



Скрипт для резервирования базы данных на Python

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import subprocess
from datetime import datetime

# 2008-03-30
# A little script to backup firebird databases
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# path to gbak (firebird backup utility)
FB_GBAK      = 'gbak'

# parameters for gbak (list)
FB_PARAMS    = [FB_GBAK, '-t', '-user', 'SYSDBA', '-pas', 'masterkey']

# full path to database's directory
FB_DB_DIR    = '/var/lib/firebird/2.0/data/'

# a tuple of databases to backup
FB_DATABASES = (
    'DATABASE1.GDB',
    'DATABASE2.GDB'
)

# full path to backup directory
FB_BACKUP_DIR = '/home/alisson/backup/firebird/';

# path to data compressor (bzip2, zip, rar, gzip)
COMPRESSOR = 'bzip2'

# just a shortcut
timestamp = lambda: datetime.now().strftime('%Y-%m-%d %H:%M:%S')

for db in FB_DATABASES:

    # suffix to backup filename
    suffix = '.' + datetime.now().strftime('%Y%m%d_%H%M%S') + '.fbk'

    print "[%s] Starting backup of file %s" % (timestamp(), db)

    backup = []
    backup.extend(FB_PARAMS)
    backup.append(FB_DB_DIR + db)
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backup.append(FB_BACKUP_DIR + db + suffix)
p = subprocess.Popen(backup, stderr=subprocess.PIPE)
p.wait()
error = p.communicate()[1]

if not error:
    print "[%s] Backup is done." % timestamp()
else:
    print "[%s] Error:\n%s" % (timestamp(), error)

print "[%s] Starting compression of backup file %s" % (timestamp(), db +
suffix)

compress = []
compress.append(COMPRESSOR)
compress.append(FB_BACKUP_DIR + db + suffix)
p = subprocess.Popen(compress, stderr=subprocess.PIPE)
# preventing too much use of CPU, compressing 1 file per time
p.wait()
error = p.communicate()[1]

if not error:
    print "[%s] Compression is done.\n" % timestamp()
else:
    print "[%s] Error:\n%s" % (timestamp(), error)
```

Источник

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From:

<http://firebirdsql.su/> - Словарик по FireBird

Permanent link:

http://firebirdsql.su/doku.php?id=skript_dlja_rezervirovanija_bazy_dannyx_na_python

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