

Informe del Proyecto: Traductor de Números a Letras

Introducción

En este proyecto, se ha desarrollado una aplicación web que traduce números a palabras en dos idiomas: español e inglés. La aplicación utiliza Bootstrap para una interfaz gráfica moderna y amigable. Se crearon dos ramas en el repositorio de Git: diseño y funcionalidad, y se realizó un merge de estas ramas en la rama principal (main).

Pasos Realizados

1. Creación del Repositorio

- **Repositorio Local:** Se creó un repositorio local con el nombre TallerGitTallerGitEdisonChalacan
- **Repositorio Remoto:** Se creó un repositorio remoto en GitHub con el mismo nombre.
- **Commit Inicial:** Se realizó un commit inicial con los archivos base del proyecto.

2. Implementación del Diseño

- **Rama diseno:** Se creó una rama llamada diseno para agregar el diseño utilizando Bootstrap.
- **Modificaciones:**
 - Se vinculó Bootstrap a la interfaz gráfica.
 - Se mejoró la presentación visual de la aplicación.
- **Merge a main:** Una vez completado el diseño, se fusionaron los cambios de la rama diseno a la rama main.

3. Implementación de la Funcionalidad de Traducción

- **Rama funcionalidad:** Se creó una rama llamada funcionalidad para agregar la capacidad de traducir números a letras en inglés.
- **Modificaciones:**
 - Se agregaron dos botones a la interfaz gráfica:
 - **Botón de Traducción en Español:** Traducir números a letras en español.
 - **Botón de Traducción en Inglés:** Traducir números a letras en inglés.
 - Se implementaron las funciones numeroALetras para español y numeroAIngles para inglés.

- **Merge a main:** Una vez completada la funcionalidad, se fusionaron los cambios de la rama funcionalidad a la rama main.

Enlace GIT

<https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git>

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~  
$ cd documents  
  
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents  
$ cd diplomado  
  
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado  
$ cd TallerGitEdisonChalacan  
  
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)  
$ git init  
Reinitialized existing Git repository in C:/Users/Jhon Chalacan/Documents/Diplomado/TallerGitEdisonChalacan/.git/
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)  
$ git status  
On branch main  
  
No commits yet  
  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    traductor.js  
  
nothing added to commit but untracked files present (use "git add" to track)  
  
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)  
$ git add traductor.js  
warning: in the working copy of 'traductor.js', LF will be replaced by CRLF the next time Git touches it
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)  
$ git status  
On branch main  
  
No commits yet  
  
Changes to be committed:  
  (use "git rm --cached <file>..." to unstage)  
    new file:   traductor.js
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)
$ git commit -m "Primer commit: Traductor de números a letras"
[main (root-commit) 0c57363] Primer commit: Traductor de números a letras
1 file changed, 18 insertions(+)
create mode 100644 traductor.js

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)
$ git status
On branch main
nothing to commit, working tree clean

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)
$ git status
On branch main
nothing to commit, working tree clean

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)
$ git log
commit 0c5736331cf61215a72446b839c49187e6449e77 (HEAD -> main)
Author: Edison Chalacan <edisondariochalacanmartinez@gmail.com>
Date: Sun Sep 8 22:58:11 2024 -0500

    Primer commit: Traductor de números a letras
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)
$ git remote add origin https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 546 bytes | 136.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (main)
$ git checkout -b diseño
Switched to a new branch 'diseño'

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ nano -w index.html

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git add index.html
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git status
On branch diseño
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   index.html
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ ^[[200~git commit -m "Vinculado Bootstrap y creado la interfaz gráfica para el traductor"
bash: $'\E[200~git': command not found

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git commit -m "Vinculado Bootstrap y creado la interfaz gráfica para el traductor"
[diseño f21167d] Vinculado Bootstrap y creado la interfaz gráfica para el traductor
1 file changed, 13 insertions(+)
create mode 100644 index.html

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ nano -w index.html

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git commit -m "3. Interfaz"
On branch diseño
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

no changes added to commit (use "git add" and/or "git commit -a")

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git status
On branch diseño
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

no changes added to commit (use "git add" and/or "git commit -a")
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git add index.html
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git status
On branch diseño
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git commit -m "3. Interfaz"
[diseño 1347879] 3. Interfaz
1 file changed, 18 insertions(+), 1 deletion(-)

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git log
commit 1347879e9cd5186a77a828bf605bf795c74ce4b5 (HEAD -> diseño)
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date:   Mon Sep 9 01:18:31 2024 -0500

    3. Interfaz

commit f21167d594ca68aaf37afc87c900841626440df
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date:   Mon Sep 9 01:16:34 2024 -0500

    Vinculado Bootstrap y creado la interfaz gráfica para el traductor

commit 0c5736331cf61215a72446b839c49187e6449e77 (origin/main, main)
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date:   Sun Sep 8 22:58:11 2024 -0500

    Primer commit: Traductor de números a letras

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ nano -w index.html
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ nano -w index.html

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ nano -w traductor.js

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git add index.html traductor.js
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'traductor.js', LF will be replaced by CRLF the next time Git touches it

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git status
On branch diseño
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html
        modified:   traductor.js

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git commit -m "4. modificaciones"
[diseño e92d336] 4. modificaciones
 2 files changed, 7 insertions(+), 3 deletions(-)

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git log
commit e92d336d3734adf912f5292b643afe3482faf03b (HEAD -> diseño)
Author: Edison Chalacan <edisondariochalacanmartinez@gmail.com>
Date:   Mon Sep 9 01:24:00 2024 -0500

    4. modificaciones

commit 1347879e9cd5186a77a828bf605bf795c74ce4b5
Author: Edison Chalacan <edisondariochalacanmartinez@gmail.com>
Date:   Mon Sep 9 01:18:31 2024 -0500

    3. Interfaz
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/documents/diplomado/TallerGitEdisonChalacan (diseño)
$ git log
commit e92d336d3734adf912f5292b643afe3482faf03b (HEAD -> diseño)
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Mon Sep 9 01:24:00 2024 -0500
```

4. modificaciones

```
commit 1347879e9cd5186a77a828bf605bf795c74ce4b5
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Mon Sep 9 01:18:31 2024 -0500
```

3. Interfaz

```
commit f21167d594ca68aaf37afcf87c900841626440df
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Mon Sep 9 01:16:34 2024 -0500
```

Vinculado Bootstrap y creado la interfaz gráfica para el traductor

```
commit 0c5736331cf61215a72446b839c49187e6449e77 (origin/main, main)
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Sun Sep 8 22:58:11 2024 -0500
```

Primer commit: Traductor de números a letras

```
(END)...skipping...
commit e92d336d3734adf912f5292b643afe3482faf03b (HEAD -> diseño)
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Mon Sep 9 01:24:00 2024 -0500
```

4. modificaciones

```
commit 1347879e9cd5186a77a828bf605bf795c74ce4b5
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Mon Sep 9 01:18:31 2024 -0500
```

3. Interfaz

```
commit f21167d594ca68aaf37afcf87c900841626440df
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Mon Sep 9 01:16:34 2024 -0500
```

Vinculado Bootstrap y creado la interfaz gráfica para el traductor

```
commit 0c5736331cf61215a72446b839c49187e6449e77 (origin/main, main)
Author: Edison Chalacan <edisonariochalacanmartinez@gmail.com>
Date: Sun Sep 8 22:58:11 2024 -0500
```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (diseño)
$ git push origin diseño
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 4 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (10/10), 1.64 KiB | 420.00 KiB/s, done.
Total 10 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 1 local object.
remote:
remote: Create a pull request for 'diseño' on GitHub by visiting:
remote:   https://github.com/EdisonChalacan/TallerGitEdisonChalacan/pull/new/dise%C3%B1o
remote:
To https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git
 * [new branch]   diseño -> diseño

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (diseño)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git merge diseño
Updating 0c57363..e92d336
Fast-forward
 index.html | 31 ++++++++++++++++++++++++++++++++++++++
 traductor.js | 7 +++++-
 2 files changed, 36 insertions(+), 2 deletions(-)
 create mode 100644 index.html

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git add traductor.js
```



```

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git commit -m "5. modificacion en traductor.js"
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git merge diseño
Already up to date.

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ ^[[200~git push origin main
bash: $'\E[200~git': command not found

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git
   0c57363..e92d336  main -> main

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ |

```

```

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (funcionalidad)
$ nano -w traductor.js

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (funcionalidad)
$ git add index.html traductor.js

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (funcionalidad)
$ git status
On branch funcionalidad
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html
        modified:   traductor.js

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (funcionalidad)
$ git commit -m "Añadido botón para traducir el número a inglés en la interfaz"
[funcionalidad 3fd5870] Añadido botón para traducir el número a inglés en la interfaz
2 files changed, 25 insertions(+), 3 deletions(-)

```

```
Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (funcionalidad)
$ git push origin funcionalidad
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 955 bytes | 318.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'funcionalidad' on GitHub by visiting:
remote:   https://github.com/EdisonChalacan/TallerGitEdisonChalacan/pull/new/funcionalidad
remote:
To https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git
 * [new branch]      funcionalidad -> funcionalidad

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (funcionalidad)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git merge funcionalidad
Updating e92d336..3fd5870
Fast-forward
 index.html | 6 +++--
 traductor.js | 22 +++++++++++++++++++++
 2 files changed, 25 insertions(+), 3 deletions(-)

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git add index.html
```

```

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git commit -m "modificacion index"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git merge funcionalidad
Already up to date.

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git
   e92d336..3fd5870  main -> main

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git checkout main
Already on 'main'
M       index.html
M       traductor.js
Your branch is up to date with 'origin/main'.

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html
        modified:   traductor.js

no changes added to commit (use "git add" and/or "git commit -a")

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git add index.html traductor.js

```

```

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git add index.html traductor.js

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git commit -m "Modificacion de botones y traduccion"
[main c949532] Modificacion de botones y traduccion
 2 files changed, 38 insertions(+), 15 deletions(-)

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ git push origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 992 bytes | 496.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/EdisonChalacan/TallerGitEdisonChalacan.git
   3fd5870..c949532  main -> main

Jhon Chalacan@DESKTOP-HVT3AKU MINGW64 ~/Documents/Diplomado/TallerGitEdisonChalacan (main)
$ |

```