Documentation
for
check_extents Script
March 2, 2004

1.0 General Information

This script allows the user to check the number of extents of various tables in the rfc archive database. One ksh script is provided.   The script queries the IBM Informix IDS sysmaster database for the information and pops up an nedit window to allow the user to view the results. This script is new with Build OB4. The file for this script is:

> check_extents (ksh script)

The check_extents script is intended to be run manually whenever the user feels the need. This script can be run by any user.

2.0 Configuration Information

2.1   apps_defaults tokens

Three apps_defaults tokens are used by this script, these are:

adb_dir	name of the directory where RFC Archive apps and other files are stored on the archive system
adb_server	Informix server name on the archive system
adb_name	name of the RFC Archive database

2.2   "housecleaning" requirements

There should not be a need to set up any purging of files. This script creates a single file which is overwritten each time it runs. All temporary files that the script creates are deleted before the script ends.

3.0   User How-To

There are two ways the user can run this script; both ways are described below. It doesn't matter which way the user chooses; its basically user preference.

Method 1 is to use the arcmenu program; steps follow..

1) open a terminal window
2) enter the command xhost +
3) login to the ax
4) export the display (example: export DISPLAY=lx1-xxx:0.0)
5) at the prompt, type arcmenu   This will bring up the main menu as shown in Figure 1
6) select option "a", the admin menu. This will bring up the admin menu as shown in Figure 2.
7) Select option "1" from this menu. This will run the script and pop-up a nedit window for viewing the results.

Method 2 is to run the script from the command line; steps follow.

1) open a terminal window
2) enter the command xhost +
3) login to the ax
4) export the display (example: export DISPLAY=lx1-xxx:0.0)
5) login to the rax
6) at the prompt, type cd /rfc_arc/scripts/dbadmin
7) at the prompt, type check_extents   This will run the script and pop-up a nedit window for viewing the results.

Example output file

The file created by this script can be found in the /rfc_arc/logs/dbadmin directory and is called extents.list. A portion of this file is shown below.

```
 dbsname        table                  extents        total_size
===========================================================
adb_ob1krf    pedcsep                  115              19392
adb_ob1krf    crest                     36                512
adb_ob1krf    pedfsep                    9             432000
adb_ob1krf    counties                   9                 72
adb_ob1krf    pecrsep                    6             360000
adb_ob1krf    peoosep                    6             360000
adb_ob1krf    pedrsep                    6             360000
adb_ob1krf    unkstnvalue                6             144000
adb_ob1krf    pedrsep_mt                 6                 48
adb_ob1krf    peoosep_mt                 6                 48
adb_ob1krf    pedfsep_mt                 6                 48
adb_ob1krf    aliasid                    3                167
adb_ob1krf    rivercrit                  3                 96
adb_ob1krf    huc8                       2                 92
adb_ob1krf    huc6                       2                 20
adb_ob1krf    shefpetrans                2                 16
adb_ob1krf    huc4                       2                 16
```
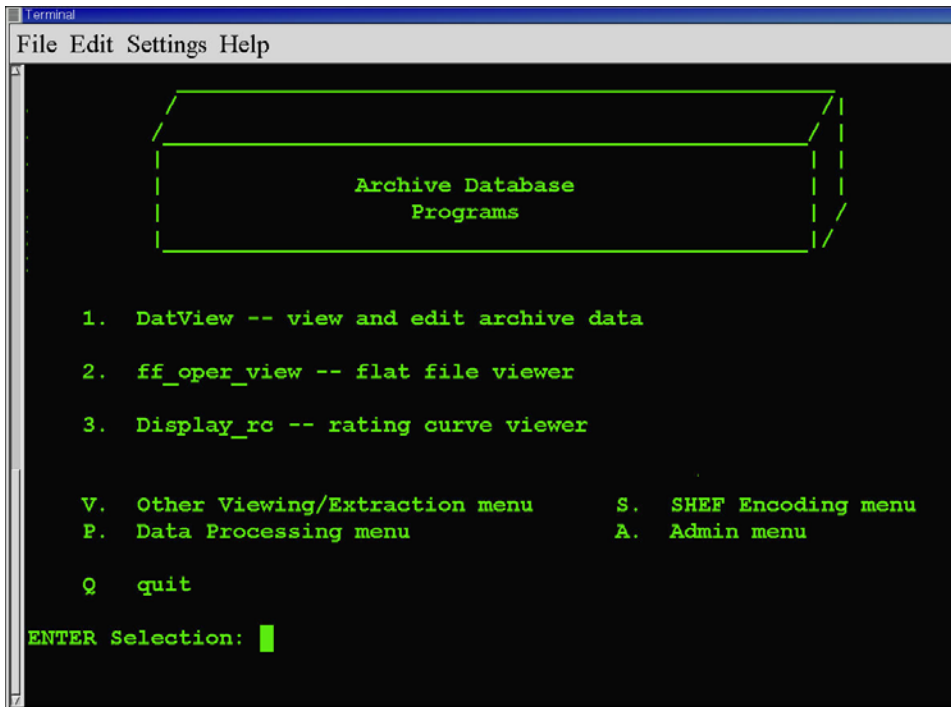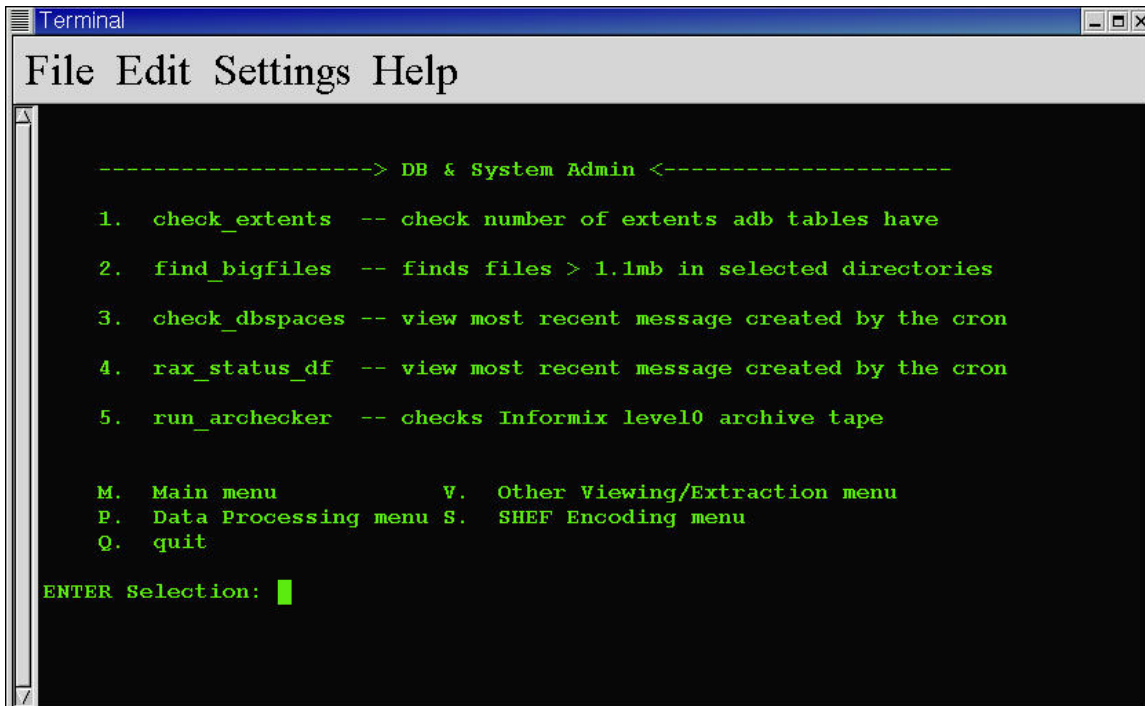
Figure 1. main menu

Figure 2. admin menu

4.0 Troubleshooting Information

There shouldn't be any problems with the script itself. The most common problem is the user forgets to export the display so that the nedit window can pop up. If for some reason the query fails, contact RFC Support or refer to the book listed in the reference section.

5.0   Maintenance Information

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6.0 References

Ron Flannery, "Informix Handbook", Prentice Hall PTR, 2000