

# PijsMarietje Methods

## BASE URL

To connect to the Marietje musicserver, you need the right url.

Marietje-Noord: <http://noordslet.science.ru.nl/> or <http://marietje-noord.marie-curie.nl/>

Marietje-Zuid: <http://zuidslet.science.ru.nl/> or <http://marietje-zuid.marie-curie.nl/>

Both servers have their interfaces on port 8080. So a the BASE\_URL for Marietje-Noord would be <http://noordslet.science.ru.nl:8080/>.

## MEDIA

Get a list of all songs in the database.

*BASE\_URL/media*

This method returns a JSON object with the following structure:

```
{
  _mediaid: ["MediaArtist", "MediaTitle", "MediaLengthInSeconds"],
  _mediaid: ["MediaArtist", "MediaTitle", „MediaLengthInSeconds"],
  ...
}
```

## NOW PLAYING

Get the current playing song.

*BASE\_URL/playing*

This method returns XML with the following structure:

```
<playing artist="MediaArtist" endTime="TimestampInSeconds"
length="MediaLengthInSeconds" media="MediaId"
serverTime="TimestampInSeconds" title="MediaTitle" />
```

## REQUESTS

Get the requested songs.

*BASE\_URL/requests*

This method returns XML with the following structure:

```
<requests>
  <request artist="MediaArtist" length=„MediaLengthInSeconds"
media="MediaId" title="MediaTitle" />
  <request artist="MediaArtist" length=„MediaLengthInSeconds"
media="MediaId" title="MediaTitle" />
</requests>
```

## REQUEST SONG

Add song to queue

*BASE\_URL/request/**username/password/mediaid***

This method has multiple types of responses in XML:

**In case of success:**

`<status code="ok"/>`

**In case of a wrong combination of username and password or a non-existing user:**

`<status code="wrong-login"/>`

**In case the song is already in the queue:**

`<status code="denied" message="AlreadyInQueueError()"/>`

**In case the song for the specified media id can't be found:**

`<status code=„wrong-media"/>`