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## General description

This white paper shows how to send a notification through Skype in order to inform that the file in Spool has been converted into a Pdf document and is ready to be consulted.

The conversion on the Spool file into a Pdf document is carried out by the product *GPL4i*, integrated with *Skype4i*.

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## Requirements

These are the requirements that must be met in order to complete the activities found in this document

- The activities proposed in the white paper  
[http://www.jetlab.com/downloads/gpl4i/  
GPL4i-V2R0M0-WP005\\_Conversion\\_Spool\\_in\\_PDF\\_customizable-ENG.pdf](http://www.jetlab.com/downloads/gpl4i/GPL4i-V2R0M0-WP005_Conversion_Spool_in_PDF_customizable-ENG.pdf)  
have been done
- The activities proposed in the white paper  
[http://www.jetlab.com/downloads/skype4i/  
Skype4i-V2R0M0-WP001\\_Installation-ENG.pdf](http://www.jetlab.com/downloads/skype4i/Skype4i-V2R0M0-WP001_Installation-ENG.pdf)  
have been done
- The following job description has been modified  
CHGJOB JOB(R4SP020000) INLLIBL(R4SK020000 R4SP020000 JTJT040000  
JTJTK010000 QTEMP QGPL)

---

# Notification procedure

This chapter describes how to modify the `QPDSPLIB` conversion procedure to send a notification through Skype at the end of the Pdf document creation.

## Step 1

### Activate run time

Connect to IBM i with `R4SP020000` user and run the following:

```
STRSBS SBSD(JTJT040000)
```

## Step 2

### Activate remote device

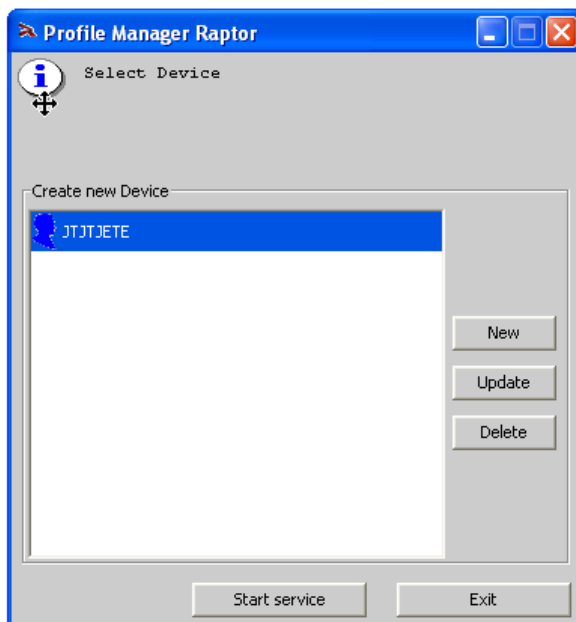
Activate the program *R400RemoteController*:

Start/All programs/ R400 Remote Controller/R400 Remote Controller

or

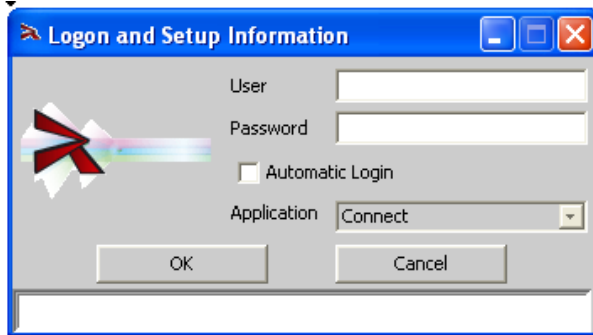
click the icon on the Desktop,

the following screen will be shown:



Select the *R400Device* that you want to activate and press the Activate Service button.

The following screen is shown:



If you press Cancel in the screen or if the connection failed, the *R400Device* icon will be shown anyway, but in red which means that it is not active.



On the contrary, after having furnished an IBM I user, the icon will be green, which means the *R400Device* is active.



### Step 3

#### Add to the procedure QPDSPLIB an \*ALERT action

Activate the conversion procedure manager by running this command:

```
WRKR4SPL
```

The list of the installed conversion procedures is shown.

```

0 Seq Procedure
_ 10 QPDSPLIB
_ 100 DEFAULT_132_066
  
```

Select the procedure QPDSPLIB with the option

A=Actions

Press

F6=New action

Add an \*ALERT action

```

Add action
Name . . . . . : alert
Type . . . . . : 8 1=*MODULE Assigns Pdf template
                2=*CUT Cuts Spooled file
                3=*USEREXIT User Exit
                4=*VARIABLE Assigns variables
                5=*CONTAINER Folder
                6=*ATTRIBUTE Document attributes
                7=*SERVICE Services
                8=*ALERT Alerts
  
```

## Step 4

### Add Skype alert

The action `alert` is now present in the list of the actions available to the `QPDSPLIB` procedure.

Select it with the option

A=Attributes

The following alerts can be added:

```
List of available alerts
Alert type. . . . : 1=Sms
                  2=Twitter
                  3=Skype
```

Select the Skype alert and furnish the parameters as it is shown in the image that follows:

```
List of *ALERT
Hold service:      N (Y/N)
Seq Attribute (?) / Value (?) (?=List active attributes or variables)
1 DEVICE
  JTJT040000
2 PROFILE
  xxxxxxxxxxxxxxxx
3 MESSAGE
  Document /GPL4IUT/temp/[&PROCEDURE1_[&SERIAL1].pdf_ready.
```

Substitute xxxxxxxxxxxxxxxx with an existing Skype account.

## Step 5

### Assign the action to the event

Go back to the procedure list and select the procedure `QPDSPLIB` with the option

E=Events

Select the event `*END` with the option

A=Action management

The list of the actions which are already assigned to the event `*END` is shown.

Press the button

F10=Action management

in order to show all the available actions for the procedure, and select the action `alert` previously realized.

The sequence of the actions carried out by the event `*END` must be the following:

```

Action list
Procedure name. .: QPDSPLIB
Event name. . . .: *END
Type options, press Enter.
    2=Change    4=Delete    A=Attributes
O Seq  Type      Action
█  _ 1  *ATTRIBUTE  attribute
  _ 2  *CONTAINER  container
  _ 3  *SERVICE   service
  _ 4  *ALERT      alert

```

**Step 6**

**Activate the procedure**

Running the following command, create a Spool file called QPDSPLIB in the system:

```
DSPLIB LIB(QGPL) OUTPUT(*PRINT)
```

Access to the list of the Spool files; select the file QPDSPLIB with the option 2 and modify the Print parameter

```
Print . . . . . JTJT040000
```

Reply to the \*STD module loading request by selecting the same QPDSPLIB file with option 7, and respond with I=Ignore to the message.

```
Reply . . . I
```

**Step 7**

Verify that the document

```
c:/gp14iut/temp/QPDSPLIB_<serial>.pdf
```

has been created. Also verify that an alert has been sent via Skype from the PC where the Device JTJT040000 had been started.

