

M-1. run_PGbkups

1.0 General Information

1.1 Description

The run_PGbkups application is a Korn script. The script uses the Postgres command `pg_dump` to create a backup of the RFC Archive DB. This script is **not** meant to run in the cron. A separate script called `cron_PGbkups` is provided to run on a cron, see section M-2. Output file(s) created by this script are written to the `/data/dbbackups` directory.

The run_PGbkups application is menu driven with 3 options for running the `pg_dump` command. These are:

Option 1: `pg_dump` command with no compression

Option 2: `pg_dump` command where the output is piped to the Linux `gzip` command to make the resulting file into a more manageable file size.

Option 3: `pg_dump` command where the output is piped to the Linux “split” command. This splits the single output file into several files.

Note: options 2 and 3 are for large databases. According to the Postgres consultant, a database of 18gb is not considered to be a large db.

1.2 Enhancements/Bug Fixes/Changes

Build OB7.2

This application is new to this build and replaces the Informix level-0 archive script.

2.0 User How-To

There are two ways the user can run this application, via the *arcmenu* → *Admin menu* or from the command line. It doesn't matter which way the user chooses; it is basically user preference.

Once the user starts the script, before displaying the user options, the script does a rough estimate of how much space will be needed for the output file, and checks to see if enough space exists in the `/data` partition. If it appears enough space is available, the menu will appear, see Figure 1.

The following options are available:

- 1 – pg_dump with no compression
- 2 – pg_dump with compression using gzip cmd
- 3 – pg_dump using split cmd

- 4 – EXIT

Enter option number:

Figure 1.

The user then selects an option. For a database of approximately 15gb, the pg_dump command will take about an hour and a half to run. All options take about the same amount of time.

3.0 Troubleshooting Information

If for some reason the application fails, contact the RFC Support Group.