+++ title = "Template data" keywords = ["grafana", "alerting", "guide", "contact point", "templating"] +++

Template data

Template data is passed on to [message templates]({{< relref "./_index.md" >}}) as well as sent as payload to webhook pushes.

Name	Type	Notes
Receiver	string	Name of the contact point that the notification is being sent to.
Status	string	`firing` if at least one alert is firing, otherwise `resolved`.
Alerts	Alert	List of alert objects that are included in this notification (see below).
GroupLabels	KeyValue	Labels these alerts were grouped by.
CommonLabels	KeyValue	Labels common to all the alerts included in this notification.
CommonAnnotations	KeyValue	Annotations common to all the alerts included in this notification.
ExternalURL	string	Back link to the Grafana that sent the notification. If using external Alertmanager, back link to this Alertmanager.

The `Alerts` type exposes functions for filtering alerts:

- `Alerts.Firing` returns a list of firing alerts.
- `Alerts.Resolved` returns a list of resolved alerts.

Alert

Name	Type	Notes
Status	string	`firing` or `resolved`.
Labels	KeyValue	A set of labels attached to the alert.
Annotations	KeyValue	A set of annotations attached to the alert.
StartsAt	time.Time	Time the alert started firing.
EndsAt	time.Time	Only set if the end time of an alert is known. Otherwise set to a configurable timeout period from the time since the last alert was received.
GeneratorURL	string	A back link to Grafana or external Alertmanager.
SilenceURL	string	Link to grafana silence for with labels for this alert pre-filled. Only for Grafana managed alerts.
DashboardURL	string	Link to grafana dashboard, if alert rule belongs to one. Only for Grafana managed alerts.
PanelURL	string	Link to grafana dashboard panel, if alert rule belongs to one. Only for Grafana managed alerts.

Name	Type	Notes
Fingerprint	string	Fingerprint that can be used to identify the alert.
ValueString	string	A string that contains the labels and value of each reduced expression in the alert.

KeyValue

`KeyValue` is a set of key/value string pairs that represent labels and annotations.

Here is an example containing two annotations:

```
{
  "summary": "alert summary",
  "description": "alert description"
}
```

In addition to direct access of data (labels and annotations) stored as KeyValue, there are also methods for sorting, removing and transforming.

Name	Arguments	Returns	Notes
SortedPairs		Sorted list of key & value string pairs	
Remove	[]string	KeyValue	Returns a copy of the Key/Value map without the given keys.
Names		[]string	List of label names
Values		[]string	List of label values