

VBCS Lab

Localization

Introduction

In this lab we add French translations for the buttons and application title on the Expense Report application

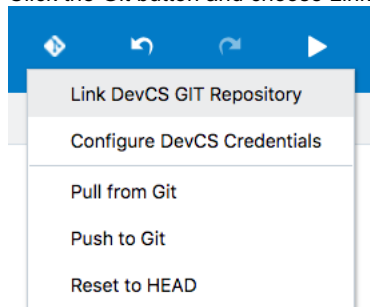
In this lab we will:

- Add translation strings to the main translation bundle
- Add a translated bundle file for French
- Update the HTML to reference the bundles

Hands on Lab Instructions

Updating the Project

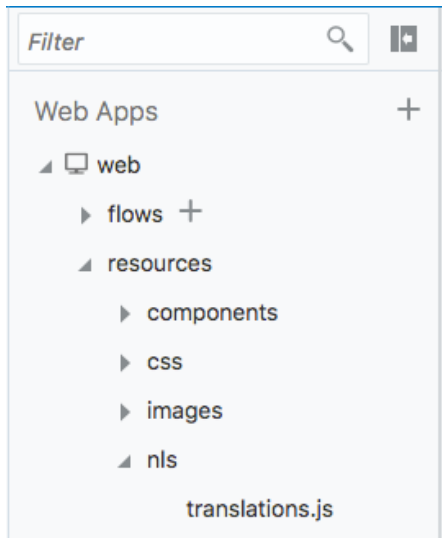
1. Open your ExpenseReport project
2. Click the Git button and choose Link DevCS Git Repository



3. Click Edit Link
4. In the Branch Selection field, select **solution**.
5. Click Save Configuration
6. Click the Git button and choose Reset to HEAD
7. Reload your browser

Adding Translation Strings to the Default Translation Bundle

1. In the Web Applications window, click resources > nls > translations.js



2. Change the contents of the file to the following:

```
define(function() {
  'use strict';

  return {
    root: {
      "list": {
        "CreateExpense": "Create Expense",
        "EditExpense": "Edit Expense Report"
      },
      "shared": {
        "MyApp": "My Applications"
      }
    },
    "fr-FR": 1
  };
});
```

Adding a Translated Bundle

1. On your computer, create a directory called **fr-FR**.
2. In the **fr-FR** directory, create a file called **translations.js**.
3. Paste the following into the file and save it:

```
define(function() {
  'use strict';


  return {
    "list": {
      "CreateExpense": "Créer Rapport",
      "EditExpense": "Modifier Rapport"
    },
    "shared": {
      "MyApp": "Mon Application"
    }
  };
});
```

4. Zip up the fr-FR folder.

5. In the Web Apps panel, right-click the **nls** folder and choose Import. Drag the fr-FR.zip file into the window and accept.

Referencing Bundles from HTML

1. Open main-start and select the Create Expense button.
2. In the Property Inspector, change the Text property to:

`[[${application.translations.app.list.CreateExpense}]]`
3. Follow the same process to update the display name for the Edit Expense Report button and for the application title. Note the application title is in root pages > shell
4. Test the change by going to the source window  and clicking webApps > web > index.html. Change the `<html>` tag to `<html lang="fr-FR">`