

Writing ini files in PHP

For *reading* ini files, you can use PHP's internal `parse_ini_file` function.

For *reading* configuration files like LoxBerry's `general.cfg` with `parse_ini_file`, we recommend to use the scanner mode `INI_SCANNER_RAW` as PHP may get problems trying to parse LoxBerry's settings.

For *writing* ini files with PHP you can use the included PHP library `Config/Lite`. It is included in Loxberry Core.

Initializing

If you would like to use it, load it via

```
require_once "Config/Lite.php";
```

Usage

The usage is very simple. To load an ini file, use

```
$cfg = new  
Config_Lite("$lbpconfigdir/myconfig.cfg", LOCK_EX, INI_SCANNER_RAW);
```

`INI_SCANNER_RAW` should be used for read of different spells of boolean values. Otherwise booleans could be empty especially while writing the ini file.

If you wouldn't like to quote your values, disable quoting by

```
$cfg->setQuoteStrings(False);
```

The `LOCK_EX` parameter above locks the file for writing.

Access values from the array

If your ini file is loaded, you have access to an array of your values:

```
$myvalue=$cfg['section']['value'];
```

Set values

You can set values to your ini file by writing to the array:

```
$cfg['section']['value'] = $myvalue;
```

Slightly more complicated are boolean values like "on/off true/false". Most times the result will be wrong. For booleans there is an function `getBool`. More about the use of the included functions follows below.

The LoxBerry module `LBSystem` (`loxberry_system.php`) includes functions, to translate fuzzy words like enabled, on, to the state `True`. See [LBSystem::is_enabled\(\\$text\)](#) and [LBSystem::is_disabled\(\\$text\)](#).

Object orientated access

Another way to read/write are OO style functions

To read a value use

```
$myvalue=$cfg->get("section","value");
```

To set a value use

```
$cfg->set("section","value",$myvalue);
```

Booleans

For booleans there is es special function called `getBool`. This function returns a real bool and translates all possible values to it

```
$mybool = $cfg->getBool("section","value",default);
```

You can also test if a value exists.

```
$exist = $cfg->has("section","value");
```

The return value is either True or False.

Save your changes

To save you values use

```
$cfg->save();
```

Documentation

Visit the [website of Config/Lite for documentation](#).

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