

Stats4Lox::msget_value

```
($respcode, $dataarray) = msget_value( $msno, $block );
```

Sends a HTTP REST request to the specified Miniserver and get all values of the specified block. All values including additional outputs are get back as a hash. It is the same as sending a request to Loxone's HTTP API with /all in the request url.

The **first** parameter is the **Miniserver number** (numbers are equal to [LoxBerry::System::get_miniservers](#), starting with 1).

The **second** parameter is a **string with the block name, description or UUID**, e.g. Aussentemperatur or a6da627a-6677-11e3-a77d9c3de0c5866d or alternatively a full URL path starting with /jdev/

Make sure, that your block name/description or full url is correctly URI-encoded, especially with Loxone block names ("Küche"), or names with blanks ("Light livingroom").

Parameter

Parameter	Required	Beschreibung
\$msno	x	Number of the Miniserver
\$block	x	The block's name, description or UUID or alternatively a full URL path starting with /jdev/. The parameter must be URL-encoded correctly (except slashes in the path).

Return value

Parameter	Description
1. return	The http response code
2. return	An arrayref of hashes of all available values. undef on any error.

The **first** return value is the http response code.

The **second** return value is an arrayref of hashes of all returned values.

A function call looks like this:

```
my ( $respcode, $dataarray ) = msget_value( 1, "a6da627a-6677-11e3-a77d9c3de0c5866d" );
```

The **\$respcode** status may contain

- a LoxBerry-own "error code" in the 6xx area (e.g. "601" for "Miniserver not defined")

- the HTTP statuscode
 - 200 if the request was successful
 - 404 if the requested resource was not found
 - 500 if you have no permissions to access this resource

For details please see [LoxBerry::IO::mshttp_call2](#)

Each hash of the **\$dataarray** contains the following keys:

Key	Description	Example
Code	The http response code. Available only in the first hash of the Default value.	200
Unit	The unit of the default value. Available only in the first hash of the Default value.	"°C"
Value	The value	21.7
Name	The name of the output. Available only in the first hash of the Default value.	"AQ"
Key	The key of the output. Available only in the first hash of the Default value.	"output0"

Usage

```
#!/usr/bin/perl

use LoxBerry::System;
require "$lbpbindir/libs/Stats4Lox.pm";

# Debug: Set to 1 for debug output to STDERR.
$Stats4Lox::DEBUG = 0;
$Stats4Lox::DUMP = 0;

my ($respcode, $dataarray) = Stats4Lox::msget_value( 1, "a6da627a-6677-11e3-a77d9c3de0c5866d" );

print "Response Code is: $respcode\n\n";

# Loop through all returned values
my $i = "0";
foreach (@$dataarray) {
    print "=== $i. Dataset: ===\n";
    foreach $key ( keys %$_ ) {
        my $value = $_->{$key};
        print "Value of $key is: $value\n";
    }
    $i++;
}

# Access a single value
print "Default value is " . @$dataarray[0>{"Value"} . "\n";
```

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