NetIQ Technical Support

Specific object and what operations have been performed on that object

by Sean Jackson

This document was last revised on June, 2004

Introduction

This document details how to create a custom report to enter the fullname of a user and generate a report to show what operations occurred on the target object.

Overview:

The initial steps required to create any custom report with the reporting tool are as follows:

A. **Add a property to be imported.** If necessary, edit the **UserFields**, **ContactsFields**, or **GroupFields** tables to include the property that you wish to report on.

B. **Create a custom query** to include the fields that you wish to display in your custom report.

C. **Create a custom report** using the custom query as the source of the data.

D. **Add the custom report to the reporting tool.** Edit the **Reports** table to include the newly created report.

E. **Check the availability of custom report.** Edit the VB code that verifies availability of the new report.

F. **Make the report available for viewing and printing.** Edit the VB code to add the custom report so it can be viewed and printed from the reporting interface and from the CLI.

The following report allows the user to enter the fullname of a user and generate a report for what changes have happened via DRA for this target account. You will have to enter the name of the fullname with wildcard to take into account all variations of how the fullname is reported in the database. Enter the fullname like "*Betty Jones*".

This report assumes there is one managed domains or the import was conducted for one managed domain

To generate the report, perform the following.

B. **Create a custom query** to include the fields that you wish to display in your custom report.

1. Launch the Directory and Resource Reporting interface.
2. Select **Enter Design Mode** from the **File** drop down menu.
3. Select **Queries** from the **Objects** list.
4. Select the Query **qryEAlogs** and right click and select Copy.
5. From the Edit menu select **Paste.**
6. Enter the name of the query as **qryEAlogs2**
7. Right click on the query **qryEAlog2** and select Design View.
8. Add a new column with the text "Expr1: [Fullname]
9. Under the OBJECT_NAME column enter "Like [Fullname]"
10. Select File | Save

C. Create a custom report.

Creating a custom report allows you to display the query in a easy-to-read format. To create the custom report AccountqryUserandMembership, please perform the following steps:

1. Select **Reports** from the **Objects** list..
2. Select the Report "Change Activity Detail by Types" and right click and select **Copy**
3. Select anywhere in the Report and Select **Paste**.
4. Give the Report a name like **Specific Operations on Target Object**
5. Right click on the report Specific Operations on Target Object and select **Design View.**
6. In the Report footer, right click and Select Properties.
7. In the dialog box select **qryEALogs2** as the **Record Source.**
8. Close the dialog box and select **File** | **Save.**

D. Add the custom report to the reporting interface.

The **Reports** table holds a list of all reports available in the reporting interface and is used to build the list of reports that are displayed. It also contains additional information regarding the types of reports and order in which the reports are listed.

1. Select **Tables** from the **Objects** list.
2. Select the **Reports** table and click **Open**.
3. Select **New Record** from the **Insert** drop down menu and enter the values below in the specified columns.

Report Name	**Specific Operations on Target Object**
REPORT_TYPE	**1**
Order	**10**
CRITERIA_SELECTION	**Criteria None**
DESCRIPTION	**Specific Operations on Target Object**

The Report order may be different depending if you created other customer reports. Y

4. Click the **Save** button on the button bar and then select **Close** from the **File** drop down menu.

E. Check the availability of custom report.

While examining a list of reports in the Reporting tool, notice that reports are shown either as available or unavailable, depending on the selected import options. To properly display the availability of a custom report, VB code must be added to the Reporting interface. The following steps describe this process.

1. Select **Modules** from the **Objects** list.
2. Select the **Report** module from the list and click **Design**.
3. Select **UpdateReportsAvailable** from the **(Declarations)** drop down list.
4. Scroll down to the **Users** section.

This code checks the availability of all reports in this category. Add the two lines of code below to the **UpdateReportsAvailable** script to verify the availability of the **Specific Operations on Target Object** report:

```
sReportName = " Specific Operations on Target Object "
If Not UpdateReportAvailableFlag(bAvail, sReportName) Then GoTo
UpdateReportsAvailable_Fail
```

F. Make the report available for viewing and printing.

To be able to print and make reports available via the CLI, a case must be added to the appropriate subroutine. For **User Accounts** reports, the subroutine is called **PrintUsers**, **Resources** reports, PrintGroups, **PrintResources** and so on. To add a case for the custom report **Account Creation Dates**, please perform the following steps:

1. Select **PrintUsers** from the **(Declarations)** drop down list.
2. Add a case for the custom report **Specific User and Group Membership** using the following code:

```
Case "Specific Operations on Target Object"
    If bgHTMLOutput Then
        Rc = PublishReport(gsReport)
    Else
        DoCmd.OpenReport gsReport, gnPrintMode
    End If
```

   The resulting script should appear as follows:

3. Select **Save OaRept** from the **File** drop down menu.
4. Select **Close and Return to Microsoft Access** from the **File** drop down menu.
5. Select **Exit** from the **File** drop down menu to close the DRA Reporting tool.

G. Test the custom report.

1. Launch the Directory and Resource Reporting interface.
2. Select **Import** from the **File** drop down menu.
3. Select **Usage and Operation History** information to be imported.
4. Expand the **Users** node and select the report **Specific Operations on Target**
5. Click the **View** button in the lower right to view the report.
6. Enter the Fullname of the object that you want to search on surrounded by * like

   Beth Jones