

Overriding Built-in Translations

IzPack supports many languages out of the box.

If a country or language is not supported, the following instructions can be used to add a new one.

Background

In IzPack, language packs are identified by a 3 character ISO country or language code. Country codes are converted to lowercase.

Country codes are used in preference to language codes. This is to handle the case where a language variation is spoken for which there is no ISO language code.

E.g. Portuguese and Brazilian Portuguese - these must be specified using "prt" and "bra" respectively.

Each language pack must have a corresponding resource file located at:

```
com/izforge/izpack/bin/langpacks/installer/<ISO code>.xml
```

There must also be a flag resource located at:

```
com/izforge/izpack/bin/langpacks/flags/<ISO code>.gif
```

E.g. The English language pack is used for all English speaking countries, and uses the **eng** ISO language code..

It has the following resources:

```
com/izforge/izpack/bin/langpacks/installer/eng.xml
```

```
com/izforge/izpack/bin/langpacks/flags/eng.gif
```

Adding a language pack

To add a country specific variant of the English language pack, e.g. for Australia

1. Create the langpack resource in:

```
com/izforge/izpack/bin/langpacks/installer/aus.xml
```

This can be derived from the English language pack here:

<https://github.com/izpack/izpack/blob/master/izpack-core/src/main/resources/com/izforge/izpack/bin/langpacks/installer/eng.xml>

2. Create a flag resource in:

```
com/izforge/izpack/bin/langpacks/flags/aus.gif
```
3. Create a jar (call it myjar) containing these resources
4. The izpack-maven-plugin needs to reference the jar in order for it to locate the resources

pom.xml

```
<plugin>
  <groupId>org.codehaus.izpack</groupId>
  <artifactId>izpack-maven-plugin</artifactId>
  <version>5.0.0-rc1-SNAPSHOT</version>
  <configuration>
    <installFile>${staging.dir}/install.xml</installFile>
    <baseDir>${staging.dir}</baseDir>
  </configuration>
  <executions>
    <execution>
      <id>installer</id>
      <phase>package</phase>
      <goals>
        <goal>izpack</goal>
      </goals>
    </execution>
  </executions>
  <dependencies>
    <dependency>
      <groupId>com.mystuff</groupId>
      <artifactId>myjar</artifactId>
      <version>${project.version}</version>
    </dependency>
  </dependencies>
</plugin>
```