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PGSQL-RUNNER

1. WHAT IS THIS

A bash script tool to run your postgres sql script files and log it's actions nicely ... As well as :
A generic swiss knife wanna be bash / perl centric application pgsql-runner for quicky packaging and deploying your tools, create new tools out of your existing ones , generating code for additonal functions, search and replace in both file paths and contents ... and all the rest not mentioned actions in the sfw/bash/pgsql-runner/tests/all-pgsql-runner-tests.lst file ...

2. INSTALLATION AND CONFIGURATION

The pgsql-runner instances and clones have been running on *Nix boxes with bash > 3.0 … , but some actions require 4.0 and older …
Cygwin has been tested also …

2.1. Prerequisites

The must have binaries are:
bash, perl, zip
The nice to have are:
tmux, vim ,ctags
The examples are for Ubuntu - use you OS package manager …

```
apt-get autoclean
apt-get install --only-upgrade bash


sudo apt-get install -y perl


# optionally
sudo apt-get install -y excuberant-ctags
sudo apt-get install -y 7z


apt-get upgrade
```

2.2. Fetch the source

Fetch the source from git hub as follows:

```
# create your product dir:
mkdir -p /opt/csitea/pgsql-runner
cd /opt/csitea/pgsql-runner/

# fetch the source
git clone git@github.com:YordanGeorgiev/pgsql-runner.git
```

2.3. Build the first pgsql-runner instance

When doing for first time do exactly as shown bellow, otherwise no joy ...
Each pgsql-runner instance has it's own version, environmnt type and owner. For now just follow the instruction - after half an hour you will be hacking this …

```
# build your product version dir - a kind of "this instance of the thingy dir"
mv -v /opt/csitea/pgsql-runner/pgsql-runner /opt/csitea/pgsql-runner/pgsql-runner.1.1.5.dev.$USER
```

2.4. Create you local conf file

The default conf file provides only limited functionality (this is by design) , thus copy and configure the configuration file for your host

```
# go to the product version dir
cd /opt/csitea/pgsql-runner/pgsql-runner /opt/csitea/pgsql-runner/pgsql-runner.1.1.5.dev.$USER


mv -v sfw/bash/pgsql-runner/pgsql-runner.set-your-host.conf sfw/bash/pgsql-runner/pgsql-runner.`hostname -s`.conf
```

2.5. Start hacking

Start hacking … or wait check at least the test call running all the functions of the tool …

```
# opionally if you are in the vim camp open the "project relative files list file"
vim meta/.dev.pgsql-runner

# Ctrl + Z ,
bash sfw/bash/pgsql-runner/test-pgsql-runner.sh

# now clone your own instance
bash sfw/bash/pgsql-runner/pgsql-runner.sh -a to-app=my-tool
```