# WebUntis API

## General Request-Response Information

* Based on JSON-RPC 2.0   
  ( http://groups.google.com/group/json-rpc/web/json-rpc-2-0 )
* Service-URL: http(s)://<SERVER>/WebUntis/jsonrpc.do  
  Example: <https://poly.webuntis.com/WebUntis/jsonrpc.do>
* Every method is called through a POST-Request.

### General format of an API-Request

Attributes marked with an \* are mandatory.

{ "**id**": "ID",

"**method**": "METHOD",

"**params**": PARAMS,

"**jsonrpc**": "2.0" }

ID \* An id to identify the response to your request. It is being repeated in the response

METHOD \* The name of the method you want to use

PARAMS The parameters being passed to the method. Look under each method for more details on the needed parameters.

### General format of an API-Response

{ "**jsonrpc**": "2.0",

"**id**": "ID",

"**result**": RESULT }

ID The id passed in your request.

RESULT The result of the requested method. Look under each method for more details on the form of the response.

## Starting to use the API

In order to use this API, you have to authenticate your data and get a session id.

#### How to Authenticate

**Request**

In addition to the normal URL, you need to add the following parameter to it:

?school=SCHOOLNAME

SCHOOLNAME The name of your school, as it is written in the WebUntis DB.

Example: <https://poly.webuntis.com/WebUntis/jsonrpc.do?school=HS+Reutlingen>

METHOD authenticate

PARAMS { "**user**": "USERNAME",   
"**password**": "PASSWORD",  
 "**client**": "CLIENT" }

USERNAME \* Your University account username.  
 PASSWORD \* Your University account password.  
 CLIENT \* A unique identifier for your application.

**Response**

RESULT { "**sessionId**": SESSIONID  
"**personType**": PERSONTYPE,  
"**personId**": PERSONID }

SESSIONID The id for your given session.  
PERSONTYPE 2 = Teacher, 5 = Student  
PERSONID The id of the person.

Example:

"result": {

"sessionId": "644AFBF2C1B592B68C6B04938BD26965",   
"personType": 5,  
 "personId": 0 }

#### The SessionId

All subsequent requests must use this sessionId to identify themselves. Pass it in one of the following two ways:

* **Path parameter** -> ;jsessionid  
  Example: https://poly.webuntis.com/WebUntis/jsonrpc.do;jsessionid= 644AFBF2C1B592B68C6B04938BD26965
* **Cookie (RequestHeader)** -> JSESSIONID  
  Example: JSESSIONID=644AFBF2C1B592B68C6B04938BD26965

#### How to Logout

Use this method to end your current session. It should be used as soon as possible to free resources on the server.

**Request**

METHOD logout

## Methods to get data