

Scripting policy

Custom Policy implementation is done using a script file plug-in written in Perl.

The following qb.conf parameters must be set appropriately:

```
supervisor_policy_binding = Perl
```

```
supervisor_policy_library = path_to_script
```

To create a new custom supervisor policy, the developer must create a Perl module with the following Perl subroutines:

1. qb_init()
2. qb_approve_modify(\$oldjob, \$newjob, \$user)
3. qb_approve_submit(\$job)
4. qb_calcstatus(\$subjobstatus, \$agendastatus)
5. qb_sudo_admin(\$username, \$job)

A function, if not defined will, automatically be overridden with the "Default Policy".

Here are details on each subroutine.

- qb_approve_modify(\$oldjob, \$newjob, \$user)
- qb_approve_submit(\$job)
- qb_calc_status(\$subjob, \$agenda)
- qb_init()
- qb_sudo_admin(\$user, \$job)