

Testing TODO list

Area	Suggestion	Comments	Status
Test cases	Merge existing tests where possible		
Test cases	Set up weekly clean builds		DONE
Test cases	Come up with a plan for how to track what the tests do (spreadsheet/wiki)	Bash script developed. Needs some updating though e.g. add a tag for DB/platforms which are disabled.	
Test case	Need a script/tool that can do some consistency checking of the signed zones		
Environment	Adjust logging settings on FreeBSD so that kernel logs don't show up in syslog resulting in double logging (which messes up the counting of logs as part of a test.....)		
Framework	We have failures due to the 'ghost' bug in libc on FreeBSD that is not understood. Maybe increase the reporting of re-tries by adding to junit or having a summary line at the end of the console output?		
Framework	Implement a 'make check' options. Can we make set up and running of the tests a one step process and then possibly have a "make check" that runs the jenkins tests.		
Framework	Test with RETRY=0. Would like to use this in the sandbox but seemed to leave some files around that made the next test fail.		
Test case	Would be nice to have a 'silent' option for tests so they can be run without triggering an email when under development (we have sandboxes, but they are awkward to use...)		
Framework	Use one copy of the unsigned zone default (don't have a duplicate zone in each test)		
Framework	Move the xml files into their own directory		
Framework	Create functions to handle generic tasks like setting up the environment and starting and stopping the system to increase usability and reduce code duplication		
Framework	Could we script switching between databases rather than having 2 conf.xml files?		
Framework	Perhaps a bit more logging when things go wrong? ("String not found" log message and cat the offending log file)		
Framework	Add a find_diff option to the lib to use gdiff on solaris		
Jenkins	Is there any way at all to set the tests up so that jenkins displays a matrix of each test case against platform??		