

Play Framework

Václav Legát

A4M35OSP




➤ My contribution

- To solve issue #1625
 - Java documentation for changeLang method

 [playframework](#) / [playframework](#)

changeLang lacks Java documentation #1625

 **Open** smola opened this issue on 9 Sep 2013 · 3 comments



smola commented on 9 Sep 2013

Play 2.1.x Java i18n docs lack documentation about `Controller.changeLang`.



➤ Language files

- conf/application.conf

```
9
10 # The application languages
11 # ~~~~~
12 application.langs="en,fr,cs"
13
```

- conf/messages.en

```
1 title=English
2 greeting>Hello
```

- conf/messages.fr

```
1 title=Français
2 greeting=Salut
```

- conf/messages.cs

```
1 title=Čeština
2 greeting=Ahoj
```



Controller.changeLang

- framework\src\play\src\main\java\play\mvc\Controller.java

```
/**
 * Change durably the lang for the current user
 * @param code New lang code to use (e.g. "fr", "en_US", etc.)
 * @return true if the requested lang was supported by the application, otherwise false.
 */
public static boolean changeLang(String code) {
    return Http.Context.current().changeLang(code);
}
```





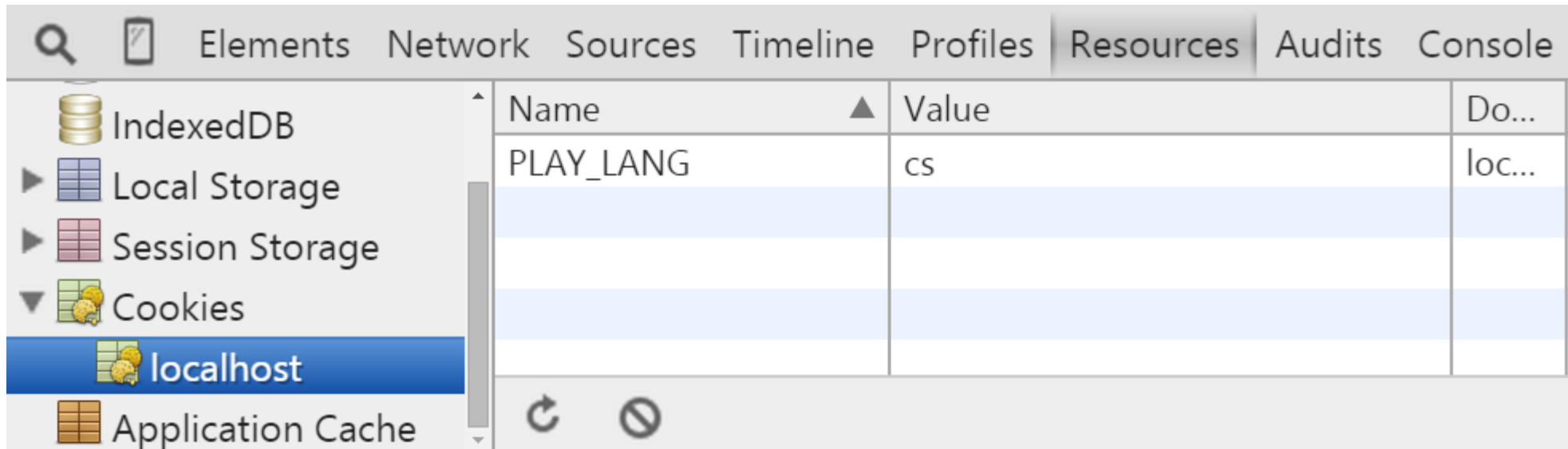
Http.Context.changeLang

- framework\src\play\src\main\java\play\mvc\Http.java

```
/**
 * Change durably the lang for the current user.
 * @param code New lang code to use (e.g. "fr", "en_US", etc.)
 * @return true if the requested lang was supported by the application, otherwise false.
 */
public boolean changeLang(String code) {
    Lang lang = Lang.forCode(code);
    if (Lang.availables().contains(lang)) {
        this.lang = lang;
        response.setCookie(Play.langCookieName(), code);
        return true;
    } else {
        return false;
    }
}
```



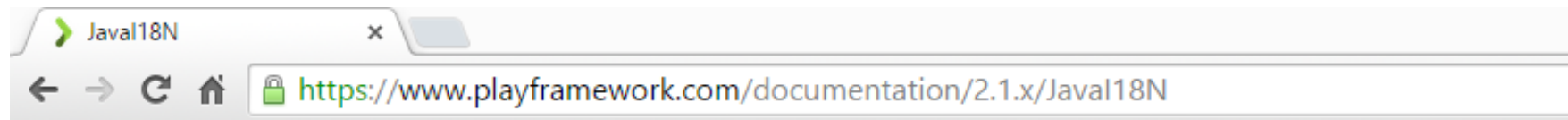
▶ PLAY_LANG cookie



The screenshot shows the Chrome DevTools interface with the 'Resources' tab selected. The left sidebar shows the 'Cookies' folder expanded for 'localhost'. The main panel displays a table of cookies.

Name	Value	Do...
PLAY_LANG	cs	loc...

Documentation



Changing language

To permanently change the user language, use the `changeLang()` method:

```
Controller.changeLang("cs");
```

The new value will be saved to the user's language cookie.

Externalizing messages

You can externalize messages in the `conf/messages.xxx` files.

The default `conf/messages` file matches all languages. You can specify additional language messages files, such as `conf/messages.fr` or `conf/messages.en-US`.





Collaboration

- Response in 1 day.
 - "Feel free to create a pull request about doc."
- Pull request merged in 3 days.



Thank you for your attention.

