

# Monitoring

In order to monitor translate5 instances and its services there are multiple possibilities.

The MittagQI hosting is monitored by an [uptime kuma](#) instance, a public summary is available at <https://status.translate5.net>

Some badges showing the current hosting status: [blocked URL](#) [blocked URL](#) [blocked URL](#)

## Monitoring of a single translate5 instance

Just that the node/container containing translate5 is up and running says nothing about the health of the translate5 installation. Therefore the URL endpoint `/index/monitoring` is available.

The endpoint returns in general a HTTP status 200 if all is OK, and a status  $>400$  if not.

The following checks are performed implicitly:

- Apache with translate5 installation is up and running
- Maintenance mode is disabled - see below separate section about maintenance backup exception
- translate5 system check - without services. So in general the checks "is db up to date" check, environment checks etc. Similar as the "t5 status" command
- The services (like termtagger, spellcheck etc) are explicitly excluded here, since they should be monitored separately.
- In the MittagQI hosting its checked additionally if the backup was performed once a day - by checking the modification time of the file `INSTANCE /data/logs/backup.log`

## maintenance backup exception

If the installation is in maintenance, it returns a non 200 HTTP status 503. Since its recommended to set the instance in maintenance for backup and update a monitoring tool would complain a downtime while doing that.

To exclude that, the `/index/monitoring` endpoint is checking the maintenance message and the duration before it returns the 503 HTTP state.

The allowed maintenance message for that exclusion and the allowed duration is configurable in `installation.ini` only.

The defaults are defined in `application.ini` and overwritable in `installation.ini`:

```
; this is so seldom changed that we keep it in application.ini instead DB
runtimeOptions.maintenance.monitoring.backupMessage = 'Daily backup and update'
runtimeOptions.maintenance.monitoring.backupAllowedSeconds = 1800
```

## Service Monitoring

To be completed...

See the healthcheck URLs in the docker containers