

...:lib::Smokeping::matchers::Median(3)

SmokePing

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NAME

Smokeping::matchers::Median – Find persistant changes in latency

OVERVIEW

The idea behind this matcher is to find sustained changes in latency.

The median matcher takes a number of past median latencies. It splits the latencies into two groups (old and new) and again finds the median for each groups. If the difference between the two medians is bigger than a certain value, it will give a match.

DESCRIPTION

Call the matcher with the following sequence:

```
type = matcher
pattern = Median(old=>x,new=>y,diff=>z)
```

This will create a matcher which consumes x+y latency-datapoints, builds the two medians and the matches if the difference between the median latency is larger than z seconds.

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