FORTRA

Robot Schedule
EnterpriseOne Interface
1.36

User Guide

About Robot Schedule Interface to Oracle EnterpriseOne

The Robot Schedule EnterpriseOne Interface provides an easy-to-use entry to EnterpriseOne (formerly known as JD Edwards OneWorld) ERP (Enterprise Resource Planning) applications. The interface gives you the ability to schedule an EnterpriseOne Universal Batch Engine job (or UBE) on the IBM i™ using Robot Schedule. A UBE can perform a variety of functions, such as update a database or produce a report based on the selection criteria contained in the UBE. UBEs also are known as reports and are referred to as reports throughout this User Guide. The interface also allows you to see the status of your EnterpriseOne reports, schedule jobs to run in reaction to the completion of an EnterpriseOne report job, run report jobs in reaction to other jobs, and view logging information.

With the Robot Schedule EnterpriseOne Interface, you can:

- Use Robot Schedule to run your EnterpriseOne reports. You can use Robot Schedule reactivity to schedule jobs that are dependent on the completion of EnterpriseOne reports or to run an EnterpriseOne report in reaction to the completion of another job.

- Schedule your reports once in Robot Schedule and you have nothing more to do, ever. The Robot Schedule EnterpriseOne Interface allows you to define data selection objects that use Robot Schedule reserved command variables to pass dynamic values into the report. You'll never have to enter your report parameters interactively again.

- View the true completion status of your EnterpriseOne report. The Robot Schedule EnterpriseOne Interface checks the EnterpriseOne process for completion status and updates Robot Schedule. This allows you to react to, and have dependency processing based on, the completion of another batch job or UBE.

  Use Robot Schedule's job completion history to see how your EnterpriseOne job completed. If a job ends abnormally, you can use Robot Alert, the IBM i e-mail and pager messaging software, to send an e-mail or pager message notifying the operator.

- Control the logging process of reports for jobs scheduled in Robot Schedule, providing a helpful debugging tool. The logs are copied to IBM i spooled files so you can display or print them to help identify a problem.

System Requirements

To use the Robot Schedule EnterpriseOne Interface, you must have the following installed on your IBM i system:

- Robot Schedule R09M25, or higher
- JD Edwards OneWorld, XE Service Pack 22 or higher

You also must have valid Robot Schedule and Robot Schedule EnterpriseOne Interface license codes. To obtain a license code for the Robot Schedule EnterpriseOne Interface, contact your Regional Sales Manager. Note: This license code is different from your Robot Schedule license code.

Main Menu

The Main Menu allows you to define and maintain the Robot Schedule EnterpriseOne Interface. To display the Main Menu, do one of the following:

Enter the command RBO on a command line and select the option for Robot Schedule for EnterpriseOne

or

Enter the following commands on a command line:

ADDLIBLE RBTEPRLIB

RBJ

The main menu displays:

Select option **1** to see and work with user profile objects.

Select option **2** to work with data selection objects.

Select option **3** to display the Product Setup Menu, which lets you set up libraries, environments, security, and specify if you want to use Robot Schedule EnterpriseOne Interface security.

Overview of Managing User Profiles

The Robot Schedule EnterpriseOne Interface allows you to define a user profile object that makes it easy to run EnterpriseOne UBEs without having to sign into EnterpriseOne each time. Normally, you must enter your EnterpriseOne user profile and password each time you run an EnterpriseOne report, making it difficult to schedule the report. In addition, if you change your password, you must change it everywhere it is used.

A Robot Schedule EnterpriseOne Interface user profile object contains your EnterpriseOne user profile and password. When you run the RBJRUNUBE command, you only need to enter the user profile object name. And, if your password changes, the only place you need to make the change is in the user profile object.

If your EnterpriseOne application program stores data files on a different IBM i system or partition than the one you are running the job from, you can define a user profile object for that system. This allows the Robot Schedule EnterpriseOne Interface to locate the data it needs to complete the job.

The Robot Schedule EnterpriseOne Interface not only makes it easier to maintain your password, it also encrypts the password. Currently, EnterpriseOne processes allow anyone who can read a job log to have access to the password. The Robot Schedule EnterpriseOne Interface makes it much more secure.

By using a user profile object, you can easily schedule your reports in Robot Schedule and automate your EnterpriseOne process.

Maintain User Profile Objects Panel

The Maintain User Profile Objects panel lists all user profile objects that have been defined. You can define user profile objects for both EnterpriseOne and the IBM i. An EnterpriseOne user profile object contains the EnterpriseOne user profile and password information required by EnterpriseOne. If the job you are running requires data from another IBM i system, an IBM i user profile object allows the job to sign on to that system and access the data.

```
RBJ580                    Robot/SCHEDULE for EnterpriseOne        08:17:28
                            Maintain User Profile Objects         CYBRKING

  Start at User Profile: _____

Options
  A=Add/Copy/Delete    1=Select
Opt  User Profile  Description                    Type
 __   SANDERSON     Steve Anderson-Inventory       EnterpriseOne
 __   SANDERSON     Steve Anderson-Developmnt      iSeries
 __   SCHEDUSR      Schedule User                  EnterpriseOne
 __   SCHEDUSR      Schedule User                  iSeries
 __   TLARSON       Tim Larson                     EnterpriseOne



                                                               Bottom

F3=Exit      F6=Add Record     F21=System Command
```

Related Topics

[Creating and Editing User Profile Objects](#)

[Deleting User Profile Objects](#)

Creating and Editing User Profile Objects

Use the Maintain User Profile Objects panel to create new or edit existing user profile objects.

- To modify an existing user profile object, enter a **1** next to the object name.
- To add a new user profile object, press **function key 6** or enter an **A** in the Opt column and select **Add**.
- To add a new user profile object based on an existing one, enter an **A** in the Opt column and select **Copy**.

The Maintain User Profile Object panel displays:

```
 RBJ582               Robot/SCHEDULE for EnterpriseOne          08:19:39
                      Maintain User Profile Object             CYBRKING


      User Profile. . . . . . . . . . : SANDERSON
      Description . . . . . . . . . . : Steve Anderson-Inventory

       Password . . . . . . . . . . . :
       Password Validation. . . . . . :

       Profile Type . . . . . . . . . : 1    1=EnterpriseOne
                                             2=iSeries










 F3=Exit    F12=Previous   F21=System Command
```

Use the Maintain User Profile Object panel to define a new user profile object or modify an existing object.

Command	Description
User Profile	Enter the name of the user profile for which you want to define a user profile object. If the user profile object will be used to run EnterpriseOne reports, the user profile must have authority in EnterpriseOne. The user profile name is not checked to verify that it is a valid EnterpriseOne user profile. If the user profile name you enter is not valid, it will result in an error when you run the RBJRUNUBE command. If the user profile object will be used to sign on to another IBM i system or partition, the name you enter must be a valid IBM i user profile. If you are modifying an existing user profile object, you cannot change the user profile name.
Description	Enter a brief description for the user profile object. You can change the description for an existing user profile object at any time.
Password	Enter a password for the user profile. If the user profile object type is EnterpriseOne, enter an EnterpriseOne password. If the user profile object type is IBM i, enter the IBM i password for the user profile.
Password Validation	Enter the password again. The values you enter in the Password and Password Validation fields must be the same.
Profile Type	Specify the user profile object type. The type can be one of the following: 1 - The user profile and password allow you to run an EnterpriseOne job. 2 - The user profile and password allow you to sign on to another IBM i system or partition.

You can set up a user profile object of each type for the same user profile.

Deleting User Profile Objects

To delete an existing user profile object, enter an **A** in the Opt column and select **Delete**.

```
RBJ580                    Robot/SCHEDULE for EnterpriseOne      08:50:21
                            Maintain User Profile Objects        CYBRKING

   Start at User Profile: _____

Options
  A=Add/Copy/Delete    1=Select
Opt  User Profile   Description                  Type
A    SANDERSON      Steve Anderson-Inventory     EnterpriseOne
__   SANDERSON      Steve Anderson-Developmnt    iSeries
__   SCHEDUSR       Schedule User
__   SCHEDUSR       Schedule User                RBJ700        08:53:06
__   TLARSON        Tim Larson                                 CYBRKING
                                              1=Select
                                              _  Copy Record
                                              1  Delete Record
                                              _  Add Record

                                              F3=Exit

                                                                   Bottom

F3=Exit      F6=Add Record      F21=System Command
```

You cannot make any changes to the user profile information displayed on the panel. A message displays asking you to confirm that you want to delete the selected user profile object. Press Enter to delete the user profile object.

```
RBJ582                    Robot/SCHEDULE for EnterpriseOne      08:21:21
                            Maintain User Profile Object         CYBRKING

     User Profile. . . . . . . . . . . : BSMITH
     Description . . . . . . . . . . . : Bob Smith - Production

       Password . . . . . . . . . . . :
       Password Validation. . . . . . :

       Profile Type . . . . . . . . . : 1    1=EnterpriseOne
                                              2=iSeries




            Press ENTER to remove this User Profile from Enrollment

F3=Exit
```
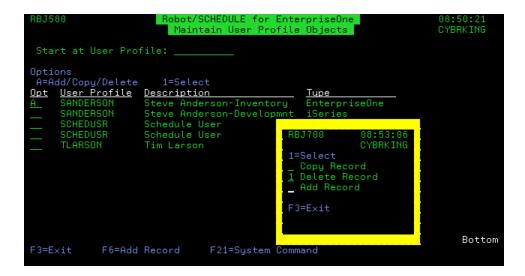
Overview of Data Selection Objects

A data selection object includes the selection information necessary to run a report in EnterpriseOne. When you define a data selection object, you enter a name and description for the object and then specify the EnterpriseOne environment, report, and version to run. You also specify how the Robot Schedule EnterpriseOne Interface should respond if the data selection object's selection criteria differs from the selection criteria in EnterpriseOne.

When you create a data selection object, the selection criteria for the specified environment, report, and version is copied to the IBM i. You can edit the data selection data and modify the selection criteria by adding reserved command variables.

The Robot Schedule EnterpriseOne Interface maintains the data selection object and uses it when you run the RBJRUNUBE command. Each time you use the data selection object, the Robot Schedule EnterpriseOne interface compares the selection criteria in its object with the report version in EnterpriseOne. If they are different, Robot Schedule for EnterpriseOne uses the action you entered when you defined the object.

The ability to change the values used to run the report provides greater flexibility by allowing you to reuse the data selection object and schedule your EnterpriseOne reports in Robot Schedule.

Maintain Data Selection Objects Panel

The Maintain Data Selection Objects panel lists all the data selection objects that have been defined. From this panel, you can add a new data selection object, or modify or delete an existing object.

```
RBJ226                  Robot/SCHEDULE for EnterpriseOne         09:11:07
                        Maintain Data Selection Objects          CYBRKING

   Start at Release: _____    Object: _____

Options
 A=Add/Copy/Delete     1=Select       2=Edit Detail
Opt   Release      Object        Description
 __    *DFT        R0006P_01     DV7333 Ver:XJDE0001
 __    *DFT        R0008P_01     DV7333 Ver:XJDE0001
 __    *DFT        R0018PUR01    DV7333 Ver:XJDE0001
 __    *DFT        R0018P1_01    DV7333 Ver:XJDE0004
 __    *DFT        R11C760_03    Cash Basis Report
 __    *DFT        R14115_D01    PRD G/L Budget
 __    *DFT        R41411_03     Select items for count
 __    *DFT        R42800        Sales Update
 __    R8.11       R14115_D01    PRD G/L Budget
 __    R8.11       SALES_INV1    Sales Invoices 1



                                                         Bottom

F3=Exit     F6=Add Record     F21=System Command
```

Release: The release environment that this data selection object uses.

Object: The names of all the data selection objects that have been defined.

Description: A brief description of the data selection object.

Related Topics

Adding Data Selection Objects

Deleting Data Selection Objects

Changing Selection Criteria

Adding Data Selection Objects

Use the Maintain Data Selection Objects panel to create new or edit existing data selection objects.

```
RBJ226                  Robot/SCHEDULE for EnterpriseOne      09:11:07
                        Maintain Data Selection Objects       CYBRKING

   Start at Release: _____    Object: _____

Options
 A=Add/Copy/Delete    1=Select       2=Edit Detail
Opt  Release         Object          Description
__   *DFT            R0006P_01       DV7333 Ver:XJDE0001
__   *DFT            R0008P_01       DV7333 Ver:XJDE0001
__   *DFT            R0018PUR01      DV7333 Ver:XJDE0001
__   *DFT            R0018P1_01      DV7333 Ver:XJDE0004
__   *DFT            R11C760_03      Cash Basis Report
__   *DFT            R14115_D01      PRD G/L Budget
__   *DFT            R41411_03       Select items for count
__   *DFT            R42800          Sales Update
__   R8.11           R14115_D01      PRD G/L Budget
__   R8.11           SALES_INV1      Sales Invoices 1

                                                         Bottom
F3=Exit     F6=Add Record      F21=System Command
```

- To modify an existing data selection object, enter a **1** next to the object name.
- To add a new data selection object, press **function key 6** or enter an **A** in the Opt column and select **Add**.
- To add a new user data selection based on an existing one, enter an **A** in the Opt column and select **Copy**.
- To edit selection criteria for a data selection option, enter a **2** in the Opt column.

The Data Selection Object panel displays:

```
RBJ228                Robot/SCHEDULE for EnterpriseOne        09:20:10
                       Data Selection Object                  CYBRKING
                                        Validation: *OFF

    Release Name. . . . . . . : *DFT        (F4)
    Data Selection Object Name: _____
    Description. . . . . . . .: _____
    Environment. . . . . . . .: _____       (F4)
    Report . . . . . . . . . .: _____
    Version. . . . . . . . . .: _____



During execution, if the Data Selection Object detail is different than the
version's current data selection criteria:      1=Select  (Select one)
   Fail . . . . . . . . . . . . . . . . . . . . . . . . : 1
   Use the Data Selection Object as the selection criteria: _
   Use the current data selection criteria. . . . . . . : _




F3=Exit   F4=Prompt    F12=Previous    F21=System Command
```

Use the Data Selection Object panel to define a new data selection object or modify an existing object. The Data Selection Object panel requires you to define the EnterpriseOne environment, report, and version you want to run. You also specify how the Robot Schedule EnterpriseOne Interface should respond if the data selection object's selection criteria differ from the selection criteria in EnterpriseOne.

Command	Description
Validation	The Validation field indicates if the environment entered in the Environment field is a valid EnterpriseOne environment (has a valid library setup in the product setup). If the environment is valid, *ON displays in the Validation field. If the environment is valid, but doesn't have valid libraries specified on the Product Setup Maintain Libraries panel, the Validation field displays *OFF.
Release Name	Enter the release environment you want to use. Enter ***DFT** to use default libraries. Press **function key 4** to prompt the release finder.
Data Selection Object Name	Enter a name for the data selection object. If you are modifying an existing data selection object, you cannot change the name.
Description	Enter a brief description for the data selection object. You can change the description for an existing data selection object at any time.
Environment	Enter the EnterpriseOne environment to be used by the data selection object. The environment is validated against the EnterpriseOne database and must exist in the database. Press function key 4 to select from a list of environments. If you change the environment for an existing data selection object, you might need to reset the data selection criteria.
Report	Enter the Report to be used by the data selection object. Press function key 4 to display the Report & Version Finder window from which you can select a valid report name. All reports and their versions display in the finder window.If you change the report for an existing data selection object, you might need to reset the data selection criteria. **Note:** You must have entered a valid environment name in the Environment field before you can prompt the Report field. If validation is off, you cannot prompt the Report field.

Version	Enter the Version name to be used by the data selection object. Press function key 4 to display the Report & Version Finder window from which you can select the version to use. Only the versions available for the report specified in the Report field display. If you change the version on an existing data selection object, you might need to reset the data selection criteria.
	
	Note: You must have entered a valid report name in the Report field before you can prompt the Version field. If validation is off, you cannot prompt the Version field.
	
	Use the options on the lower portion of the panel to indicate how the Robot Schedule EnterpriseOne Interface should respond if the data selection criteria in the data selection object differ from the current EnterpriseOne version's data selection criteria when you run the RBJRUNUBE command. Enter a 1 to select one of the following:
	
	  • Fail
	    The command fails and stops. This is the default.
	  • Use the Data Selection Object as the selection criteria
	    Use the data selection object you've defined even if its selection criteria differ from the EnterpriseOne version.
	  • Use the current data selection criteria
	    Use the EnterpriseOne version's data selection criteria.

Changing Selection Criteria

Use the Maintain Data Selection Objects panel to create new or edit existing data selection objects.

Enter a **2** next to an object on the Maintain Data Selection Objects panel to display the Data Selection Editor panel.

Note: The first time you display a new data selection object, the selection data must be copied from EnterpriseOne. The Logon to EnterpriseOne window displays asking you to enter a user profile object name. Enter a user profile object or press function key 4 to select from a list of user profile objects. If the data selection object already contains data selection information, the Data Selection Editor panel displays without having to log on to EnterpriseOne.

When you first display the Data Selection Editor panel, the fields contain the values from the EnterpriseOne version you specified on the Data Selection Object panel. The Operator, Left Operand, and Comparison fields are defined by the EnterpriseOne version and cannot be changed. You enter your values in the Right Operand field. The Robot Schedule EnterpriseOne Interface maintains a data selection object that contains your changes and is used when you run the RBJRUNUBE command. The data selection object is compared with the EnterpriseOne version each time it runs; if there are any differences in the Operator, Left Operand, or Comparison fields, the process is handled based on your selection on the Data Selection Object panel.

```
RBJ227              Robot/SCHEDULE for EnterpriseOne       09:46:08
                        Data Selection Editor              CYBRKING

Object Name: R11C760_03        Description: Cash Basis Report

Operator   Left Operand              Comp Right Operand
 WHERE     Ledger Type (F0911 )       EQ  @@LEDGER
 AND       Document Type (F0911 )     EQ  @@DOCTYP






                                                        Bottom

F3=Exit      F4=Prompt      F7=ROBOT Variables    F8=Reset
F9=Extended Operand View    F12=Previous          F21=System Command
```

The Operator, Left Operand, and Comp fields are defined by the EnterpriseOne version. You cannot change these values.

Use the Right Operand field to specify the values you want to define in the data selection object.

- If the Right Operand contains the value <Processing Option>, the field is protected and cannot be changed.
- If the Right Operand contains the values <Blank> or <Zero>, the field contains either a blank or a zero (0). You can replace either of these values with a reserved command variable.

Operand List Editor Panel

If the Right Operand field contains the special value <List>, press **function key 4** to display the Operand List Editor panel. The Operand List Editor panel displays the values when the Right Operand contains the special value <List>.

```
RBJ231                  Robot/SCHEDULE for EnterpriseOne        13:36:20
                           Operand List Editor                 BERT

  Object Name: R42800        Description: Sales Update

  Seq  Operand_____
    1  CI
    2  CO
    3  CR
    4  SO




                                                          Bottom

 F3=Exit                 F7=ROBOT Variables      F9=Extended Operand View
 F12=Previous            F21=System Command
```

You can use this panel to modify the values contained in the list. You can enter any reserved command variable. Press **function key 7** to select from a list of reserved command variables.

Note: You cannot add or delete any entries from the list; only changes to the current values are allowed.

Operand Range Editor Panel

If the Right Operand field contains the special value <Range>, press **function key 4** to display the Operand Range Editor panel. The Operand Range Editor panel displays the values when the Right Operand contains the special value <Range>.

```
RBJ230                  Robot/SCHEDULE for EnterpriseOne        13:42:17
                          Operand Range Editor                  BERT

 Data Selection Object Name: R14115_D01   PRD G/L Budget

 From Value:
 1000


 _____


 To Value:
 2000


 _____


 F3=Exit     F7=ROBOT Variables      F12=Previous      F21=System Command
```

You can use this panel to modify the range of values used for the operand. You can enter any reserved command variable in either the From Value or To Value, or both. Press **function key 7** to select from a list of reserved command variables.

Entering Reserved Command Variables

You can enter a Robot Schedule reserved command variable as the value for the Right Operand. Using reserved command variables makes the data selection object dynamic, allowing you to automate the data selection process. See the Robot Schedule User Guide for complete information on defining and using reserved command variables.

Displaying the Entire Operand Value

The Extended Operand View panel allows you to display the entire operand value. Some operands display only a specified number of characters on the Data Selection Editor panel; using the Extended Operand View panel allows you to see the entire operand value. You can change the Right Operand value from the Extended Operand view panel.

With your cursor on the operand you want to view, press **function key 9** to display the Extended Operand View panel. **Note:** Function key 9 is not valid if the Right Operand contains the special values <List>, <Range>, or <Processing Option>.

If your cursor is over a Left Operand, the Extended Operand View panel displays the entire operand. You cannot change the left operand.

If you display a Right Operand, you can change the value to a reserved command variable. Press **function key 7** to select a reserved command variable for the operand value.

Resetting Data Selection Criteria

You can reset the data selection criteria to match the current EnterpriseOne data selection data. Press **function key 8** to reset the values.

Note: Resetting the data selection object loses any reserved command variables you have entered.

The Confirm Reset window displays asking you to verify that you want to replace the current data selection criteria. Enter a **1** next to **Yes** to continue with the reset; enter a **1** next to **No** to cancel the reset.

If you decide to continue with the reset, the Logon to EnterpriseOne window displays so you can enter a valid user profile object name to access the EnterpriseOne data.

Deleting Data Selection Objects

To delete an existing data selection object, enter an **A** in the Opt column and select **Delete**.

```
RBJ226                  Robot/SCHEDULE for EnterpriseOne        13:43:15
                          Maintain Data Selection Objects         BERT

   Start at Release: _____     Object: _____

Options
  A=Add/Copy/Delete    1=Select      2=Edit Detail
Opt  Release        Object       Description
A    *DFT          D14115_D02    PRD G/L Budget
__   *DFT          R11C760_03    Cash Basis Report
__   *DFT          R14115_D01    PRD G/L
__   *DFT          R41411_03     Select    RBJ700        13:43:24
__   *DFT          R42800        Sales U                  BERT
__   R8.11         R14115_D01    PRD G/L   1=Select
__   R8.11         SALES_INV1    Sales I   _ Copy Record
__   R8.12         R42800        Sales U   1 Delete Record
__   R9.0          R42800        Sales U   _ Add Record

                                           F3=Exit



                                                            Bottom
F3=Exit      F6=Add Record    F21=System Command
```

You cannot make any changes to the information displayed on the panel. A message displays asking you to confirm that you want to delete the selected data selection object. Press Enter to delete the user profile object.

```
RBJ228                  Robot/SCHEDULE for EnterpriseOne        13:43:52
                          Data Selection Object                   BERT
                                         Validation: *OFF

     Release Name. . . . . . . : *DFT
     Data Selection Object Name: D14115_D02
     Description. . . . . . . .: PRD G/L Budget
     Environment. . . . . . . .: DV7333DNT
     Report . . . . . . . . . .: R14115
     Version. . . . . . . . . .: RIS0001


During execution, if the Data Selection Object detail is different than the
version's current data selection criteria:      1=Select  (Select one)
  Fail . . . . . . . . . . . . . . . . . . . . . . . . . : 1
  Use the Data Selection Object as the selection criteria:
  Use the current data selection criteria. . . . . . . .:


         Press ENTER to remove this Data Selection Object

F3=Exit
```

Product Setup Overview

Use the Product Setup Menu to define default information for running the Robot Schedule EnterpriseOne Interface. The Product Setup Menu allows you to define the libraries used by the interface, identify a library for an EnterpriseOne environment, define security for interface objects, and specify whether you want to use Robot Schedule EnterpriseOne Interface security.

```
RBJ102              Robot/SCHEDULE for EnterpriseOne        11:41:18
                         Product Setup Menu                 CYBRKING

              Select one of the following:

                 1.   Set Up Libraries

                 2.   Set Up Environment Libraries

                 3.   Maintain Secured Objects

                 4.   General System Defaults




                 Select Option: __


F3=Exit      F21=System Command
                             (C) COPYRIGHT HELP/SYSTEMS INC. 2004.
```

Related Topics

[Setting Up Libraries](#)

[Setting Up Environments](#)

[Maintaining Secured Objects](#)

[Setting General System Defaults](#)

Setting Up Libraries

Use the Maintain Libraries panel to specify the EnterpriseOne libraries required by the Robot Schedule EnterpriseOne Interface. If your EnterpriseOne data files are located on a different IBM i system, you can specify a library located on the target system. Each library entered on this panel must be a valid library on the appropriate system. If you enter a library that does not contain the required EnterpriseOne objects, an error message displays. Select option **1** on the Product Setup Menu to display the Maintain Libraries panel.

```
RBJ202              Robot/SCHEDULE for EnterpriseOne        14:22:18
                        Maintain Libraries                    BERT


    Enter EnterpriseOne Default Library Information:

            Runtime Library. . . . . . .:   RBTEPRTEST
            System Library . . . . . . .:   *RDB                Name, *RDB
              Database Server .  . . . .:     CYBRKING
              Library Name . . . . . . .:     RBTEPRTEST
              User Profile Object. . . .:     SCHEDUSR    (F4)
            Server Map Library . . . . .:   RBTEPRTEST          Name, *RDB







    F3=Exit     F12=Previous     F10=Multiple Releases     F21=System Command
```

Command	Description
Runtime Library	Enter the name of the EnterpriseOne runtime library. The runtime library must be on the local system—the system on which you are running the EnterpriseOne job.
System Library	Enter the system library name. The system library can be on either the local system or a target system. If the system library is on the target system, enter *RDB (Relational Database). This displays the Database Server, Library Name, and User Profile Object fields, which let you specify additional information required to access the data files on the target system.
Database Server	Enter the name of the database server; this is the target IBM i system on which the data files are located. The database server name must be in the Relational Database directory; use the Work with Relational Database Directory Entries (WRKRDBDIRE) command to check if your server is included in the directory.
Library Name	Enter the name of the library on the database server.
User Profile Object	Enter the user profile object to be used to sign on to the target system. Press function key 4 to select from a list of defined user profile objects. Only user profile objects with an IBM i password display on the User Profile Object Finder window.
Server Map Library	Enter the Server Map Library name. The server map library can be on the local system or on a target system. If the library is on a different IBM i system, enter *RDB. This displays the Database Server, Library Name, and User Profile Object fields. Complete these fields (as described under System Library) to access files on the target system. The Server Map Library specified here is the default library for each environment.

Overview of Maintaining Releases

The Maintain Releases panel lets you connect to multiple EnterpriseOne releases to Robot Schedule. Use this panel to add, copy, edit, or delete release libraries.

```
RBJ204              Robot/SCHEDULE for EnterpriseOne          13:37:28
                         Maintain Releases                     BERT

  Start at Release:    _____

Options
 A=Add/Copy/Delete    1=Select
Opt  Release      Description              Runtime    System      Server Map
     *DFT         Default Libraries        RBTEPRTEST *RDB        RBTEPRTEST
 __  R8.09        Release 8.09             RBTEPRTEST RBTEPRTEST  RBTEPRTEST
 __  R8.11        release 8.11             E811SYS    SYS811      SVM811
 __  R8.12        Release 8.12             E812SYS    SYS812      SVM812
 __  R9.0         Release 9.0              E900SYS    SYS900      SVM900




                                                            Bottom
 F3=Exit      F6=Add Record      F21=System Command
```

Related Topics

[Creating and Editing Release Libraries](#)

[Deleting Release Libraries](#)

Creating and Editing Release Libraries

Use the Maintain Releases panel to create new or edit existing releases.

```
RBJ204                 Robot/SCHEDULE for EnterpriseOne        13:37:28
                          Maintain Releases                    BERT

  Start at Release:    _____

Options
  A=Add/Copy/Delete    1=Select
Opt  Release     Description            Runtime     System      Server Map
     *DFT        Default Libraries      RBTEPRTEST  *RDB        RBTEPRTEST
__   R8.09       Release 8.09           RBTEPRTEST  RBTEPRTEST  RBTEPRTEST
__   R8.11       release 8.11           E811SYS     SYS811      SVM811
__   R8.12       Release 8.12           E812SYS     SYS812      SVM812
__   R9.0        Release 9.0            E900SYS     SYS900      SVM900




                                                              Bottom
F3=Exit      F6=Add Record      F21=System Command
```

- To modify an existing release, enter a **1** next to the object name.
- To add a new release, press **function key 6** or enter an **A** in the Opt column and select **Add**.
- To add a new release based on an existing one, enter an **A** in the Opt column and select **Copy**.

The Maintain Release Libraries panel displays:

```
RBJ205                 Robot/SCHEDULE for EnterpriseOne        13:39:54
                        Maintain Release Libraries             BERT


  Release Name . . . . . . .: R9.0
  Description. . . . . . . .: Release 9.0

       Runtime Library. . . . . .: E900SYS
       System Library . . . . . .: SYS900          Name, *RDB
       Server Map Library . . . .: SVM900          Name, *RDB








F3=Exit      F12=Previous      F21=System Command
```

Use the Maintain Release Libraries panel to define a new release or modify an existing one.

Command	Description
Release Name	Enter a name for this release library.
Description	Enter a description for this release library.
Runtime Library	Enter the name of the EnterpriseOne runtime library. The runtime library must be on the local system—the system on which you are running the EnterpriseOne job.
System Library	Enter the system library name. The system library can be on either the local system or a target system. If the system library is on the target system, enter *RDB (Relational Database). This displays the Database Server, Library Name, and User Profile Object fields, which let you specify additional information required to access the data files on the target system.
Server Map Library	Enter the Server Map Library name. The server map library can be on the local system or on a target system. If the library is on a different IBM i system, enter *RDB. This displays the Database Server, Library Name, and User Profile Object fields. Complete these fields (as described under System Library) to access files on the target system. The Server Map Library specified here is the default library for each environment.

Deleting Release Libraries

To delete an existing release, enter an **A** in the Opt column and select **Delete**.
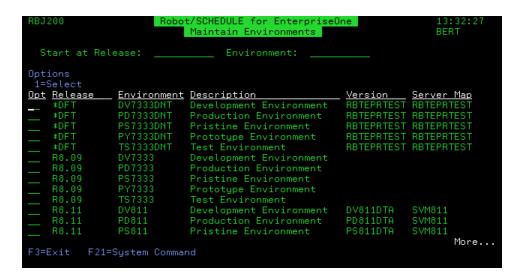
You cannot make any changes to the information displayed on the panel. A confirmation panel displays instructing you to press Enter to delete the release.

```
RBJ205              Robot/SCHEDULE for EnterpriseOne        13:25:28
                      Maintain Release Libraries            BERT


      Release Name . . . . . . .: R8.09
      Description. . . . . . . .: Release 8.09

          Runtime Library. . . . . .:  RBTEPRTEST
          System Library . . . . . .:  RBTEPRTEST        Name, *RDB
          Server Map Library . . . .:  RBTEPRTEST        Name, *RDB






          Press ENTER to remove this Release

F3=Exit
```

Setting Up Environments

The Maintain Environments panel lists all EnterpriseOne environments. The list of environments comes directly from EnterpriseOne and cannot be modified.

You can select an environment and specify the EnterpriseOne library that contains the report versions you want to run. The version library can be on the local system or on another IBM i system. Select option **2** from the Product Setup Menu to display the Maintain Environments panel.

```
RBJ200              Robot/SCHEDULE for EnterpriseOne        13:32:27
                      Maintain Environments                 BERT

   Start at Release: _____     Environment: _____

Options
 1=Select
Opt Release     Environment Description           Version     Server Map
 __  *DFT       DV7333DNT   Development Environment  RBTEPRTEST RBTEPRTEST
 __  *DFT       PD7333DNT   Production Environment   RBTEPRTEST RBTEPRTEST
 __  *DFT       PS7333DNT   Pristine Environment     RBTEPRTEST RBTEPRTEST
 __  *DFT       PY7333DNT   Prototype Environment    RBTEPRTEST RBTEPRTEST
 __  *DFT       TS7333DNT   Test Environment         RBTEPRTEST RBTEPRTEST
 __  R8.09      DV7333      Development Environment
 __  R8.09      PD7333      Production Environment
 __  R8.09      PS7333      Pristine Environment
 __  R8.09      PY7333      Prototype Environment
 __  R8.09      TS7333      Test Environment
 __  R8.11      DV811       Development Environment  DV811DTA   SVM811
 __  R8.11      PD811       Production Environment   PD811DTA   SVM811
 __  R8.11      PS811       Pristine Environment     PS811DTA   SVM811
                                                          More...
F3=Exit    F21=System Command
```

Notes:

- The Maintain Environments panel provides names of defined EnterpriseOne environments and a brief description of the environment.
- If a version library has been specified for an environment, the library name displays. *RDB indicates that the version library is on a different IBM i system.
- The library specified on the Maintain Libraries panel is the default for all environments, unless you enter a different library name on the Maintain Environment panel.

Maintaining Environments

Enter a **1** in the Opt column to display the Maintain Environment panel. The Maintain Environment panel allows you to specify an EnterpriseOne versions library for the selected EnterpriseOne environment. The library can be on the local system or on a different IBM i system. Each libary entered on this panel must be a valid library and contain the required EnterpriseOne objects. If a library does not contain the required EnterpriseOne objects, an error message displays.

You also can override the default server map library for the environment.

```
RBJ201               Robot/SCHEDULE for EnterpriseOne            13:33:28
                          Maintain Environment                   BERT

    Release Name. . . .:   *DFT
    Environment Name. .:   DV7333DNT
    Description . . . .:   Development Environment

    Version Library . . . . .:   RBTEPRTEST          Name, *RDB, *NONE
    Server Map . . . . .  . .:   RBTEPRTEST          Name, *RDB, *NONE

 F3=Exit      F12=Previous       F21=System Command
```

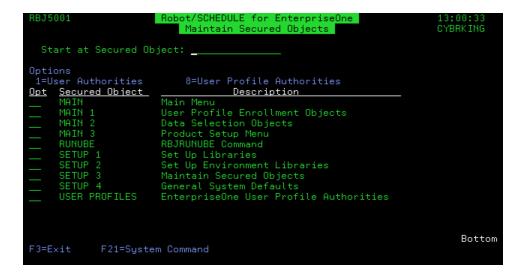| Command	Description
Version Library	Enter the name of the library containing the report versions you want to run. The library can be either on the local system or a target system. If the version library is on the target system, enter *RDB. This displays the Database Server, Library Name, and User Profile Object fields, which allow you to specify additional information required to access the data files on the target system.

Server Map	Enter the Server Map Library name. The server map library can be on the local system or on a target system. If the library is on a different IBM i system, enter *RDB. This displays the Database Server, Library Name, and User Profile Object fields. Complete these fields (as described under System Library) to access files on the target system. The Server Map Library specified here is the default library for each environment.
Database Server	Enter the name of the database server; this is the target IBM i system on which the report versions are located. The database server name must be in the Relational Database directory; use the Work with Relational Database Directory Entries (WRKRDBDIRE) command to check if your server is included in the directory.
Library Name	Enter the name of the library on the database server.
User Profile Object	Enter the user profile object to be used to sign on to the target system. Press **function key 4** to select from a list of defined user profile objects. Only user profile objects with an IBM i password display on the User Profile Object Finder window.

Maintaining Secured Objects

The Maintain Secured Objects panel displays a list of all secured objects in the Robot Schedule EnterpriseOne Interface. You can select an object from this panel and edit the authority profiles for that object. For example, if you want only certain user profiles to have access to the Maintain Secured Objects menu, select **SETUP 3** on this panel. Then, on the Edit Profiles for Object Authority panel, identify the individual user profiles and the authority levels for those profiles. Select option **3** on the Product Setup Menu to display the Maintain Secured Objects panel.

```
RBJ5001              Robot/SCHEDULE for EnterpriseOne         13:00:33
                       Maintain Secured Objects               CYBRKING

     Start at Secured Object: _____

Options
 1=User Authorities        8=User Profile Authorities
Opt  Secured Object             Description
__   MAIN             Main Menu
__   MAIN 1           User Profile Enrollment Objects
__   MAIN 2           Data Selection Objects
__   MAIN 3           Product Setup Menu
__   RUNUBE           RBJRUNUBE Command
__   SETUP 1          Set Up Libraries
__   SETUP 2          Set Up Environment Libraries
__   SETUP 3          Maintain Secured Objects
__   SETUP 4          General System Defaults
__   USER PROFILES    EnterpriseOne User Profile Authorities



                                                        Bottom
F3=Exit    F21=System Command
```

Notes:

- The names and a brief description of the objects you can secure. A secured object is a panel, command, or user profile that has a security level defined by the Robot Schedule EnterpriseOne Interface.
- Enter a **1** next to an object to secure the object.
- Enter an **8** next to the USER PROFILES object to secure individual user profile objects.

Viewing Secure User Profile Objects

The Secured User Profiles panel lists user profile objects that have been secured. You can select a user profile object and modify the authorities for the object, delete security for the user profile object, or add a new user profile object to the list of secured objects. To display the Secured User Profiles panel, enter option **8** next to the USER PROFILES secured object.

```
RBJ5003                  Robot/SCHEDULE for EnterpriseOne        08:53:32
                           Secured User Profiles                 BERT

Object: USER PROFILES   EnterpriseOne User Profile Authorities
   Start at User Profile: _____

Options
  1=Select    4=Delete
          EnterpriseOne
Opt   User Profile    Description
 __    ROBOTACCT       Accouting
 __    ROBOTE1         Robot User
 __    SANDERSON       Steve Anderson-Inventory
 __    SCHEDUSR        Schedule User
 __    TLARSON         Tim Larson - CNC




                                                               Bottom

F3=Exit     F6=Add Record    F21=System Command
```

You can add user profile objects to secure or delete security for existing secured user profile objects.

To add a user profile object, press **function key 6** and select the user profile object you want to secure. The User Profile Object Finder window displays a list of all user profile objects that have been defined to the Robot Schedule EnterpriseOne Interface. Enter a **1** next to the user profile object you want to add to the secured list.

```
RBJ5003              Robot/SCHEDULE for EnterpriseOne        08:53:32
                        Secured User Profiles                 BERT

Object: U    RBJ236    Robot/SCHEDULE for EnterpriseOne       BERT
   Start a              User Profile Object Finder

Options       Start at Object: _____
 1=Select
       Ente    1=Select
Opt  User    Opt  Object      Description
__   ROBO     _   ROBOTACCT   Accouting
__   ROBO     _   ROBOTE1     Robot User
__   SAND     _   SANDERSON   Steve Anderson-Inventory
__   SCHE     _   SCHEDUSR    Schedule User
__   TLAR     _   TLARSON     Tim Larson - CNC

                                                  Bottom
             F3=Exit

                                                        Bottom
F3=Exit     F6=Add Record    F21=System Command
```
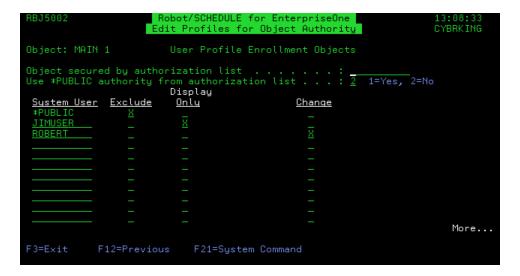
To delete a user profile object from the list of secured objects, enter option **4** next to the user profile object whose security you want to delete.

Editing Profiles for Object Authority

The Edit Profiles for Object Authority panel lets you view or enter authority information for an object selected from the Maintain Secured Objects panel. You also can enter the name of an IBM authorization list to use for object authority. The settings you enter on this panel determine which users or groups of users have the authority to work with Robot Schedule EnterpriseOne Interface objects.

To display the Edit Profiles for Object Authority panel, enter a **1** next to an object on the Maintain Secured Objects panel.

The Edit Profiles for Object Authority panel displays:

```
RBJ5002               Robot/SCHEDULE for EnterpriseOne        13:08:33
                      Edit Profiles for Object Authority      CYBRKING

Object: MAIN 1            User Profile Enrollment Objects

Object secured by authorization list . . . . . . . :  _____
Use *PUBLIC authority from authorization list . . . : 2  1=Yes, 2=No
                           Display
 System User  Exclude     Only                    Change
*PUBLIC          X          _                        _
JIMUSER          _          X                        _
ROBERT           _          _                        X
_____          _          _                        _
_____          _          _                        _
_____          _          _                        _
_____          _          _                        _
_____          _          _                        _
_____          _          _                        _
_____          _          _                        _
_____          _          _                        _
                                              More...

F3=Exit     F12=Previous    F21=System Command
```

You can enter the name of an IBM authorization list to define security for the object. If you enter user profiles on this panel and also enter an authorization list, any duplicate user profiles use the security options defined on this panel. See your IBM reference manuals for information about authorization lists.

If you enter an authorization list, enter a 1 to use the *PUBLIC authority specified by the authorization list. Enter a 2 to use *PUBLIC authority as defined on this panel.

Command	Description
System User	Enter a valid user or group profile name on a blank line. Then enter an **X** in the appropriate column to enable the authority level for the user profile. Any user profile not specifically listed has the authority of the *PUBLIC profile. If the user profile's user class is *SECOFR, the user has *SECOFR authorit regardless of what is entered on this panel. To delete a user profile, blank out the information.
Exclude	Enter an **X** in the Exclude column to exclude the user from all options. You cannot select any other options for a user profile that has Exclude authority.
Authority Levels	Enter an X in the appropriate column to select that authority level. **Note:** Not all authority levels are valid for all objects. Display Only -The user can display the specified object. No other option can be selected. Add -The user can add object records. Use - The user can use the object. Change -The user can view and change object records. Delete - The user can delete object records.

Setting General System Defaults

The General System Defaults panel allows you to specify if you will use Robot Schedule EnterpriseOne Interface security.

```
RBJ203              Robot/SCHEDULE for EnterpriseOne         08:05:55
                     General System Defaults                 CYBRKING

Enter General System Default Information:

  Use Robot/SCHEDULE for EnterpriseOne security. . :   N   (Y=Yes, N=No)












F3=Exit    F12=Previous    F21=System Command
```

The Use Robot Schedule for EnterpriseOne security field defaults to **N** (No) at installation. Enter a **Y** to use Robot Schedule EnterpriseOne Interface security.

Scheduling a Report in Robot Schedule

Use the RBJRUNUBE command (or the RBJRUNUBE2 command if you have multiple EnterpriseOne releases defined) to schedule an EnterpriseOne report in Robot Schedule. Once you have defined a user profile object and data selection object, you can specify those object names and the command will run using your data selection object. If you want to run the command using Robot Schedule but use the current EnterpriseOne data selection criteria, you can specify the environment, report, and version you want to use. You also have the option to generate a log regardless of EnterpriseOne logging specified in the EnterpriseOne INI file.

Note: You must submit the RBJRUNUBE command job to a multi-threaded job queue, which allows more than one job to execute at the same time.

To schedule a Robot Schedule job to run the RBJRUNUBE command:

1. From the Robot Schedule Main Menu, select option **1** to display the Job Schedule List.

2. On the Job Schedule List, press **function key 6** to add a new Robot Schedule job.

3. On the Initial Job Setup panel, enter a **C** to indicate this is a command-type job. Fill in the rest of the job details and the job schedule.

   To make it easier to locate EnterpriseOne jobs on the Job Completion History panel, include the product name in the Description field.

4. Press **function key 10** to display the ROBOT Command Entry panel.

5. On the ROBOT Command Entry panel, enter the command **RBTEPRLIB/RBJRUNUBE** and press **function key 4** to display the command prompt panel.

   Note: If you use the RBJRUNUBE2 command, an additional field (EnterpriseOne Release) appears that lets you select which release you want to work with.

```
                  Run an EnterpriseOne UBE (RBJRUNUBE)

 Type choices, press Enter.

 EnterpriseOne User Profile Obj     jrichards      Character value
 Data Selection Object . . . . .    *DFT           Character value, *DFT
 EnterpriseOne Environment . . .                   Character value
 EnterpriseOne Report Name . . .                   Character value
 EnterpriseOne Report Version . .                  Character value
 EnterpriseOne logging . . . . .    *INI           *INI, *LOG, *DEBUG
 Job Queue . . . . . . . . . . .                   Character value
 Print Immediate . . . . . . . .    *NO            *NO, *YES, *NONE
 Create CSV File . . . . . . . .    *NO            *NO, *YES
 Create OSA XML Output . . . . .    *NO            *NO, *YES
 OSA Interface Name . . . . . . .
 Printer Name . . . . . . . . . .                  Name
   Library . . . . . . . . . . .     *LIBL         Name, *LIBL
 Network Printer . . . . . . . .

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

6. Enter the information for the report you want to run. To learn more about options for this command, place your cursor in a field and press **function key 1**.

   Note: Because the EnterpriseOne process involves resource sharing, you should enter only one RBJRUNUBE command for each Robot Schedule job.

7. After you enter the RBJRUNUBE command, you may want to check the job control options for the job. Press **function key 23** to display the Options window and select option **5**, Control Options.

8. Use the Control Options panel to review and change control options for the job, as needed. You should consider the areas where you want to use the Robot Schedule defaults and those you want to change.

   To execute the Robot Schedule EnterpriseOne Interface job, the job queue specified on the Control Options panel must be multi-threaded, allowing more than one job to execute at the same time. The Robot Schedule job must be able to run simultaneously with the child job it submits.

The default values are from the Robot Schedule environment specified on this panel. In any field, *RBTDFT means that the value in that field is obtained from the specified Robot Schedule environment. See the Robot Schedule User Guide for complete information on defining environments and control options.

9. Press **function key 12** to return to the Job Schedule List. The job you defined displays in the list. You can add additional jobs, as needed.

Viewing EnterpriseOne Log Files

The Robot Schedule EnterpriseOne Interface imports any log file produced when you run the RBJRUNUBE command. The files are copied to IBM i spooled files and appear on the Work with Job Spooled Files panel. You can then display or print the files. Each time the RBJRUNUBE command runs, it can produce up to four spooled log files, depending on the type of logging specified on the command.

To display the list of log files for the job, enter **4** in the Opt column on the Job Completion History panel or press **function key 4** and select option **4** from the Options window.

Logging produces up to four spooled log files. You can display or print the log files from the Work with Job Spooled Files panel.