

Using the AS/400 RUNUBE Command with EnterpriseOne®

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Editor's Note: CNC specialist Mike Wright shows us how to get more flexibility in our scheduled batch jobs. Making use of the RUNUBE command, you can kick off one task after the first one has finished – tasks such as printing invoices at the end of the batch job that generates them. This command can help you increase the efficiency of your unattended processes. Some of the techniques discussed here may not be needed once you upgrade to Enterprise 8.9, but in the meantime, RUNUBE could certainly save you some time.

When running a batch job or UBE from EnterpriseOne®, it's as simple as checking a box titled "print immediate" to generate a print out when your job is finished processing. But what do you do if

you want to print immediate from the EnterpriseOne job scheduler? For those of us on AS/400 enterprise servers, how do you handle the situation where you are populating a Z file with an RPG or CL program and immediately want to kick off a batch job to pull those records into EnterpriseOne? The answer to both of these tough questions is to use the RUNUBE command on the AS/400 in CL programs.

The RUNUBE command is basically the AS/400 command equivalent of submitting batch jobs from EnterpriseOne. It is a command supplied by PeopleSoft, but it is only supported if you use it from a command line. Running just from the command line doesn't give you a lot of benefit because it's going to

function the same as a manual batch job submission.

This article breaks down each parameter of the RUNUBE command and goes through some troubleshooting tips, including how to incorporate this command into a CL program to make it more useful.

The RUNUBE AS/400 command is launched from the system library that is affected or changed by service packs, B7333SYS or B7334SYS, depending on what release of EnterpriseOne you have installed. You'll want to add that system library to your library list to access the command. Once you do that with either the ADDLIBL command or the EDTLIBL command, you can simply type in RUNUBE as seen in Figure 1.

```

MAIN                                OS/400 Main Menu                                System:  RDWGVL2
█                                     █
Select one of the following:

    1. User tasks
    2. Office tasks
    3. General system tasks
    4. Files, libraries, and folders
    5. Programming
    6. Communications
    7. Define or change the system
    8. Problem handling
    9. Display a menu
   10. Information Assistant options
   11. Client Access/400 tasks

    90. Sign off

Selection or command
===> RUNUBE
-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F23=Set initial menu
Type option number or command.

```

Figure 1: Command line

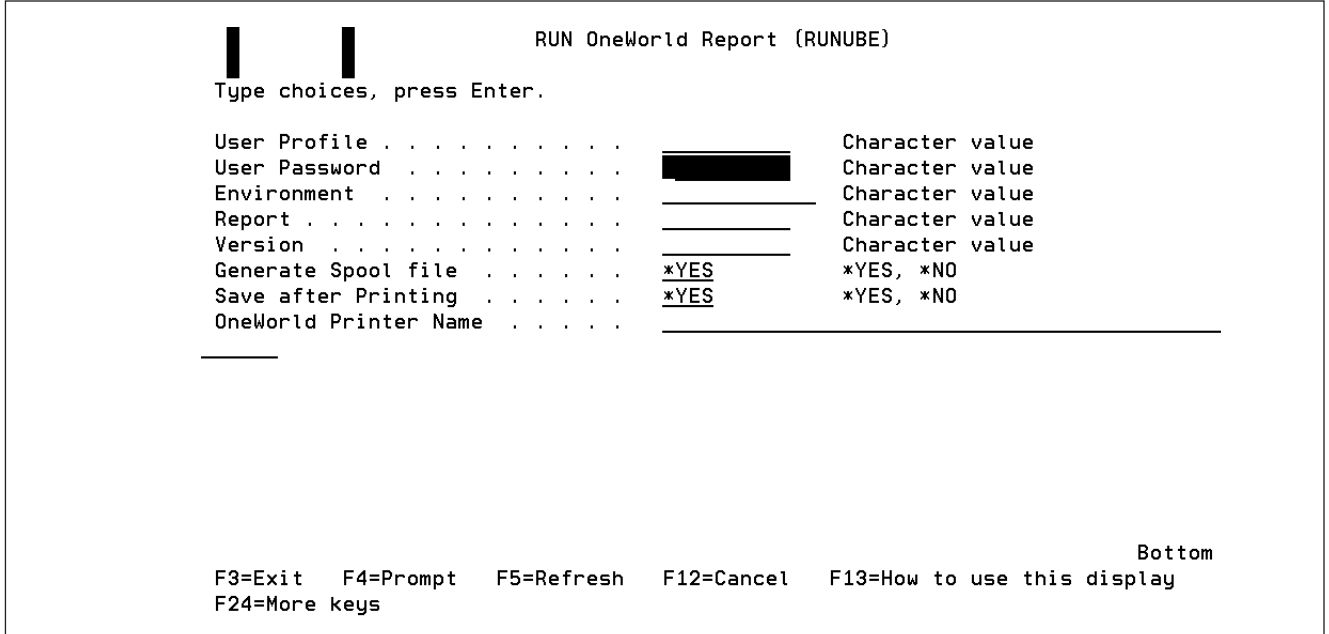


Figure 2: RUNUBE parameters

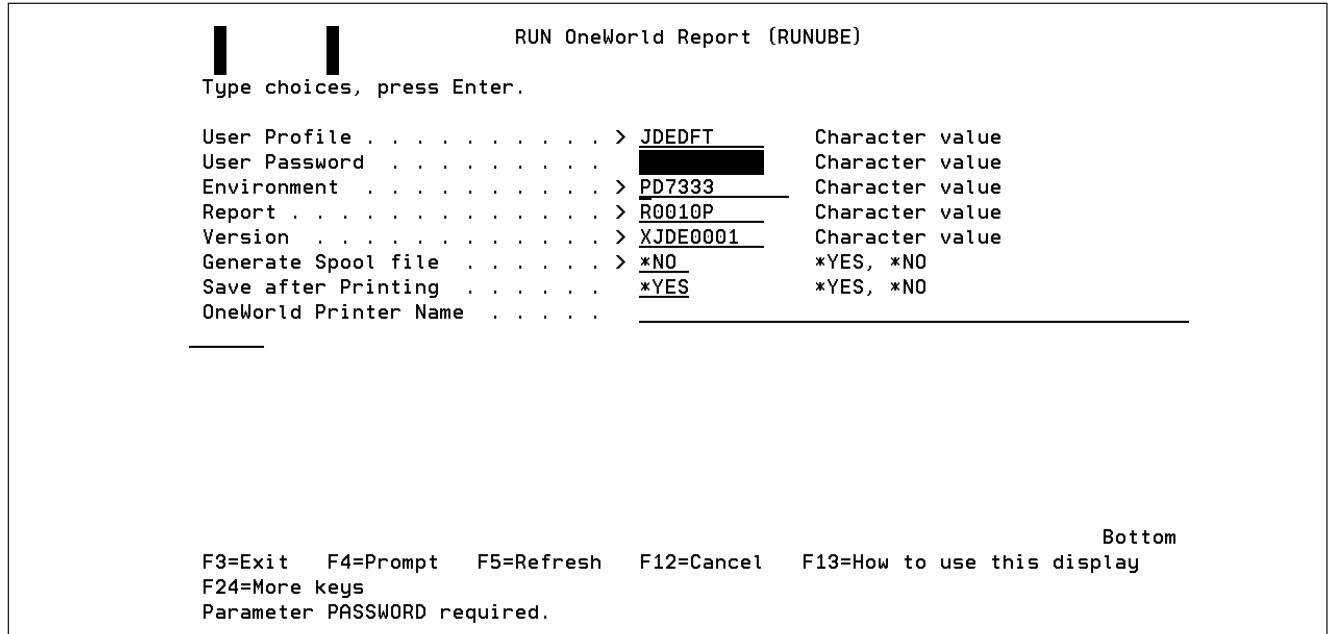


Figure 3: Sample parameters with password error

Parameters

Then prompt the command with F4 to see the parameters seen in Figure 2.

There is no help available by using the F1 key like standard IBM commands. Some of these parameters are as easy as they appear to be and some need a little explanation, but we'll go through each one.

User Profile/Password – On these two lines you will use a valid EnterpriseOne username and password. As with each parameter, it's very important that you type these in correctly, or it will cause you problems.

The password is masked as you type it when you do the command interactively but it will show in a CL program. The password is a

required field so you may want to spend a little bit of time thinking about how to secure that password. You can use an EnterpriseOne profile that is just for RUNUBE commands and then lock it down on the EnterpriseOne side or you can use data areas on the AS/400 to pull in passwords and then secure the data area. You could try to secure the source code for the CL, but if

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