

Web Facing – Lab Preparation

1. WebSphere Application Server – Express for iSeries Environment
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3. WebFacing Server on iSeries
4. Map a network drive to iSeries Integrated File System
5. Create your user directory on iSeries Server
6. WebSphere Development Studio Client Installation

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1. WebSphere Application Server – Express for iSeries Environment

Make sure you have completed WebSphere Express lab modules and your instances of HTTP and WAS are up and running.

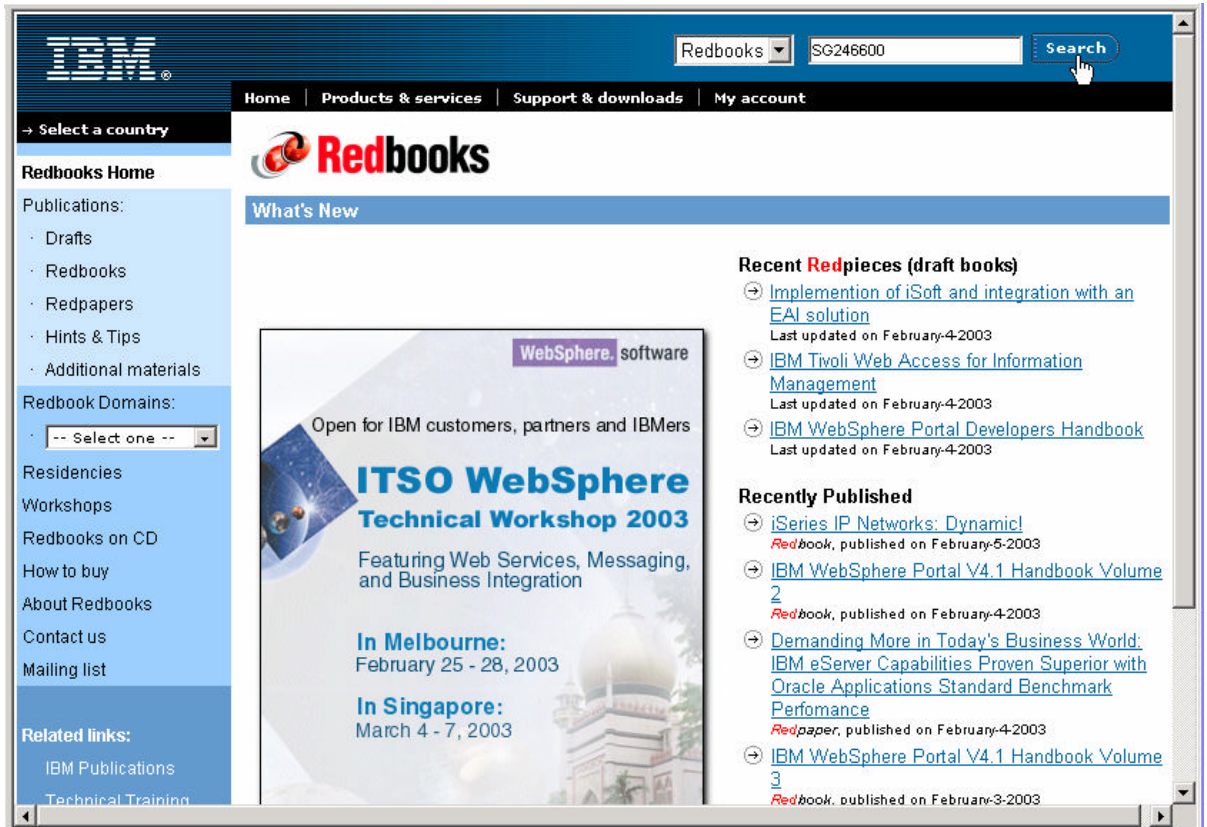
Ensure that you can successfully execute the snoop Servlet using external HTTP server.

2. Downloading and Restoring APILIB on the iSeries Server

Download APILIB from Rebooks website and upload it to iSeries System.

1. Go to <http://www.redbooks.ibm.com>

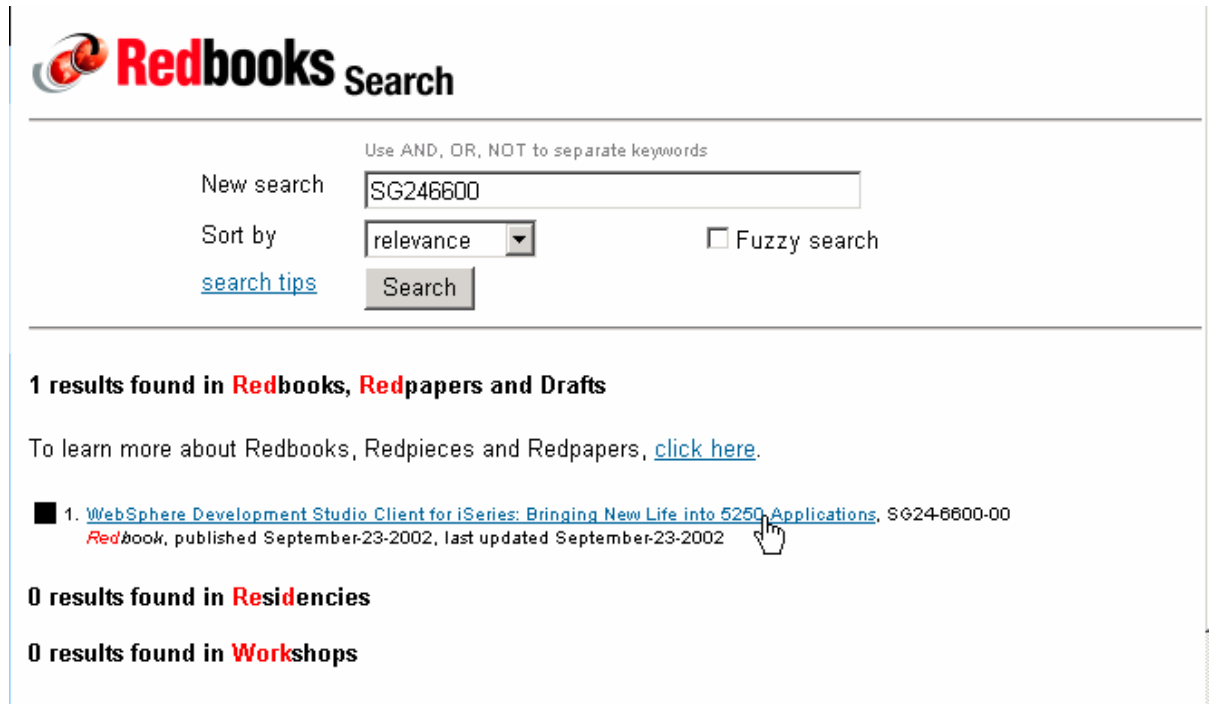
Enter SG246600 in the search box as shown:



Click on Search.

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__ 2. Following search results are displayed:



The screenshot shows the Redbooks Search interface. At the top left is the Redbooks logo. Below it is a search bar with the text "SG246600" entered. To the right of the search bar is a dropdown menu set to "relevance" and a checkbox for "Fuzzy search". Below the search bar is a "Search" button. Above the search bar is the text "Use AND, OR, NOT to separate keywords". Below the search bar is a link for "search tips". Below the search bar is a section titled "1 results found in Redbooks, Redpapers and Drafts". Below this section is a link "click here" to learn more about Redbooks, Redpieces and Redpapers. Below this link is a list of results, with the first result being "WebSphere Development Studio Client for iSeries: Bringing New Life into 5250 Applications, SG24-6600-00". Below this result is a link "Redbook, published September-23-2002, last updated September-23-2002". Below this link are two sections: "0 results found in Residencies" and "0 results found in Workshops".

Redbooks Search

Use AND, OR, NOT to separate keywords

New search

Sort by Fuzzy search

[search tips](#)

1 results found in Redbooks, Redpapers and Drafts

To learn more about Redbooks, Redpieces and Redpapers, [click here](#).

1. [WebSphere Development Studio Client for iSeries: Bringing New Life into 5250 Applications](#), SG24-6600-00
Redbook, published September-23-2002, last updated September-23-2002

0 results found in Residencies

0 results found in Workshops

Click on Link to look at Redbook Abstract.

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3. Redbook Abstract

The screenshot shows the IBM Redbook website interface. At the top, there is an IBM logo, a search bar, and navigation links for Home, Products & services, Support & downloads, and My account. The main header reads 'Redbook Abstract'. The title of the redbook is 'WebSphere Development Studio Client for iSeries: Bringing New Life into 5250 Applications'. The abstract text describes the IBM WebFacing Tool and its capabilities. On the right side, there is a 'This Redbook' section with options to view online (HTML) or download PDF (5.8 MB), a 'Buy now' button, and a 'Profile' section with publication and update dates. A mouse cursor is pointing to the 'Additional Material' link in the right sidebar.

Click on Additional Materials link

4. Additional Materials

The screenshot shows a file explorer window with a table of files. The file 'SG246600_AddMaterials.zip' is selected, and a context menu is open over it. The 'Copy To Folder...' option is highlighted by the mouse cursor.

Name	Size	Type	Modified
SG246600_AddMaterials.zip		File	8/26/2002 2:07 PM

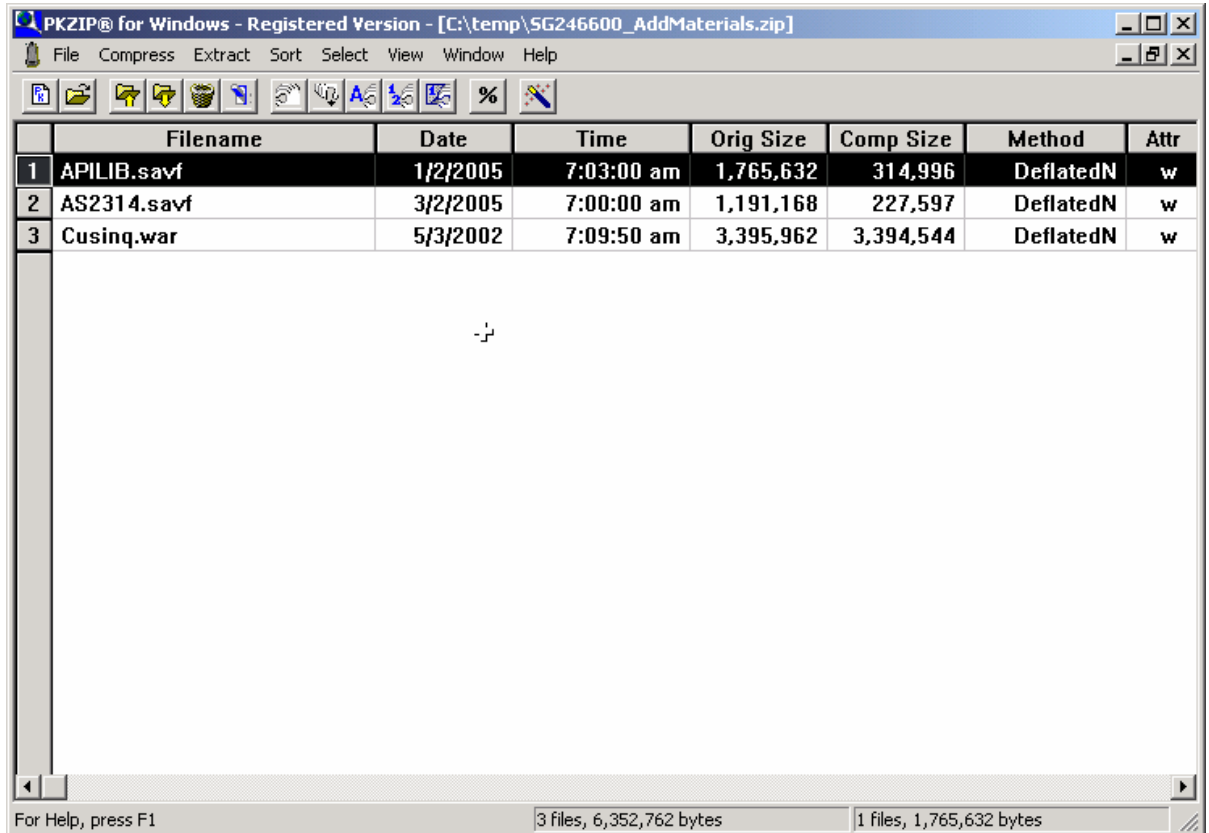
Right click on SG246600_AddMaterials.zip file and select Copy To Folder.

Select C:\temp folder on your PC.

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- __ 5. Extract files from ZIP file

Use Winzip or PKZIPto extract files.



We are interested in APILIB.savf.

- __ 6. Create a save file in QGPL library

Sign on to iSeries system using your iSeries userid and password.

Type following command on command line and press enter.

CRTSAVF QGPL/APILIB

- __ 7. FTP APILIB save file to iSeries System

Open command window / MS-DOS Prompt.

Type following command in command window:

cd \temp

ftp iseries_system_name

When prompted for userid, enter your iSeries userid

When prompted for password,, enter your iSeries password

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Commands in FTP session

```
bin
cd qgpl
put apilib.savf apilib (repl
quit
```

__ 8. Display contents of APILIB save file

Sign-on to iSeries System, if you already have 5250 session open use it.

Type following command on command line and press enter.

DSPSAVF QGPL/APILIB

Does it show contents similar to following?

```
Display Saved Objects - Save File
Library saved . . . . : APILIB           Release level . . . . : V4R4M0
ASP . . . . . : 1                     Data compressed . . . : No
Save file . . . . . : APILIB           Objects displayed . . : 6
  Library . . . . . : QGPL             Objects saved . . . . : 22
Records . . . . . : 3344              Access paths . . . . . : 0
Save command . . . . : SAVLIB
Save active . . . . . : *NO
Save date/time . . . : 05/01/02   15:03:44
```

Type options, press Enter.

5=Display saved data base file members

Opt	Object	Type	Attribute	Owner	Size (K)	Data
	APILIB	*LIB	PROD	ITSCID01	88	YES
	ORDENTR	*PGM	RPGLE	ITSCID01	316	YES
	ORDENTRCL	*PGM	CLLE	ITSCID01	72	YES
	PRTORDERR	*PGM	RPGLE	ITSCID01	176	YES
	SLTCUSTR	*PGM	RPGLE	ITSCID01	188	YES
	SLTPARTR	*PGM	RPGLE	ITSCID01	188	YES +

F3=Exit F12=Cancel

If not, you will have to do the FTP upload again.

__ 9. Restore APILIB library

Type following command on command line and press enter.

RSTLIB SAVLIB(APILIB) DEV(*SAVF) SAVF(QGPL/APILIB)

You will see following messages:

21 security or data format changes occurred. +

22 objects restored. 0 not restored to APILIB.

Make sure all 22 objects are restored on your iSeries System.

3. WebFacing Server on iSeries

Make sure WebFacing Server is started on the iSeries.



WebFacing Server on iSeries



- Make sure WebFacing server is up and running

```
Work with Active Jobs                                ISERIESA
                                                    02/21/03 14:01:16
CPU %:      3.1      Elapsed time:  00:00:00      Active jobs:   388

Type options, press Enter.
  2=Change  3=Hold  4=End  5=Work with  6=Release  7=Display message
  8=Work with spooled files  13=Disconnect ...

Opt  Subsystem/Job  User      Type  CPU %  Function      Status
---  -
QPASVRS  QSYS           QSYS      BCH   .0     PGM-QPASVRS   TIMW
QPASVRS  QSYS           QSYS      BCH   .0     PGM-QPASVRS   TIMW
QPASVRS  QSYS           QSYS      BCH   .0     PGM-QPASVRS   TIMW
QPASVRS  QSYS           QSYS      BCH   .0     PGM-QPASVRS   TIMW
QPASVRS  QSYS           QSYS      BCH   .0     PGM-QPASVRS   TIMW
QPASVRS  QSYS           QSYS      BCH   .0     PGM-QPASVRS   TIMW
QQFVTSVR QUSER          QUSER     BCI   .0     PGM-QQFVTSVR DEQW
QQFWFSVR QUSER          QUSER     BCI   .0     PGM-QQFWFSVR TIMW
QRWTLSTN QUSER          QUSER     BCH   .0
QSNMPSA  QTCP           QTCP      BCH   .0     PGM-QNMSARTR  DEQW

Parameters or command
===>
F3=Exit  F5=Refresh  F7=Find  F10=Restart statistics
F11=Display elapsed data  F12=Cancel  F23=More options  F24=More keys
```

Virtual Terminal Server

WebFacing Server

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If not, start WebFacing Server using following command:



WebFacing Server on iSeries



- How to start WebFacing server ?
✓ STRTCPSVR *WEBFACING

```
Start TCP/IP Server (STRTCPSVR)

Type choices, press Enter.

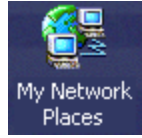
Server application . . . . . *webfacing    *ALL, *AUTOSTART...
+ for more values

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
```

4. Map a network drive to iSeries Integrated File System

Mapped network drive to your iSeries system will allow you to access the IFS.

- Right mouse click on the **Network Neighbourhood** or (**MyNetwork places**)



icon () on the desktop

- Select **Map Network drive** from the popup menu

In the **Folder Entry** field of the Map Network Drive dialog

- Enter **2 backslashes** and your web servers **Netserver name**

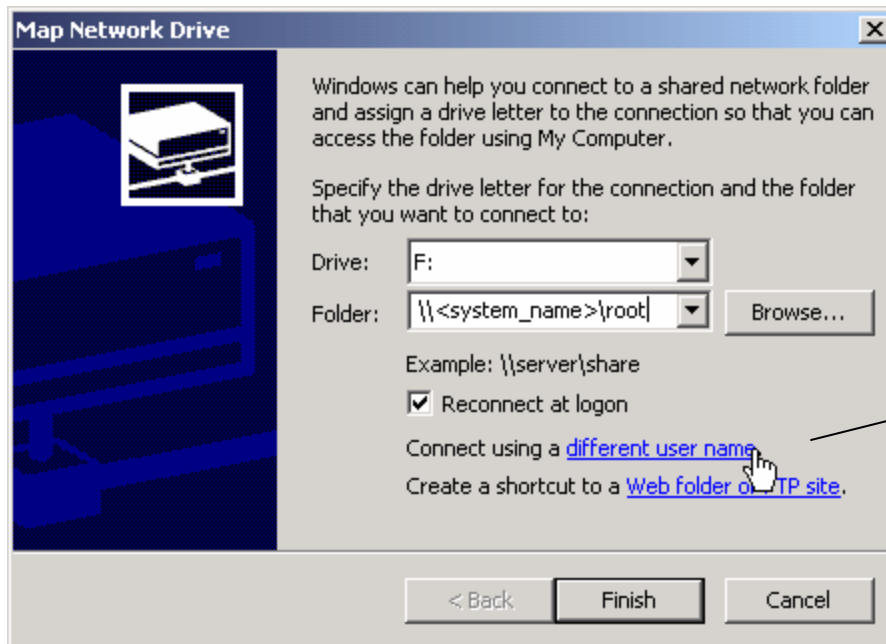
The name of the folder is \\<system_ name>\root

Choose an available drive letter, F: tends to be available.

Select the “Connect using a different user name” link.

Sign on with your iSeries user ID and password from the lab Information sheet.

Click on Finish.



5. Create your user directory on iSeries Server

Create your user directory on iSeries Server using the mapped network drive created in the previous step.

This directory will be used to export the WebFaced Application WAR file from WDS*c* to Integrated File System on iSeries Server.

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6. WebSphere Development Studio Client Installation

Install WebSphere Development Studio Client (WDSclient) version 4.0 on your PC.

Also, Install the WDSclient service pack 3