

Erik Baltazar Aguilar

## Practica Instalación y Hello World – SOA.

### Objetivos:

- Desarrollar un Servicio SOA desde el IDE JDeveloper 12c.
- Hacer el Deploy del Servicio SOA en el servidor embebido Weblogic.
- Consumir el Servicio SOA desarrollado desde el SoapUI con el wsdl.

### Procedimiento:

Instalación del Ide JDeveloper como indica el manual y el jdk 8.

Se inicia el servidor Weblogic embebido.

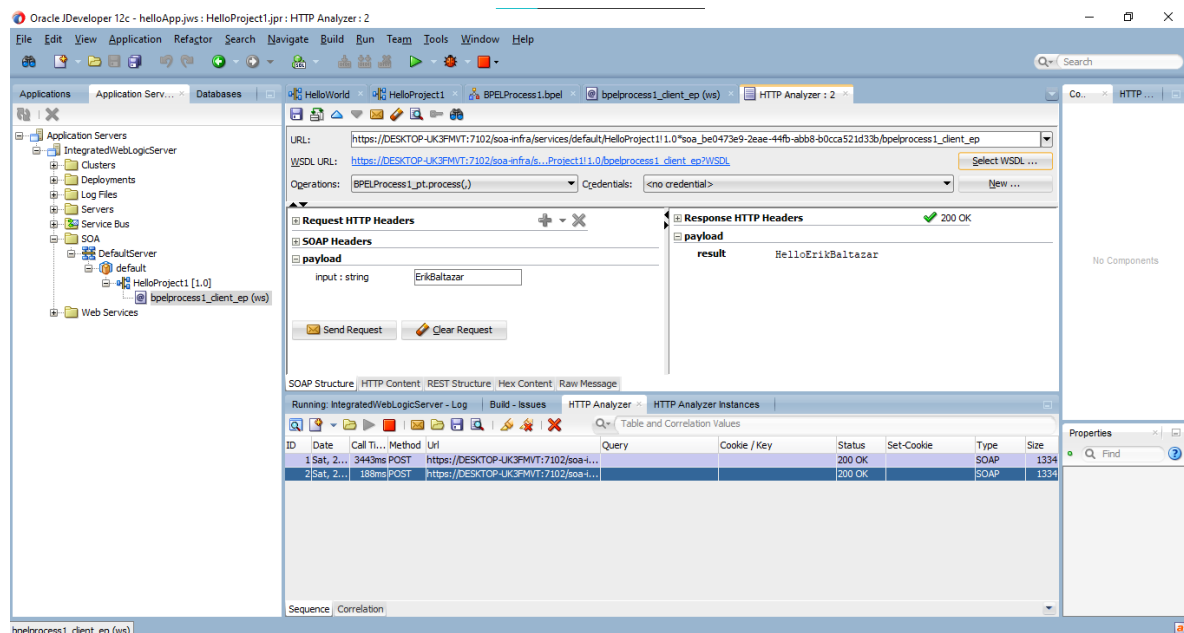
Desarrollo del Hello world con el manual que se indicó.

Deploy del Servicio SOA en el Servidor Weblogic Embebido.

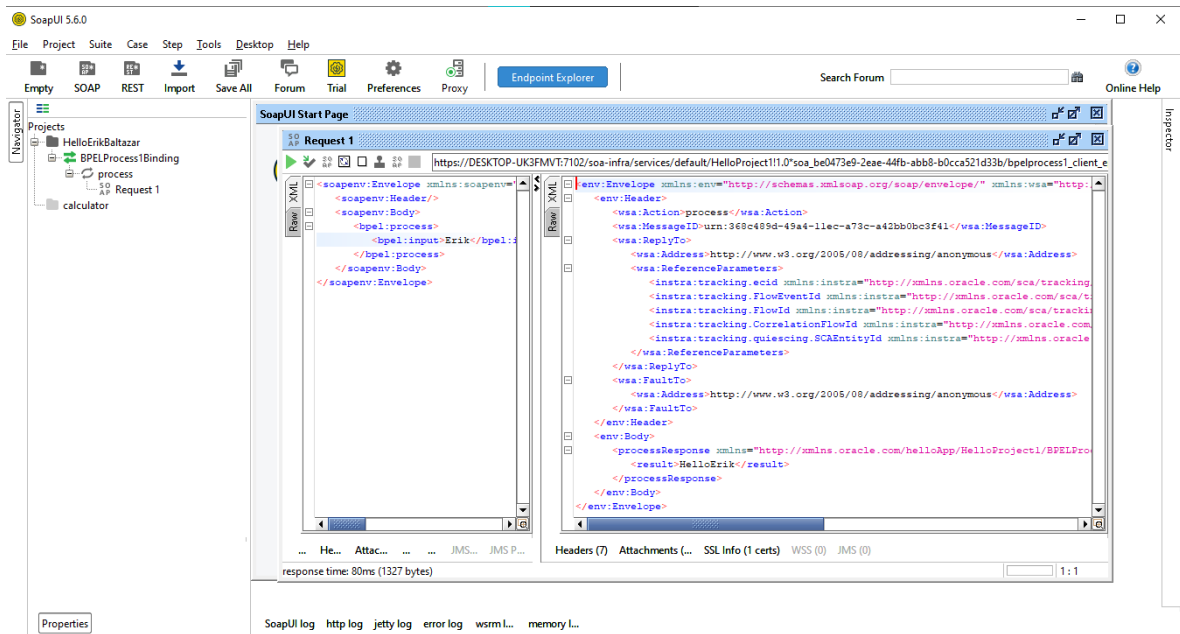
Se realizo Test Web Service local.

Con la URI del WSDL se consume dese el SoapUI.

Aplicación SOA ejecutándose desde el JDeveloper y en Weblogic embebido.



## Consumo del Servicio SOA desde el SoapUI



La siguiente actividad es inicializar la aplicación con git para hacer un push al repositorio remoto ubicado en GitHub.

## Se inicializa el Repositorio con GIT

```
MINGW64:/c/JDeveloper/mywork/helloApp

erikb@DESKTOP-UK3FMVT MINGW64 /c/JDeveloper/mywork/helloApp
$ git init
Initialized empty Git repository in C:/JDeveloper/mywork/helloApp/.git/

erikb@DESKTOP-UK3FMVT MINGW64 /c/JDeveloper/mywork/helloApp (main)
$ git add .
warning: LF will be replaced by CRLF in HelloProject1/SOA/SCA-INF/classes/scac.log.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in HelloProject1/SOA/testsuites/fileList.xml.
The file will have its original line endings in your working directory

erikb@DESKTOP-UK3FMVT MINGW64 /c/JDeveloper/mywork/helloApp (main)
$ git commit -m "first commit [19-11-2021]"
[main (root-commit) b02f8b8] first commit [19-11-2021]
19 files changed, 654 insertions(+)
create mode 100644 .adf/META-INF/adf-config.xml
create mode 100644 .data/00000000/00000000.jdb
create mode 100644 .data/00000000/je.lck
create mode 100644 .data/HelloProject1/00000000/00000000.jdb
create mode 100644 .data/HelloProject1/00000000/je.lck
create mode 100644 HelloProject1/HelloProject1.jpr
create mode 100644 HelloProject1/SOA/BPEL/.designer/BPELProcess1_graphics.xml
create mode 100644 HelloProject1/SOA/BPEL/BPELProcess1.bpel
create mode 100644 HelloProject1/SOA/SCA-INF/HelloProject1.diagram.jpg
create mode 100644 HelloProject1/SOA/SCA-INF/HelloProject1.diagram.xml
create mode 100644 HelloProject1/SOA/SCA-INF/classes/scac.log
create mode 100644 HelloProject1/SOA/SCA-INF/classesscac_out.xml
create mode 100644 HelloProject1/SOA/Schemas/BPELProcess1.xsd
create mode 100644 HelloProject1/SOA/WSDLs/BPELProcess1.wsdl
create mode 100644 HelloProject1/SOA/composite.xml
create mode 100644 HelloProject1/SOA/testsuites/fileList.xml
create mode 100644 HelloProject1/deploy/sca_HelloProject1.jar
create mode 100644 helloApp.jws
create mode 100644 src/META-INF/jps-config.xml

erikb@DESKTOP-UK3FMVT MINGW64 /c/JDeveloper/mywork/helloApp (main)
$
```

## Push al repositorio de github.

```
MINGW64:/c/JDeveloper/mywork/helloApp

erikb@DESKTOP-UK3FMVT MINGW64 /c/JDeveloper/mywork/helloApp (main)
$ git remote set-url origin https://github.com/eriksacz/ErikSOA.git

erikb@DESKTOP-UK3FMVT MINGW64 /c/JDeveloper/mywork/helloApp (main)
$ git push -u origin main
Enumerating objects: 38, done.
Counting objects: 100% (38/38), done.
Delta compression using up to 4 threads
Compressing objects: 100% (27/27), done.
Writing objects: 100% (38/38), 34.73 KiB | 3.16 MiB/s, done.
Total 38 (delta 6), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (6/6), done.
To https://github.com/eriksacz/ErikSOA.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.

erikb@DESKTOP-UK3FMVT MINGW64 /c/JDeveloper/mywork/helloApp (main)
$
```

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## Repositorio Remoto GitHub.

The screenshot shows a GitHub repository interface. At the top, there's a navigation bar with 'main' branch selected, '1 branch', and '0 tags'. Buttons for 'Go to file', 'Add file', and 'Code' are visible. Below this, the repository name 'eriksacz Readme' is shown with a commit hash '272eb5e' and '2 minutes ago', along with '2 commits'. A list of files and folders is displayed:

File/Folder	Commit Message	Time
.adf/META-INF	first commit [19-11-2021]	1 hour ago
.data	first commit [19-11-2021]	1 hour ago
HelloProject1	first commit [19-11-2021]	1 hour ago
src/META-INF	first commit [19-11-2021]	1 hour ago
README.md	Readme	2 minutes ago
helloApp.jws	first commit [19-11-2021]	1 hour ago

Below the file list, the 'README.md' file is open, showing the title 'ErikSOA' and a description: '#Hola Mundo en SOA utilizando el Ide JDeveloper y JDK 8.'.

Enseguida se anexa el xml para las pruebas en SoapUI.

Comentarios.

Los pasos a seguir fueron los que se indican en el manual. Tengo algo de conocimiento en weblogic, soapui y de manera general en el IDE JDeveloper, por lo que la actividad no fue tan complicada.