Q6 Command Line Application
Instruction Manual

Q6 Command Line Application Instruction Manual

Volume 1

To accompany Q6 Version mod 6

UPDATED VERSION - JUNE 2014 -
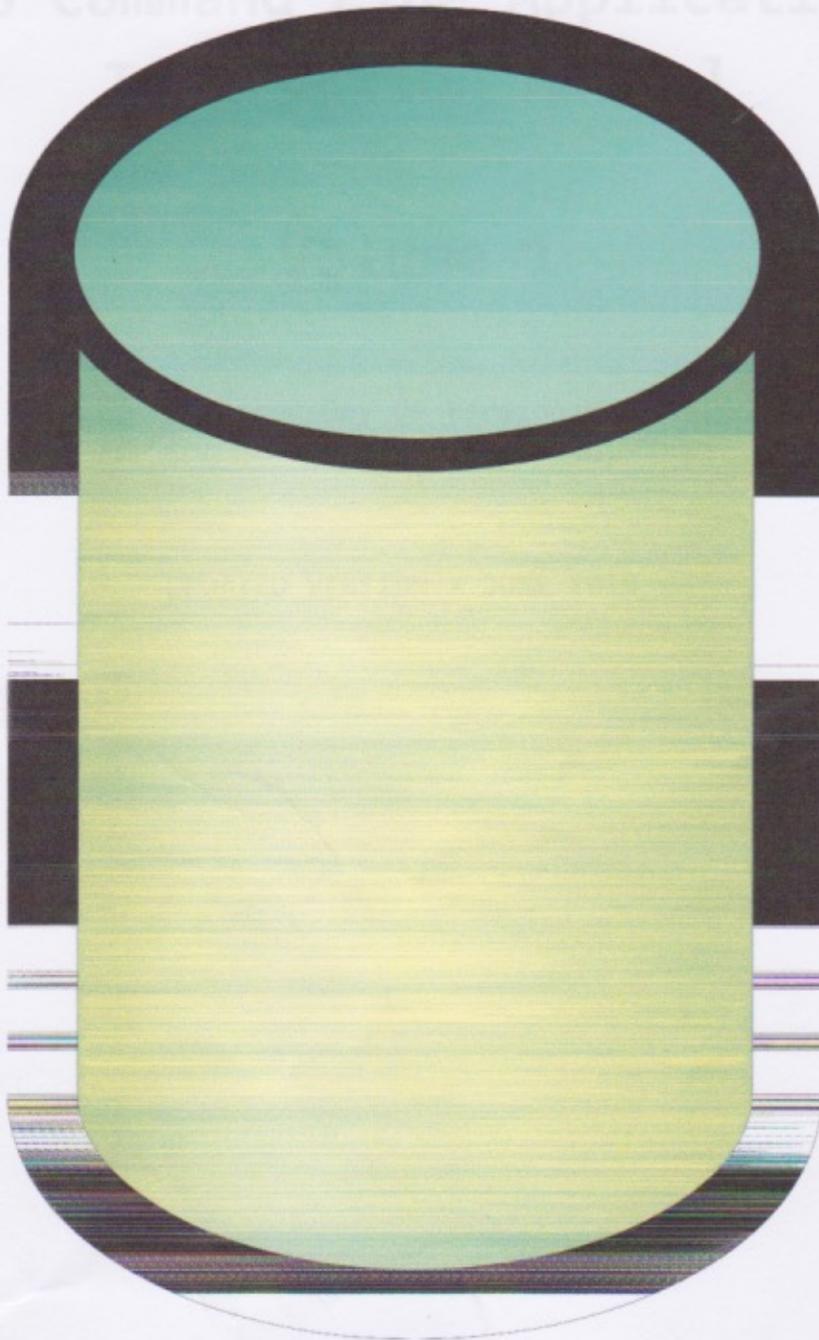
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Introduction to the Q6 Command Line Application

1.1 Configuring the command application for use

The Q6 command application can be configured by means of a configuration process initiated with the "q6 config start" command.

An example configuration session is provided for you below:

```
> q6 config start
> [Q6]
> q6 DB_CONFIG=/home/some_organization/Q6/.q6db_conf
> q6 SEARCH_CONFIG=/home/some_organization/Q6/.q6search_conf
> [END]
> config successful!
```

The command application will be configured once the process is complete and you may begin making requests.

1.2 Database and search configuration files

Two files are required in the configuration process, these are the database configuration and search configuration. These files will properly set up the database for use and configure the search request to prevent exhaustion of memory.

1.3 File and directory navigation

To get information about the command line environment, the following
commands will prove useful to you:

Basic
- ls → list files/directories in a directory
- cd → change directory
- rm → delete a file
- last → shows who logged in and when
- top → shows live system processes
- cat → print file contents to the screen
- grep → looks for patterns in files
- touch → create an empty file
- du → shows disk usage
- cp → copy a file
- kill → terminate a system process

Safe mode
- pwd → Print working directory (show the current working directory
  and your organization)
- help
- q6 (general terminal commands)
- q6dbcmd (database specific commands)

UPDATE - FOR NEW BROWSERS

*Please be advised that modern Ad blocking or popup blocker technology
can interfere with the Puzzle-Pass system.*

Database Interaction with Q6

2.1 Database User Authentication

In order to access a database in the Q6 system, you must first enter
the authentication command. The format for the command is as follows:

```
> q6dbcmd login -db ./db_name.Ab01 username:pass
```

You must specify the name of the database in the system with the
correct reference number. You must also provide the username and
password for the selected database.

2.2 Querying databases

To query the database after logging in, the user will be able to
submit requests using the query command. The format for the command is
as follows:

```
> q6dbcmd -q -entry 1234567890
```

The command accepts a flag for the query (-q) and for the entry
(-entry) as well as the number of the entry to query (1234567890). If
you do not have the entry number, the command will return an error.

2.3 Puzzle-Pass^{tm} system implementation

A unique feature of Q6 is the way that sensitive database layers are
protected. Gaining access to specified areas in a database can be
further restricted by implementing the Q6 Puzzle-Pass^{tm} system. This
will require users to solve a puzzle before gaining the ability to go
further into database entries.

Notes on Q6 Terminal Architecture
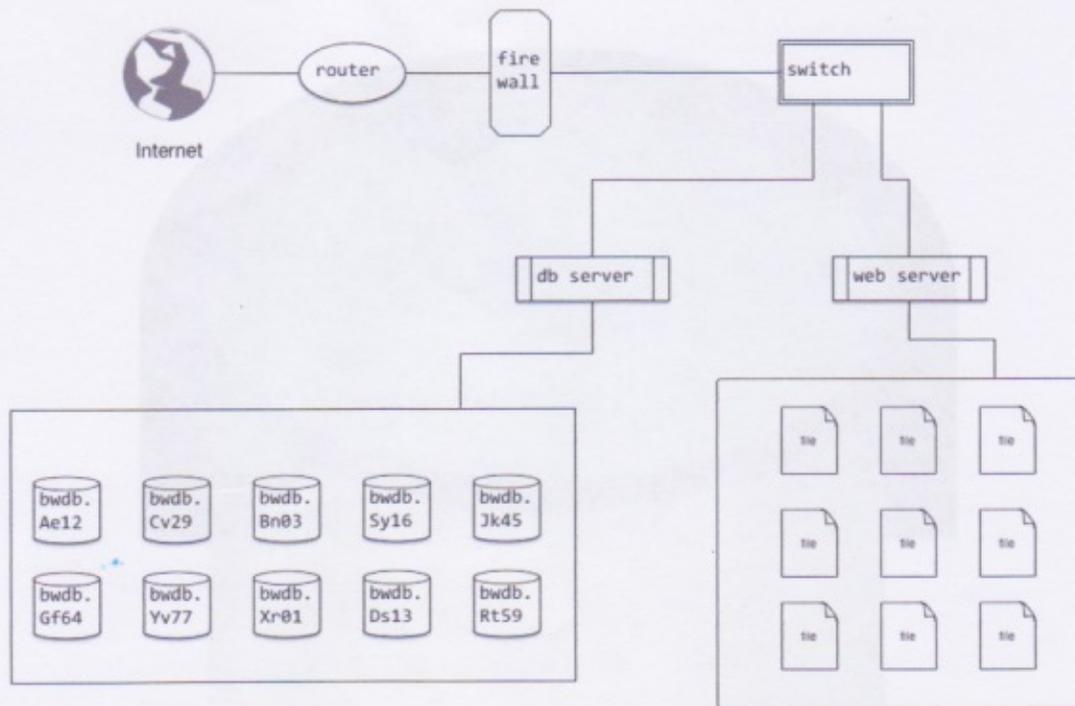
A note on the configuration files needed:

- If prompted for config setup, you should find them in your working directory upon entry in the Q6 folder. The DB config is named ".q6db_conf" and the search config is named ".q6search_conf".

A note on the databases listed:

- The bottom row are the databases used for collection activities, they do not require additional modifications. If you are planning on changing any of the configuration settings, please check with a sysadmin first!

- The top row are the databases responsible for holding agency records related to system architecture. In the event that a large scale reset is required, refer to the SysReset DB in charge of system 16.
  - You should begin your reset action by first querying entry 7281944002.
  - Remember! Any agency access to reset functions will require the user to go through the Puzzle-Pass™ system, you must login as the user "shiva" and the password is the name of the lotus born from Lord Vishnu's navel (all lowercase).

UPDATE - NEW SERVER

Please be advised that due to Program 38A-62, the Q6 terminal has been moved to a new server [http://www.division-66.com/q6/]