

cmd_standby: Data Directory vs. Configuration Directory?

05/14/2015 03:57 PM - Michael Vitale

Status:	New	Start date:	05/14/2015
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Assignee:	Michael Vitale	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Resolution:			
Description			
<p>Normally on most distros except Ubuntu, you can run pg_ctl command to start, stop, init the cluster, etc. On Ubuntu, (it is much more elaborate, to my liking I must say), where pg_ctl is enclosed within the wrapper, pg_ctlcluster. Not only that, but there is a separation between the data directory and the configuration directory:</p> <p>configuration directory: /etc/postgresql/<version>/main data directory : /var/lib/postgresql/<version>/main</p> <p>Now to the point and how it relates to PITR TOOLS. By default, PITR TOOLS uses pg_ctl. It offers the option to either copy your configuration files specified in cmd_standby.conf to the data directory, or just start pg_ctl with the confs specified on the command line:</p> <p>no_copy_conf: true --> command line specification of confs no_copy_conf: false--> confs are copied to data directory</p> <p>It would be nice if we had another parameter defined right under pgdata in cmd_standby.ini:</p> <p>pgdata: /var/lib/postgresql/9.3/main</p> <p>-- new proposed attribute pgconf: /etc/postgresql/9.3/main</p> <p>one implementation solution of many:</p> <p>The cmd_standby executable could be modified slightly so that whenever pg_ctl is invoked and if no_copy_conf is false, and pgconf is not empty, then copy the specified conf files to the pgconf directory instead of the default action: copying them to the data directory. Furthermore, when pg_ctl is invoked in these cases pass to it as the -D parameter, the conf directory, not the data directory.</p>			