

## Properties Files

*Properties files* are text files with the `.Properties` extension, containing pairs of keys and values, that can be accessed and rendered in the UI.

These files are denoted with the icon .

IntelliJ IDEA supports the following features for the properties files:

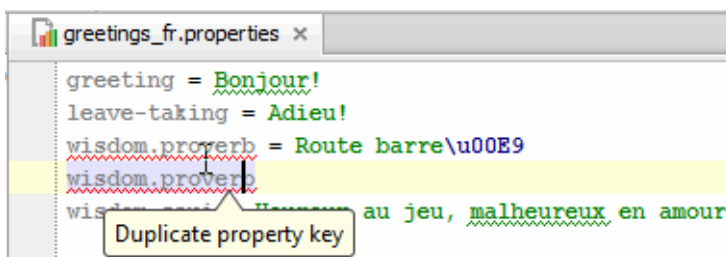
- **Syntax** key - delimiter - value. IntelliJ IDEA uses = (equal sign) or : (colon) as a delimiter.

For example, if you want a field label to read "Your name:", you might create a pair in a properties file like this:

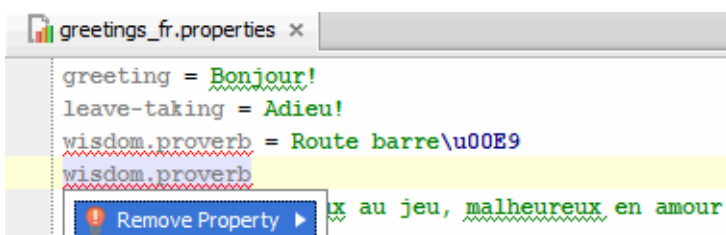
```
nameLabel=Your name:
```

```
nameLabel: "Your name:"
```

- **Error highlighting** for errors like duplicate property keys and invalid escape sequences:



- **Inspection and quick fix** for detecting and removing duplicate keys in properties files:



- *Referencing* properties from Java files and Ant build files.
- Code completion for property keys:

```
ResourceBundle resourceBundle = ResourceBundle.getBundle("");
```

- *Inspection and quick fix* for detecting and creating the missing property keys and values:

```
private static ResourceBundle fontBundle =
    ResourceBundle.getBundle("font.name{missing}");
```

- *Goto Declaration* **Ctrl+B**, **Ctrl+Button1 Click** or **Button2 Click** to navigate from a reference to a key to its declaration:

```
JFrame frame = new JFrame(resourceBundle.getString("greeting"));
```

- *Finding usages* of the currently selected property.
- *Refactoring* for properties includes Rename, Move, Copy, Safe Delete, and Migrate.
- *Structure view* for properties files:

```
greeting = Guten Tag!
leave-taking = Tsch\u00df !
wisdom.proverb = Was ich nicht wei\u00df,
wisdom.saying=Besser Bein Vogel in der Ha
```

- *Quick Definition Lookup* for properties files: if an action calls a property, you can view the property definition by pressing **Ctrl+Shift+I**:

```
JFrame frame = new JFrame(resourceBundle.getString("greetings_fr.properties"));
```

```
greeting = Bonjour!
leave-taking = Adieu!
wisdom.proverb = Route barre\u00e9
wisdom.saying=Heureux au jeu, malheureux en amour
```

## See Also

### Procedures:

- [Internationalizing Source Code](#)

- [Advanced Editing Procedures](#)
- [Running Inspections](#)

**Reference:**

- [GUI Designer Reference](#)

**Web Resources:**

- [Developer Community](#) 