

# Reactionner

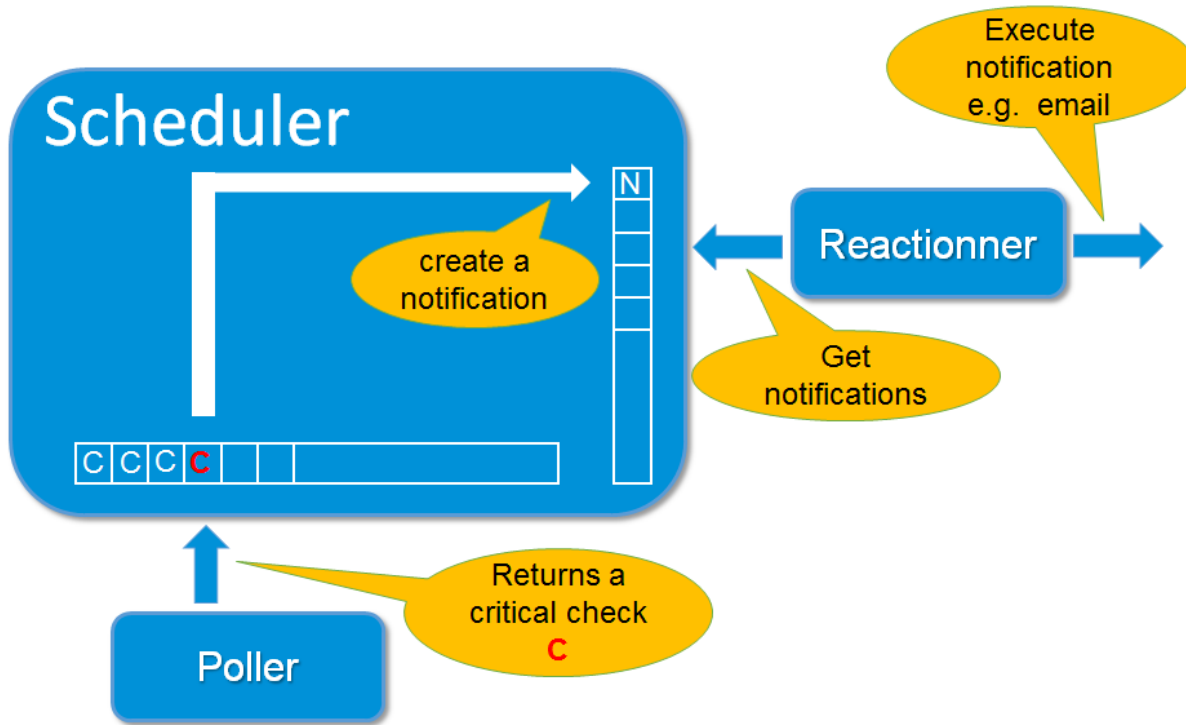
## Role

The reactionner daemon issues notifications and launches event\_handlers. This centralizes communication channels with external systems in order to simplify SMTP authorizations or RSS feed sources (only one for all hosts/services). There can be many reactionners for load-balancing and spare roles

## Connexions with other daemons

The reactionner get it's configuration from the Arbiter daemon, on its 7769 port.

The configuration is the realm scheduler list where the reactionner will have to connect.



## Mail server visibility

The reactionner launches notification plugins in order to notify contacts from host or checks alerts. Notification plugins are mainly based on the mail system, and so the reactionner server need a local MTA configured to relay emails to the contacts. The MTA configuration is up to the administrators.

## Data

The reactionner get command from the schedulers.

It does not know about contacts objects. It only get commands to execute, and the commands are created by the schedulers

## Reactionner connexion summary

Source	Destination	Port	Protocol	Note
Reactionner	Schedulers	7768	HTTPS	

## Variable Descriptions

Property	Default	Description
reactionner_name	N/A	This variable is used to identify the "short name" of the reactionner which the data is associated with.
address	N/A	This directive is used to define the address from where the main arbiter can reach this reactionner. This can be a DNS name or a IP address.
port	7772	This directive is used to define the TCP port used by the daemon.
spare	0	This variable is used to define if the reactionner must be managed as a spare one (will take the conf only if a master failed). The default value is "0" (master).
realm	N/A	This variable is used to define the realm where the reactionner will be put. If none is selected, it will be assigned to the default one.
manage_sub_realms	1	This variable is used to define if the poller will take jobs from scheduler from the sub-realms of it's realm.
modules	N/A	This variable is used to define all modules that the reactionner will load.
reactionner_tags	None	This variable is used to define the checks the reactionner can take. If no reactionner_tags is defined, reactionner will take all untagged notifications and event handlers. If at least one tag is defined, it will take only the checks that are also tagged like it.  By default, there is no reactionner_tag, so reactionner can take all untagged notification/event handlers (default).

## Example Definition

```

define reactionner{
    reactionner_name    Main-reactionner
    address              node1.mydomain
    port                 7769
    spare                0
    realm                All
    manage_sub_realms   0 ; Does it take jobs from schedulers of sub-Realms?
    min_workers          1 ; Starts with N processes (0 = 1 per CPU)
    polling_interval     1 ; Get jobs from schedulers each 1 second
    timeout              3 ; Ping timeout
    data_timeout         120 ; Data send timeout
    max_check_attempts  3 ; If ping fails N or more, then the node is dead
    check_interval       60 ; Ping node every minutes
    reactionner_tags     tag1
    modules               module1,module2
}

```