

## Introduction

It is possible to control most aspects of the Pharos controller's project using the HTTP API. This API can be used from any device (or system) that can send HTTP requests.

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## HTTP Requests

HTTP is the protocol that is used for web traffic. The communication is based on requests and responses.

When you open a web page, your browser sends a GET request to the server to get the page. The server responds with the requested page.

It is also possible to POST data to the server, meaning data is being sent, e.g. from a form. The data in the POST request is hidden inside the body of the request, meaning it is not displayed in the browser's address bar, or stored in the browser history.

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## Setting API Version

In the Project Properties, it is possible to select the API version to use.

Legacy uses the version of the API from pre v2.3, while the numbered versions will be updated periodically. The latest version is marked as such in the dropdown.

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## Sending GET Requests

GET requests can be tested easily using your web browser:

```
http://192.168.1.2/api/system
```

```
http://192.168.1.2/api/timeline?num="1,2,5-9"
```

This will send a GET request to the controller at 192.168.1.2 and the system data, or timeline data, will be displayed in the browser.

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## Sending POST/PUT/DELETE Requests

POST requests are harder to test in your web browser, as they require a body to be added to the request.

Tools are available to test this, such as:

Advanced REST Client (Google Chrome Extension)

Fiddler (Mac or Windows)

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## Further Information

Full documentation is available in the Software Help > Reference > API v1

If you require further assistance, please contact Pharos Support.