IMPEMENT YOU'RE REDATAM WEB SERVER

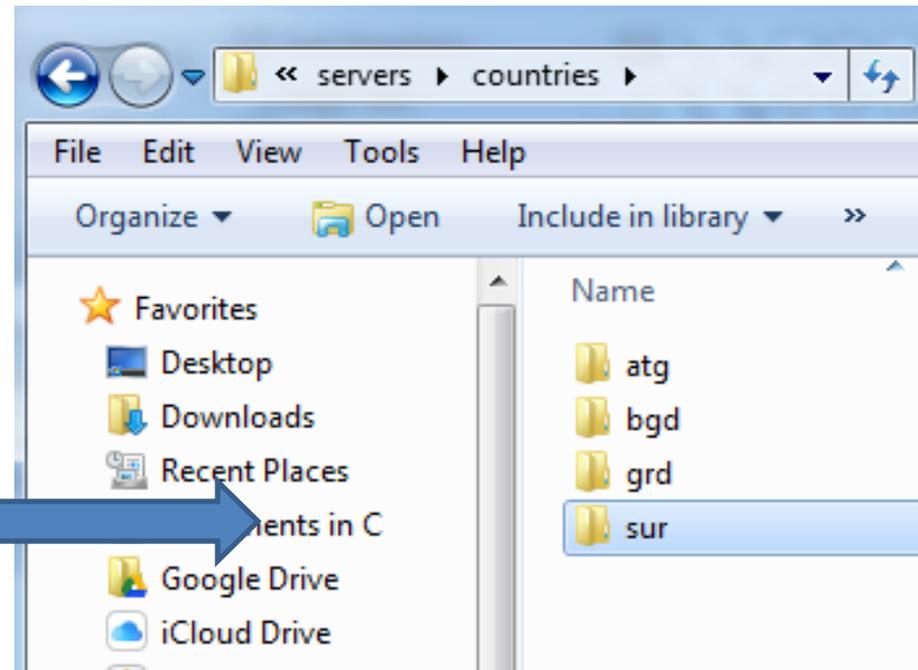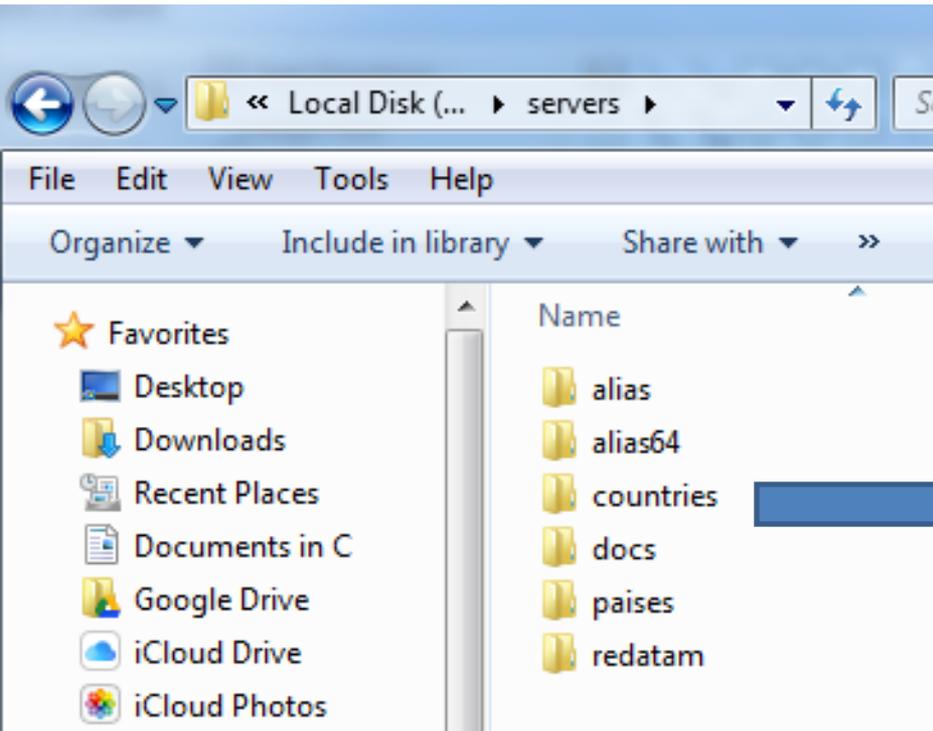Loading you're the application in the Web Server

WEB environment

- The Webserver module allows the online processing of databases stored on a server (through Intranet or Internet) without the users having direct access to them.

- It allows to obtain tabulations carried out from the server through an application conformed of predefined pages that "simulate" the functions of the process module.
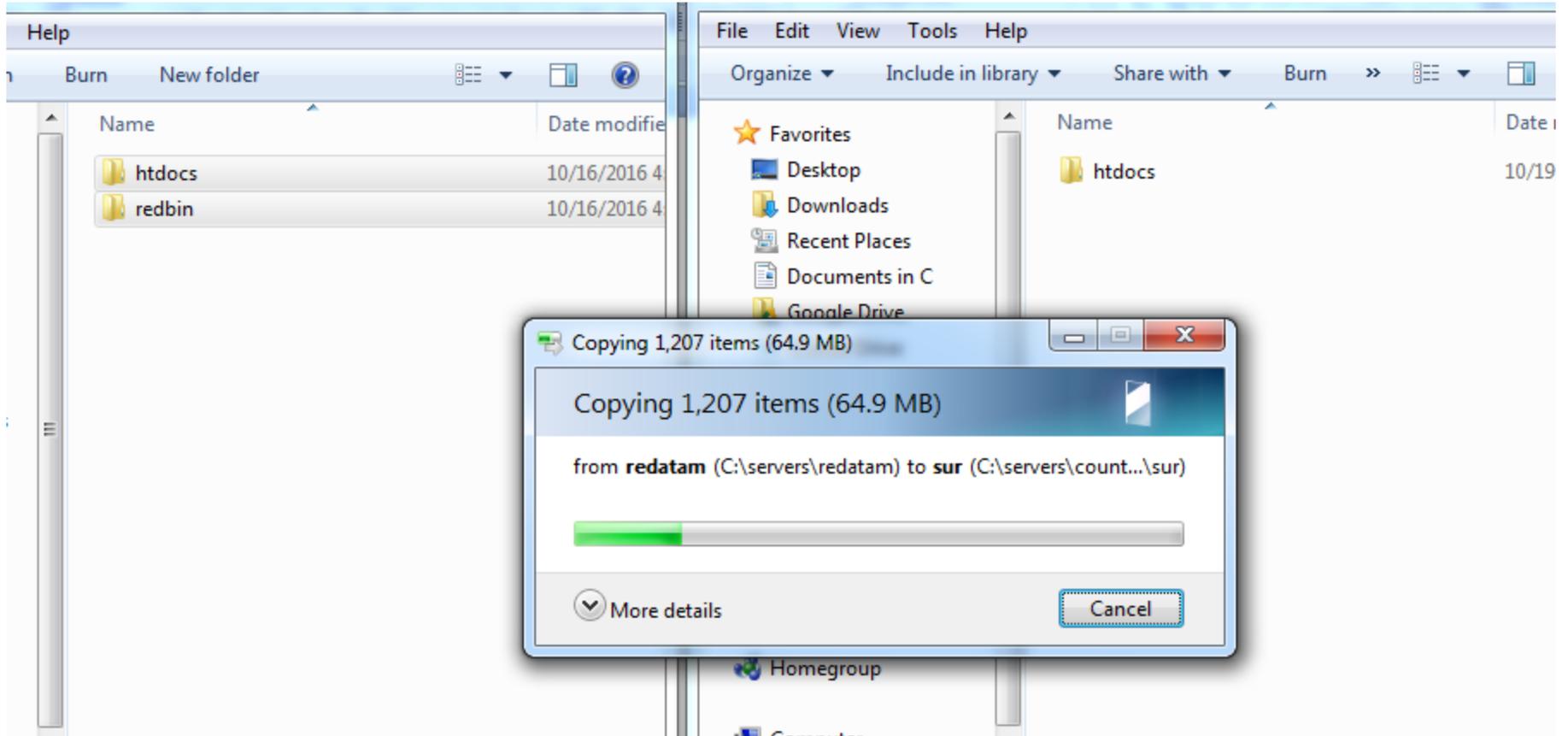
How do I start?

- Create a new folder using a shortcut for you're country name, for example "sur" for SURINAME under C:\servers\countries\sur. It is important that you have read & write permissions to this disk.

- Copy the folder redbin under this new folder

- All the main menu page (Webservermain.inl) information (under eng) should be customized with your own data and images.
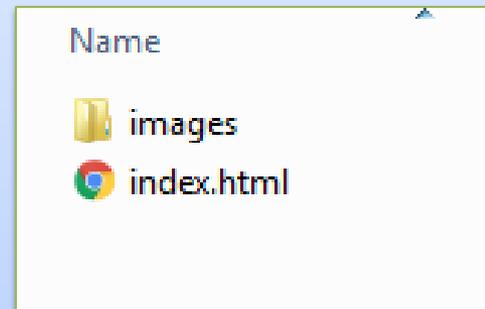
Create a folder with the country shortcut name

Copy all redbin and htdocs under

Under htdocs delete all folders and keep just your country images

- Copy the "htdocs", delete folders that are used by redatam, keep your images folder only

Name
📁 images
🌐 index.html

- This folder may contain images, help files or pdf files and a front page index.html

File structure of the site

- C:/servers/redatam/countries/sur
  - » redbin
  - » htdocs

Use TEMPLATE as the scheme for your application, replace database

Name	Date modi
eng	10/19/2016
mldb	10/19/2016
rpbases	
rpsite	10/19/2016
borlndmm.dll	4/4/2016 3:
cc32240mt.dll	4/4/2016 7:
RpWebAggData.exe	9/20/2016
RpWebEngine.exe	9/20/2016
rpwebserver.ini	9/23/2016
RpWebStats.exe	9/20/2016
RpWebUtilities.exe	9/20/2016

For databases

▸ SURINAME12 ▸   ▼ | ✦ | Search SURINAME12   🔍

Help

Include in library ▾   »

Name	Date modifi
BaseR	10/19/2016
defines	10/19/2016
maps	10/19/2016
nodes_eng	10/19/2016
nodes_esp	10/19/2016
nodes_fra	10/19/2016
progs	10/19/2016
sels	10/19/2016
set	10/19/2016
defines.inl	8/12/2016 9
Maps.inl	10/16/2016
Nodes_eng.inl	10/16/2016
Nodes_esp.inl	9/23/2016 2
Styles.inl	10/16/2016
Template_Eng.inl	10/16/2016
Template_Esp.inl	9/25/2016 2
Template_Fra.inl	9/22/2016 6
Template_Prt.inl	8/12/2016 9
Varlist.inl	10/16/2016

Go to the IIS Web Server Console Create new two virtual directories under IIS console using the three letter shortcut for your country:
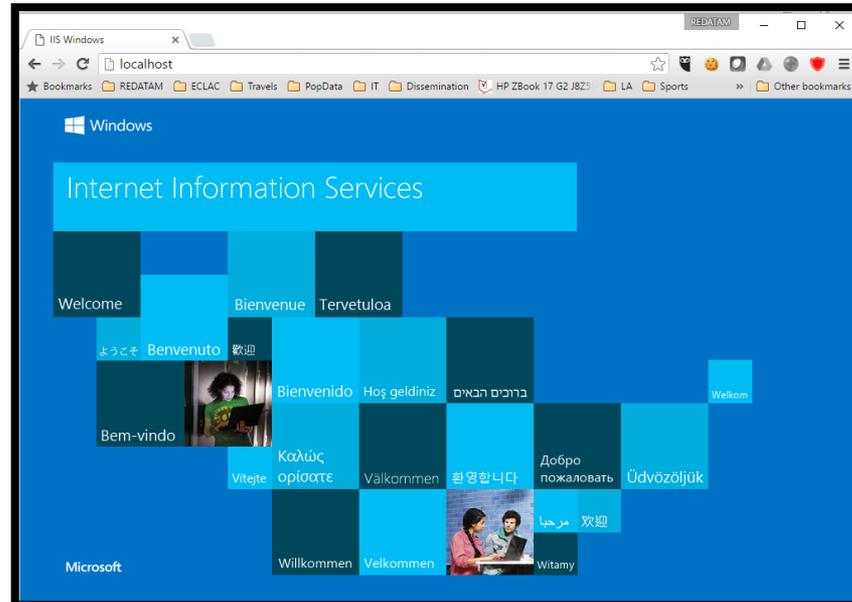
One for public access redsur
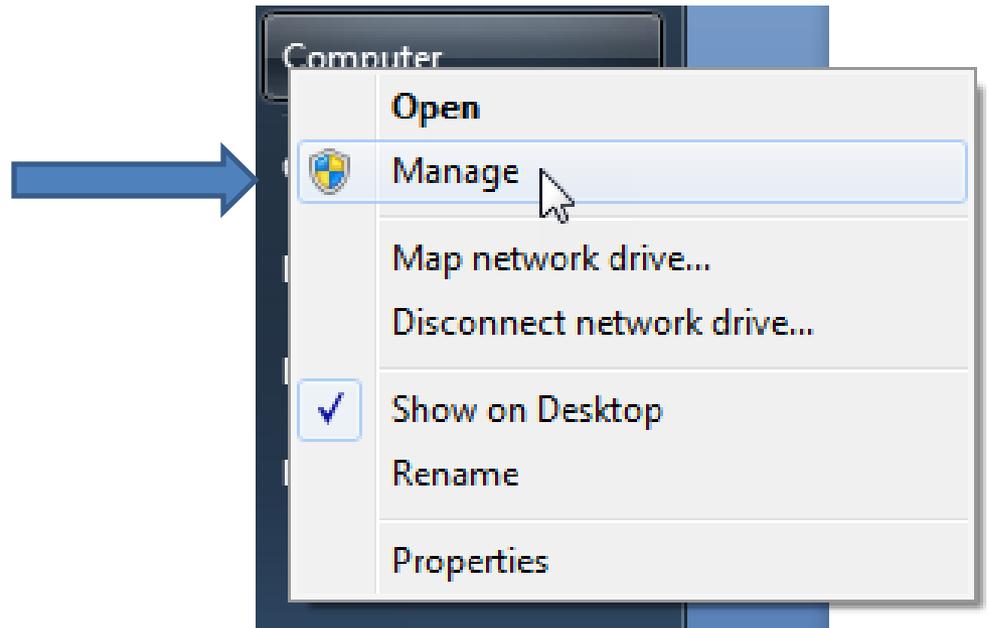*One for private access surbin*

Verify that IIS works!!

Using any Internet browser of your choice, access the IIS web server by typing the following:
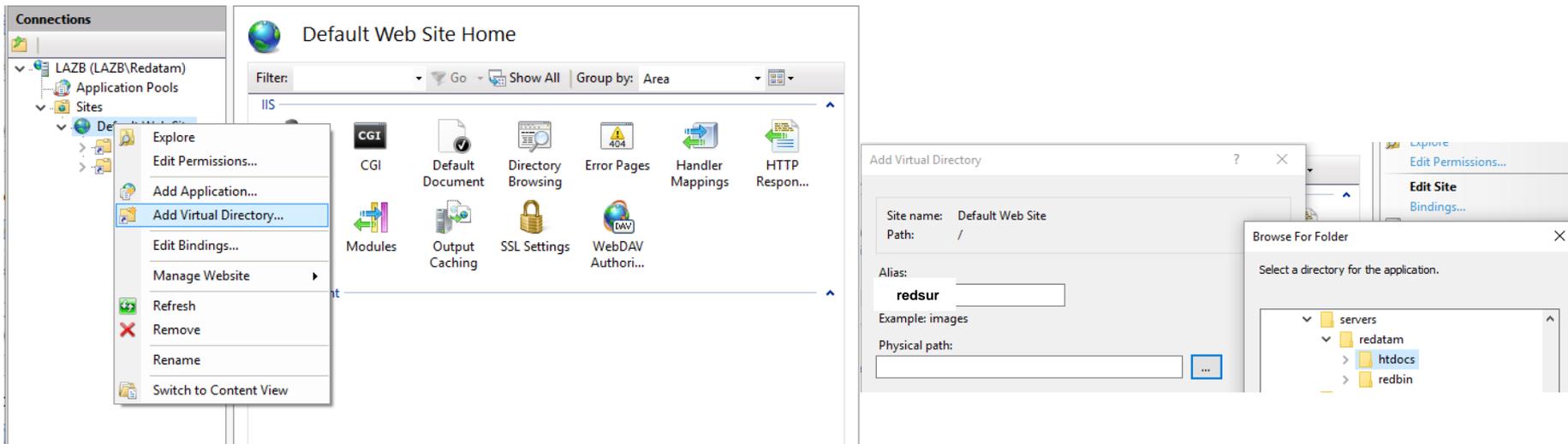
localhost

OPEN THE IIS MANAGEMENT CONSOLE FROM THE START MENU BY TYPING IIS... OR

OPEN THE IIS MANAGEMENT CONSOLE SELECTING THE OPTION MANAGE FROM THE POPUP MENU AT THE COMPUTER ICON
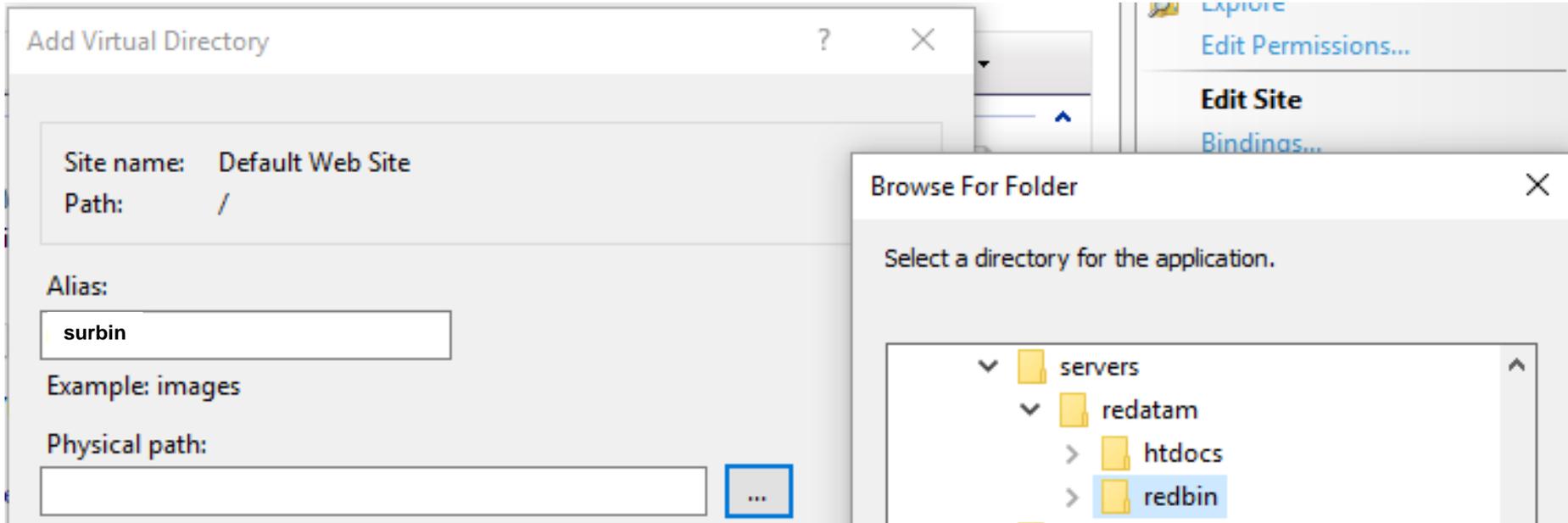
Computer

Open

Manage

Map network drive...

Disconnect network drive...

✓ Show on Desktop

Rename

Properties

IIS Configuration

Add virtual directory similar to "redatam" – public but using your country shortcut "redsur"
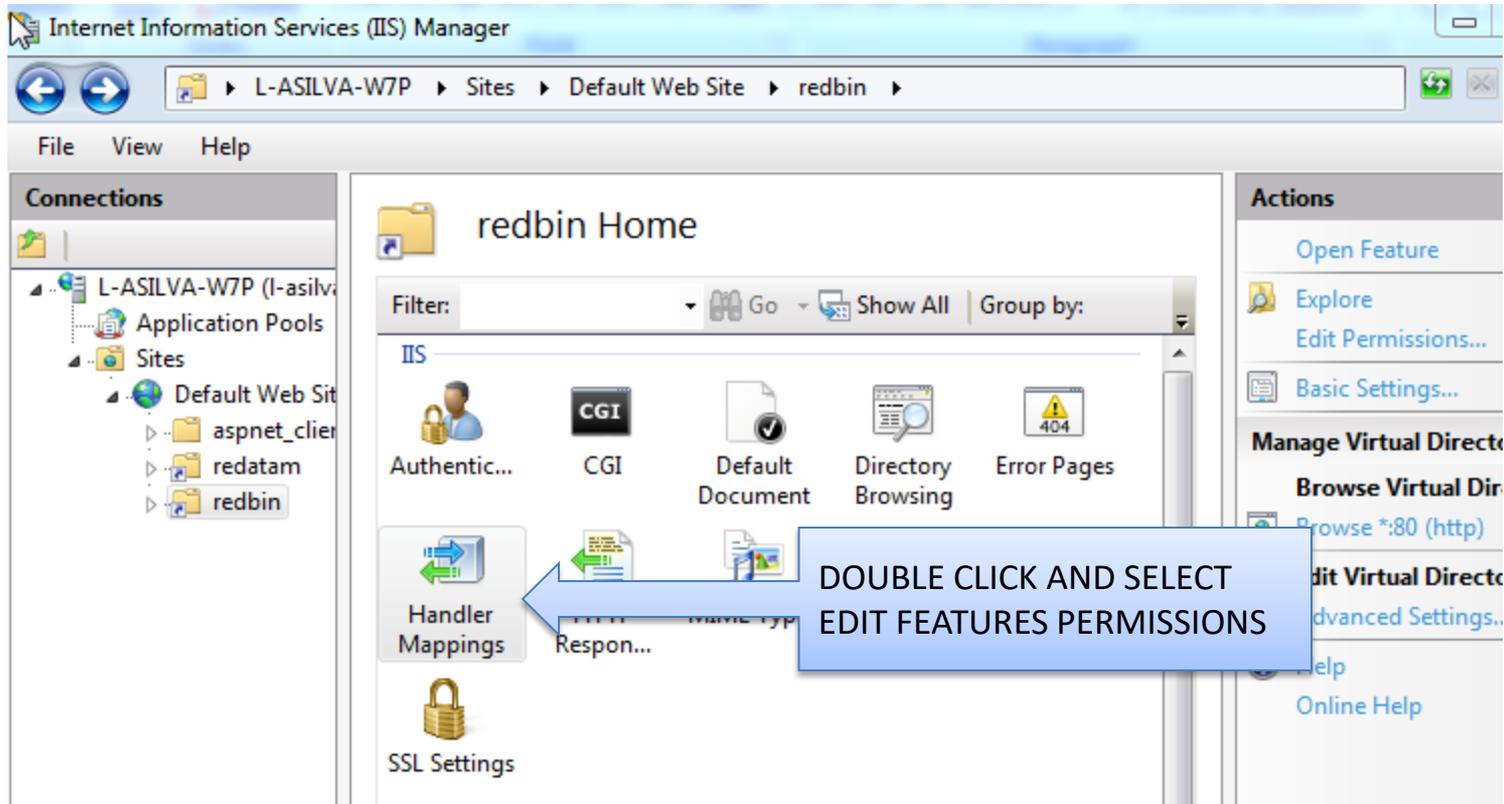
IIS Configuration

Add virtual directory like "redbin" – private using your country shortcut "surbin"

IIS Configuration

Edit Feature permissions of "redsur" - public

IIS Configuration

Edit Feature permissions of "binsur" – private including execute

Handler Mappings

Use this feature to specify the resources, such as DLLs and managed code, that handle responses for specific request types.

Group by: State

Name	...	Type	Handle
Enabled			
OPTIONSVerbHandle		pecified	Protoc
TRACEVerbHandler		pecified	Protoc
StaticFile		or Folder	StaticFi
CGI-exe			CgiMo

Edit Feature Permissions ? ✕

Permissions:

☑ Read

☑ Script

☑ Execute

CLICK the boxes

OK   Cancel

Actions

Add Managed Handler...
Add Script Map...
Add Wildcard Script Map...
Add Module Mapping...

Edit Feature Permissions...
Revert To Parent
View Ordered List...

❓ Help

Close the console and go back to the browser, reload IIS by typing localhost

Insert a index page

- Using any Internet browser of your choice, access the REDATAM index page of your choice and download the html page (example using Cayman Island index:

http://redatam.org/redcym/

- Right click button and download this page (or copy as...) and save just the html page under htdocs
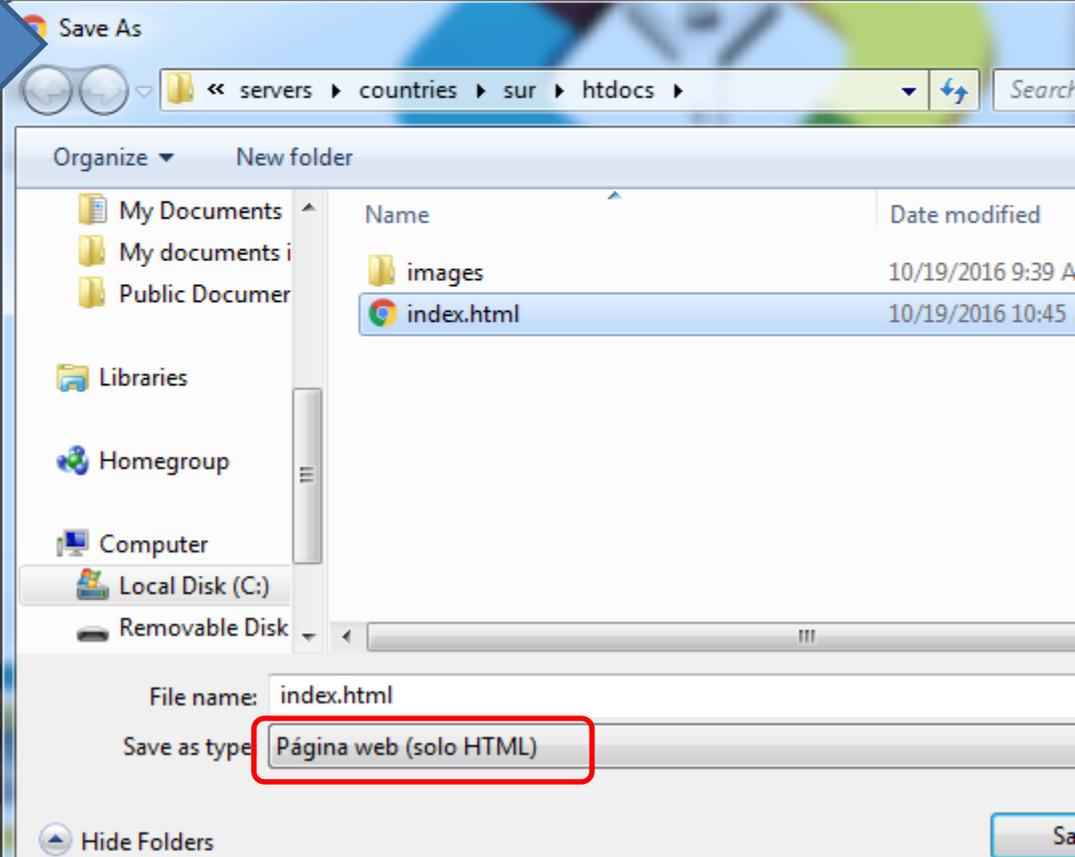
Census and Statistics Dissemination of the Cayman Islands

✅ **Microdata** - Greater exploitation of microdata at high speed

✅ **Agregated Data** - Integration of several data sources and/or series

✅ **Outputs** - Tables, Graphics and Thematic Maps

✅ **Greening** - Better and new features available for all
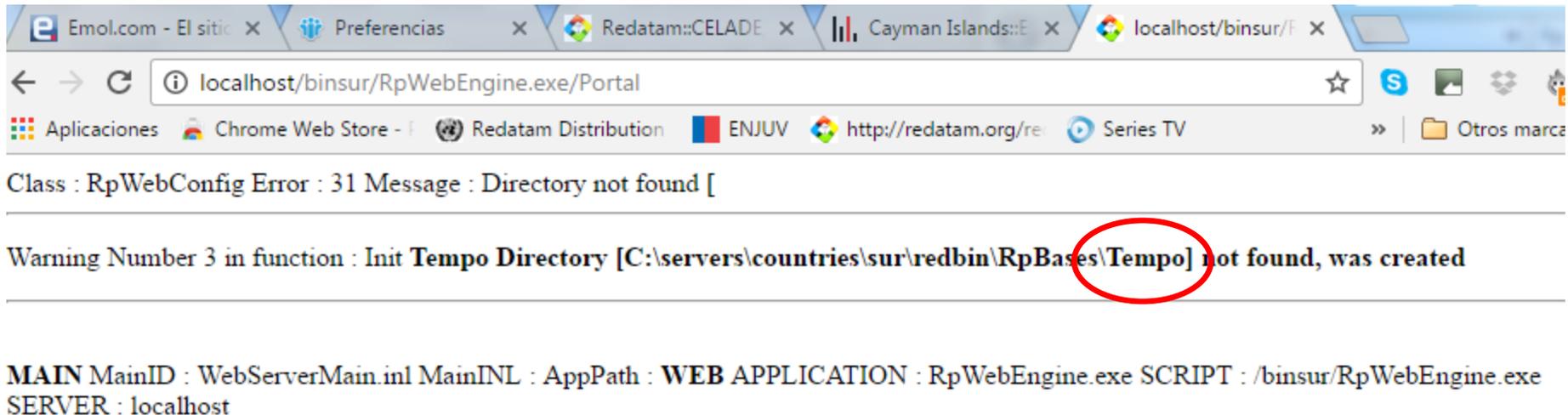
On-Line Process

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Save the HTML only page

Edit the index page

Edit the file index.html and change all reference to *redbin*, replace by using your new alias *binsur* and also replace all images and titles. For example: in line 80:

```
<a class="button join" href="/binsur/RpWebEngine.exe/Portal">On-Line Process"></div>
```

Save and run you're local call

localhost/redsur

Enter the site by clicking in On-Line Button, remember that the TEMPO folder is not created yet

Check the Index file

- After clicking the [On-Line Process] button the system should display the following screen:

The WebServer application is running and will proceed to create a "Tempo" directory required to store temporary Redatam files.

It is important that this folder is created by the application and not copied or created on the outside by the user.

Refresh the page (F5) to list the available local applications (will call the eng/webservermain.inl file)

Edit the Webservermain.inl and change the at line 10

PORTALTITLLE= SURINAME CENSUS DATA
PORTALSUBTITLE=

And the entries for NMIR group at line 88 (not any more New Miranda group)

NODES=1
NODE1=CENGROUP

Edit the Webnodes.inl and change the groups:

```
[CENGROUP]
CAPTION=DATABASES
NODETYPE=STRUCTURE
NODES=1
NODE1=PHCGROUP

[PHCGROUP]
CAPTION=DATABASES
NODETYPE=GROUP
NODES=2
NODE1=PHC2012
NODE2=*

[PHC2012]
CAPTION=Population and Housing Census 2012
INL=RpBases\sur2012\Surianme2012.inl
PAGETYPE=BASE
```

Edit the groups and then insert the proper INL file name

SURINAME CENSUS DISSEMINATION

REDATAM On-Line Process

▼ DATABASES

DATABASES

Redatam⁷

Fast & Friendly

Starting from this point update you're application using the given template. You have to modify database name (convert from dicX to dic).

Modify variable names