sorry to poke again..
this one is still pending.

i'm actually using this code for quite a long time now, and it makes no problems. besides the
return value changes its the old code reordered. in the new layout of files the finding and
extending of own stuff is a lot esier..

the 'class R' return value issue isn't explained so i have to consider it kinda legacy from testing
times...which should be fixed for cleaning and has been adressed in this cleanup as well.

so what's the deal no taking it upstream?
(i want to become upstream again, have several changes laying at my side)..

the changes are really few (see what has been added in red for Callback, it's small (the remainder
is only the same thing for Gate).

cheers