

Android: Υποστήριξη διαφορετικών γλωσσών

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Step 1. Create resource subdirectories and string resource files

```
MyProject/  
  res/  
    values/  
      strings.xml  
    values-es/  
      strings.xml  
    values-fr/  
      strings.xml
```

Step 2. Add the string values for each locale into the appropriate file

```
<?xml version="1.0" encoding="utf-8"?>
<resources>

  <string name="app_name">DiffLanguages1</string>
  <string name="hello_world">Hello world!</string>
  <string name="nice_day">Very nice day!</string>
  <string name="action_settings">Settings</string>
  <string name="change_lang">Change Language</string>

  <string-array name="lang_array">
    <item>English</item>
    <item>German</item>
    <item>French</item>
  </string-array>

</resources>
```

values-fr

```
<?xml version="1.0" encoding="utf-8"?>
<resources>

  <string name="app_name">AutreLang1</string>
  <string name="hello_world">Bonjour tout le monde!</string>
  <string name="nice_day">Très belle journée!</string>
  <string name="action_settings">Paramètres</string>
  <string name="change_lang">Changer de langue</string>

  <string-array name="lang_array">
    <item>Anglais</item>
    <item>Allemand</item>
    <item>Français</item>
  </string-array>

</resources>
```

values-de

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<resources>
```

```
  <string name="app_name">VerSprachen1</string>
```

```
  <string name="hello_world">Hallo Welt!</string>
```

```
  <string name="nice_day">Sehr schöner Tag!</string>
```

```
  <string name="action_settings">Einstellungen</string>
```

```
  <string name="change_lang">Sprache ändern</string>
```

```
  <string-array name="lang_array">
```

```
    <item>Englisch</item>
```

```
    <item>Deutsch</item>
```

```
    <item>Französisch</item>
```

```
  </string-array>
```

```
</resources>
```

Step 3. At runtime, the Android system uses the appropriate set of string resources based on the locale currently set for the user's device

Step 4. Change Locale Manually 1/2

```
public void changelang(View v)
{
    switch(langpos) {
        case 0:
            updateconfig("en");
            break;
        case 1:
            updateconfig("de");
            break;
        case 2:
            updateconfig("fr");
            break;
        default:
            break;
    }
}
```

Step 4. Change Locale Manually 2/2

```
public void updateconfig(String s)
{
    String languageToLoad = s; // change language
    Locale locale = new Locale(languageToLoad);
    Locale.setDefault(locale);
    Configuration config = new Configuration();
    config.locale = locale;
    getBaseContext().getResources().updateConfiguration(config,
        getBaseContext().getResources().getDisplayMetrics());
    Bundle tempBundle = new Bundle();
    onCreate(tempBundle);
    setTitle(R.string.app_name);
    invalidateOptionsMenu();
}
```




Hello world!

Very nice day!

Change Language

English

German

French



Hallo Welt!

Sehr schöner Tag!

Sprache ändern

Englisch

Deutsch

Französisch



Bonjour tout le monde!

Très belle journée!

Changer de langue

Anglais

Allemand

Français