

## BIEN 3 - Task #442

### test restoring of import backups

07/16/2012 02:52 PM - Aaron Marcuse-Kubitza

<b>Status:</b>	Resolved	<b>Start date:</b>	07/16/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Aaron Marcuse-Kubitza	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Activity type:</b>			
<b>Description</b>			

#### History

##### #1 - 07/16/2012 02:53 PM - Aaron Marcuse-Kubitza

Google techniques for this

##### #2 - 07/16/2012 04:20 PM - Aaron Marcuse-Kubitza

Options:

- [testing if the export can be restored](#)
- comparing plain text exports of the DB and the restore file
- [WAL Archiving](#)
  - requires separate machine for live backup

##### #3 - 07/17/2012 03:51 PM - Aaron Marcuse-Kubitza

- Status changed from New to Resolved

- % Done changed from 0 to 100

I tested restoring by extracting the compressed, custom-format backup to a plain text SQL script<sup>1</sup>. This is much faster than restoring to DB, while still testing whether the archive is valid. For the most recent backup, I also tested restoring it on my local machine, which takes ~50 min<sup>2</sup>. (Backing up takes ~25 min<sup>3</sup>.)

<sup>1</sup> make backups/public.<date>.backup/test &

Note that the compressed format is 9x smaller than plain text: 7.5 GB for all backups vs. 67.5 GB (75 GB - 7.5 GB after all were extracted)

<sup>2</sup> make backups/public.2012-07-12-13-34-33.backup/restore & :

```
3048.69 real    25.65 user    7.26 sys
```

<sup>3</sup> make schemas/public.2012-07-12-13-34-33.backup & :

```
1508.94user 26.71system 25:57.51elapsed 98%CPU (0avgtext+0avgdata 38256maxresident)k
3448inputs+2220544outputs (57major+6427minor)pagefaults 0swaps
```