

Trac Backup

Error: Macro TracGuideToc(None) failed

```
'NoneType' object has no attribute 'find'
```

Trac backups are simply a copied snapshot of the entire project environment directory, including the database. Backups can be created using the `hotcopy` command in trac-admin.

Note: Trac uses the `hotcopy` nomenclature to match that of ?Subversion, to make it easier to remember when managing both Trac and Subversion servers.

Creating a Backup

To create a backup of a live TracEnvironment simply run:

```
$ trac-admin /path/to/projenv hotcopy /path/to/backupdir
```

trac-admin will lock the database while copying.

The resulting backup directory is safe to handle using standard file-based backup tools like `tar` or `dump/restore`.

Please note, the `hotcopy` command will not overwrite a target directory and when such exists, the operation ends with an error: `Command failed: [Errno 17] File exists: This is discussed in ?#3198.`

Restoring a Backup

To restore an environment from a backup, stop the process running Trac, ie the Web server or tracd, restore the contents of your backup (`path/to/backupdir`) to your project environment directory and restart the service.

To restore a PostgreSQL database backup, use the command:

```
psql -U <user> -d <database> -f postgresql.dump
```

The `<database>` option is the same as the database connection string in the `[trac]` database option of *trac.ini*.

See also: TracAdmin, TracEnvironment, TracGuide, ?TracMigrate