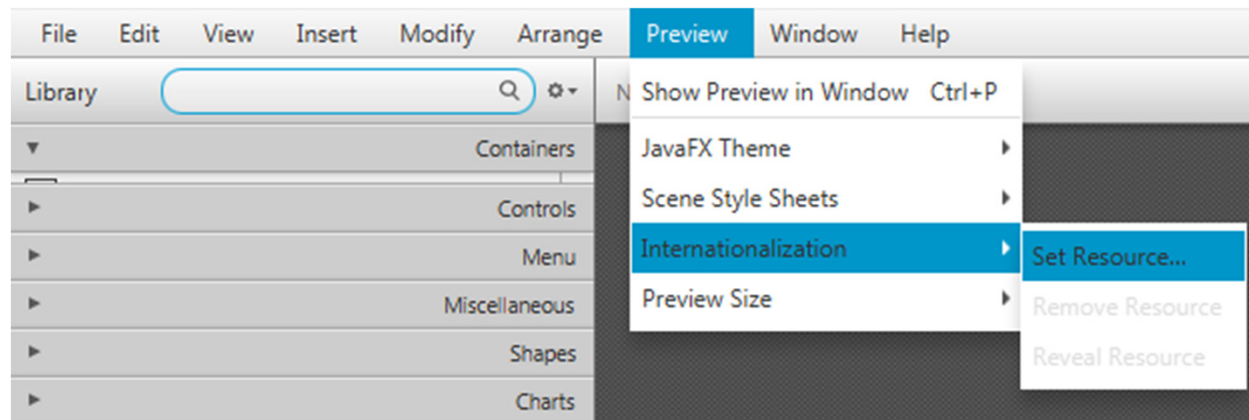
# Use of Ressource Bundles in JavaFX

## 2. Create your Ressource Bundles

example.properties

```
button.text = Button  
label.text = Label
```

## 3. Assign the Ressource bundle in Scene Builder



# Use of Ressource Bundles in JavaFX

## 4. Link the Ressource Bundles in your Main application

```
ResourceBundle bundle =  
    ResourceBundle.getBundle(  
        "example.example",  
        new Locale("en", "EN"));  
  
FXMLLoader loader = new  
    FXMLLoader(getClass().getResource("View.fxml"),  
        bundle);  
  
Parent root = loader.load();
```

# Use of Ressource Bundles in JavaFX

## 5. Enhance the Controller to use the ressource bundle

```
public class SimpleController implements Initializable {  
  
    private ResourceBundle bundle;  
  
    // @Override  
    public void initialize(URL location,  
                           ResourceBundle resources) {  
        bundle = resources;  
        label.setText(bundle.getString("label.text"));  
    }  
}
```

# Exercise

- ▶ Create a simple internationalized JavaFX Application containing a few localized labels with date, time, currency and percent.
- ▶ Optional: Add a menu bar and a menu that allows you to change the language of your UI.

