

# Air Quality API v0.1

## Overview

This is a simple swagger API documentation around the Air quality API server.

## Tags

### Air readings

Operations that control the air readings

## Paths

### **GET** /**air-quality** Fetch current air quality readings

Fetch the current air quality readings. If readings hasn't started it will all be empty

#### Responses

Code	Description	Links
200	Successful operation  <i>Content</i> <b>application/json</b>	No Links
500	Fetch failed	No Links

### **POST** /**start** Start air quality readings

When requested the controller will start reading air quality samples

#### Responses

Code	Description	Links
200	Successful operation  <i>Content</i> <b>application/json</b>	No Links
500	Start failed	No Links

## **POST** /stop Stop air quality readings

When requested the controller will stop reading air quality samples

### *Responses*

Code	Description	Links
200	Successful operation  <i>Content</i> <b>application/json</b>	No Links
500	Stop failed	No Links

## **GET** /single-reading Fetch air quality readings once

Fetch the air readings, even if the readings haven't started or stopped.

### *Responses*

Code	Description	Links
200	Successful operation  <i>Content</i> <b>application/json</b>	No Links
500	Fetch failed	No Links

# Components

## Schemas

### AirQuality

#### *Properties*

Name	Description	Schema																		
sensors <i>optional</i>	<i>Properties</i> <table> <tr> <th>Name</th><th>Description</th><th>Schema</th></tr> <tr> <td>light <i>optional</i></td><td></td><td><a href="#">SensorReading</a></td></tr> <tr> <td>hazardous_gases <i>optional</i></td><td></td><td><a href="#">SensorReading</a></td></tr> <tr> <td>humidity <i>optional</i></td><td></td><td><a href="#">SensorReading</a></td></tr> <tr> <td>pressure <i>optional</i></td><td></td><td><a href="#">SensorReading</a></td></tr> <tr> <td>temperature <i>optional</i></td><td></td><td><a href="#">SensorReading</a></td></tr> </table>	Name	Description	Schema	light <i>optional</i>		<a href="#">SensorReading</a>	hazardous_gases <i>optional</i>		<a href="#">SensorReading</a>	humidity <i>optional</i>		<a href="#">SensorReading</a>	pressure <i>optional</i>		<a href="#">SensorReading</a>	temperature <i>optional</i>		<a href="#">SensorReading</a>	object
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pressure <i>optional</i>		<a href="#">SensorReading</a>																		
temperature <i>optional</i>		<a href="#">SensorReading</a>																		
current_time <i>optional</i>		string																		
errors <i>optional</i>		< string > array																		

## GeneralResponse

### SensorReading

#### *Properties*

Name	Description	Schema
reading <i>optional</i>		number