

# Appendix B: Verify Web Enablement (WB) Configuration / Add to Startup

## Introduction

Web Enablement (WB) is a critical prerequisite for most eGov projects involving integration with a third-party for payment processing. This write-up provides helpful info to confirm that the WB component was not only loaded successfully, but is configured to run at iSeries startup.

**NOTE: Separate instructions on loading WB product will be provided by Distribution with install media.**

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## Start

To start, log onto iSeries server 5250 session.

From a cmd line, Type: **WRKLIB XML4RPG** <Enter>

```

                                Work with Libraries

Type options, press Enter.
  1=Create   2=Change   3=Copy   4=Delete   5=Display   6=Print
  8=Display library description   9=Save      10=Restore
  11=Save changed objects        12=Work with objects   14=Clear

Opt  Library      Attribute  ASP
      XML4RPG     PROD
      Device      Text

Parameters for options 1, 2, 3, 5, 8, 9, 10, 11 and 12 or command
===>
F3=Exit      F4=Prompt   F5=Refresh   F9=Retrieve   F11=Display names only
F12=Cancel   F16=Repeat position to   F17=Position to

```

If the **XML4RPG** library is not listed, the **Web Enablement (WB)** product has not been installed.

The Web Enablement (WB) product must be purchased and installed before activation of and third-party payment interface.

## Add command to startup program to ensure XML4RPG will run on iSeries IPL

Customers using the XML4RPG (WB) product should make sure the below cmds are in the system startup program (QSTRUPPGM). NOTE: IF you are unfamiliar with how to add commands to your system startup program, please reach out to your IBM Support contact.

```
STRTCPSVR  SERVER (*HTTP) HTTPSVR (XML4RPG)
MONMSG MSGID (CPF0000)
```

## Verify Web Enablement (WB) product is correctly configured with default program libraries

From a cmd line, Type: **CALL WBCONFIG** <Enter>

```

WBCONFIG01          Web Enablement Configuration Update          4/15/15

```



Enter the libraries that web service programs can be called from:

Libraries	Libraries	Libraries	Libraries	Libraries
<u>XML4RPG</u>	_____	_____	_____	_____
<u>HTEFGM</u>	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

F3=Exit      F8=Update the config file

On a client's machine, the values on this screen should always contain the XML4RPG and SunGard Public Sector program library name(s). This is documented in the load instructions.

If you press the **F8=Update the config file**, the XML4RPG instance of the Apache server will be ended and restarted.

**Verify XML4RPG library is in the library list for ALL Menu Driver environments - NAVILINE and SELECT**

From the NAVILINE UI (5250 Session - iSeries Programmer Menu)

```

                          Programmer Menu
                                System:  HTEDEV3
Select one of the following:
  1. Start Data File Utility
  2. Work with Queries
  3. Create an object from a source file      object name, type, pgm for CMD
  4. Call a program                          program name
  5. Run a command                           command
  6. Submit a job                            (job name), , , (command)
  7. Go to a menu                            menu name
  8. Edit a source file member                (srcmbr), (type)
  9. Design display format using SDA          (srcmbr), , (mode)
  90. Sign off                               (*nolist, *list)

Selection . . . . .   5           Parm . . . .   _____
Type . . . . .       _____   Parm 2 . . . .   _____
Command . . . . .    call ht005p

-----
Source file . . . .   _____   Source library . . . . .   *LIBL
Object library . .   _____   Job description . . . . .   *USRPRF

F3=Exit      F4=Prompt      F6=Display messages  F10=Command entry
F12=Cancel   F14=Work with submitted jobs  F18=Work with output

```



Run the following command: CALL HT005P <Enter>

```

HT005P01                SunGard Menu Driver                8/24/15
                        Library List Maintenance            15:57:34

      Position to Application  __

options, press Enter.
      2=Change  3=Copy  4=Delete  5=Display

Opt   App   Additional      Suffix  Environment  Description
      GF   Library
  2   GF           CITY      CITY          S
  2   GF           LIBR      LIBRARY       U
  2   GF           TOWN      TOWNSHIP     U
  2   GM           CITY      CITY          S
  2   GM           LIBR      LIBRARY       U
  2   GM           TOWN      TOWNSHIP     U
  2   HT
  2   KL           PROD      ONEPOINT CORE S
  2   KR           PROD      C2G3 ACCTS RECV S
  2   KT           PROD      SPS TRANS MGR  S
  2   K1           PROD      C2G3 CORE     S
                                           More...

F3=Exit  F5=Refresh  F6=Add

```

Place **2=Change** next to all Application environments.

Press **<Enter>**

```

HT005P02                SunGard Menu Driver                8/24/15
                        Library List Maintenance - Change    14:25:37

Application . . . . . GF
Additional Library .
Suffix . . . . .
Environment . . . . . CITY
Environment desc . . CITY
System/User Code . . . S

Order  Library Name
  10   QTEMP
  20   INNOVATOR
  30   HTEUSRJ
  40   HTEMODJ
  50   HTEPTFJ
  60   HTEDTA
  70   HTEPGM
  80   HTESRC
  90   QGPL
 100   XML4RPG
 110   _____

                                           More...

F3=Exit  F12=Cancel

```

Add the **XML4RPG** library to the end of the library list for all Application environments.

Press **<Enter>**

**IMPORTANT:**



Sign back on to a SELECT UI menu.

From a cmd line, Type: **CALL HT005P** <Enter>

Repeat the steps as outlined on the previous page.

## Determine if XML4RPG is running and (and start manually if needed)

First, run the following command see active jobs in the QTMHHTTP job queue:

```
wrkusrjob qtmhhttp *active
```

Look for a XML4RPG job on the page

NOTE: you may have to Page Down to see it as in below screen shot

```
Work with User Jobs                                HTE400
                                                    05/20/16 23:25:38

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  Job          User          Type      -----Status-----  Function
    IWADFT      QTMHHTTP     BATCHI    ACTIVE                 PGM-QZSRHTTP
    QHTTP       QTMHHTTP     BATCH     ACTIVE                 PGM-QPMPUDCDRV
    XML4RPG     QTMHHTTP     BATCH     ACTIVE                 PGM-QZHBMAIN
    XML4RPG     QTMHHTTP     BATCHI    ACTIVE                 PGM-QZSRLOG
    XML4RPG     QTMHHTTP     BATCHI    ACTIVE                 PGM-QZSRHTTP
    XML4RPG     QTMHHTTP     BATCHI    ACTIVE                 PGM-QZSRHTTP

Parameters or command
===>
F3=Exit      F4=Prompt    F5=Refresh  F9=Retrieve  F11=Display schedule data
F12=Cancel   F17=Top      F18=Bottom  F21=Select assistance level

Bottom
```

If the job is NOT displayed, run the below command to manually start it:

```
STRTCPSVR SERVER (*HTTP) HTTPSVR (XML4RPG)
```

NOTE: May be prompted with a message – can ignore it by typing “I” and hitting enter.

---

**IMPORTANT: If issues persist with the above steps, please reach out to C2G Support prior to the date of your install for resolution.**