How to send log or output files as an attached mail

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Agenda

- Using dummy printers

- Define printer driver, style and type

- Use printer style when defining concurrent programs

- Ask for one copy when running concurrent requests

- Questions & Answers: Alternative solutions

Suggested solution: Using dummy printers

Q: When should we use this solution ?

A: Preferably when you do not need to print log or output files

- Define a printer driver

Navigation: Install>Printer>Driver

Define a printer driver

Define a printer driver

When this driver is used $CRE_PATH/$APPLBIN/email_virb ($CRE_PATH and $APPLBIN are known by concurrent managers) is called with the parameter $PROFILES$.FILENAME (output file name for concurrent request)

- Define a printer style

Navigation: Install>Printer>Style

Define a printer style

Define a printer type

- Define a printer type

Navigation: Install>Printer>Types

You can either define a new type or use an existing type

Define a printer type

Define a printer

- Define a dummy printer

Navigation: Install>Printer>Register

Define concurrent program

You can either define a new printer or use an existing printer

- Assign the new style to concurrent programs

Navigation: Concurrent>Program>Define

Define concurrent program

How to send mail

- $CRE_PATH/$APPLBIN/email_virb (shell script)

cat my_bodyfile > temp_file

uuencode $1 my_outfile >> temp_file

cat temp_file |mailx -s "My subject" email1

- Note: my_bodyfile is the body of the mail.

How to run the request

- Ask for one printer copy to send mail

Questions & Answers

Q: Am I oblige to create a script on database server (email_virb here) ?

A: No, you can change arguments for driver to

cat $MY_PATH/my_bodyfile |uuencode $PROFILES$.FILENAME my_outfile | mailx -s "My subject" email1

Questions & Answers

Q: What about log file ?

A: log file name is l$PROFILES$.CONC_REQUEST_ID.req and the path is generally $APPLCSF/$APPLLOG. The only problem is that log file will be complete only when mail command returns. So you will need to run mail command in background and probably add a sleep in that mail command (mail command represents here the all script to send mail).

Questions & Answers

Q: Can we send that mail to the requestor mail only ?

A: Yes, you will need to join fnd_user and fnd_concurrent_requests tables. Your shell script should be able to connect to the database (assuming emails are set on fnd_user.email_address).

Questions & Answers

Q: What will you recommend if the output file is a report and you still need to print that report ?

A: You can either write a shell script to send email and print also (the printer will not be dummy anymore) or write a separate concurrent manager program to email log and output file for a given request_id. For the request id, a list of value can be created to have the name of the concurrent program, request date, requestor name…

Questions & Answers

Q: What can we do if we are not using Unix ?

A: Check which mail commands can be used for your system. Possibly you can also download free or commercial products.