**Proposed Schema** 

With this schema you can make two types of call. Either a direct call for a panel

e.g. http://yourserver.com/wbl

Or you can make a call to a subroutine that will just return data

e.g http://yourserver.com/wbl?get\_rblList

With the latter you will need no knowlege of perl. Or any knowledge really of SME

Just the available system calls

## httpd server

Call hits webserver Code follows down from here

## boostrap/jquery formatter

Code follows down from here It is returned above as either a formatted panel/.page or as a JSON string of data

## JSON encoded string

/etc/e-smith/web/functions

domains hostentries

ibays

quotas useraccounts

printers

pseudonyms

remoteaccess

wbl

Passed to a perl-Mojo template here
This acts as a shim between functions below
It can return data formatted in simple html to
the bootstrap/jquery formatter.
Or it could return it as a JSON encoded string
These files can be split between a simple perl file
getting/saving the data and a separate
Mojo template .tpl file to display it
We could use say a 'panels' DB to control what
can be shown or not to give finer grained control
Potentially you could even drop a PHP file (Arrrgghh)
here to call the perl subroutines below
if they have been documented

/usr/share/perl5/vendor\_perl/esmith/manager-routines (Directory probably called 'server-manager') domains.pm hostentries.pm ibays.pm quotas.pm useraccounts.pm printers.pm pseudonyms.pm remoteaccess.pm

wbl.pm

Passed to perl routines here
Only perl code allowed here
Sets of subroutines for variety of functions
at a higher level than the main DB commands in
routines below - for examples
cd /usr/share/perl5/vendor\_perl/esmith/FormMagick/Panel
grep sub \*
Some examples
useraccounts.pm:sub modify\_admin
useraccounts.pm:sub modify\_user {
useraccounts.pm:sub create\_user {
useraccounts.pm:sub set\_groups
useraccounts.pm:sub remove\_account {
useraccounts.pm:sub reset\_password {
useraccounts.pm:sub lock\_account {

/usr/share/perl5/vendor\_perl/esmith

Backups.pm ConfigDB.pm DomainsDB.pm DB.pm HostsDB.pm Navigation.pm Networks.pm

AccountsDB.pm

Passed to perl routines here
Perl only
Overarching SME commands inc CLI commands
Main interfaces to the configuration DBs
General utility commands

useraccounts.pm:sub check\_password {