

GMA API: Get Reference Information

Get Reference

Examples

Summit: <https://www.cqgma.org/api/ref/?DA/NI-099>
WWFF: <https://www.cqgma.org/api/ref/?DLFF-0125>
Island: <https://www.cqgma.org/api/ref/?eu-022>
Lighthouse:
ILLW: <https://www.cqgma.org/api/ref/?DE0136>
ARLHS: <https://www.cqgma.org/api/ref/?FED 009>
WCA: <https://www.cqgma.org/api/ref/?DL-00319>
COTA: <https://www.cqgma.org/api/ref/?NBN-047>
MOTA (Mills): <https://www.cqgma.org/api/ref/?X53965>

Castles only:

<https://www.cqgma.org/api/castle/?DL-00136>

Islands only:

<https://www.cqgma.org/api/castle/?EU-066>

Lighthouses only:

<https://www.cqgma.org/api/lighthouse/?fed-101>

<https://www.cqgma.org/api/lighthouse/?fed 101>

Mills only:

<https://www.cqgma.org/api/mill/?X53965>

Summits only:

<https://www.cqgma.org/api/summit/?da/ni-096>

WWFF only:

<https://www.cqgma.org/api/wwff/?DLFF-0126>

Example of a dialogue program

URL: https://www.adventureradio.de/cgma/reference_info.php

GMA REFERENCE INFORMATION

DLFF-0125 is a WWFF

reference : DLFF-0125
name : Nature Park TERRA vita
latitude : 52.26815796
longitude : 8.35510254
locator : JO42EG

GMA REFERENCE INFORMATION

DM/NS-108 is a Summit

reference : DM/NS-108
name : Piesberg
latitude : 52.31775000
longitude : 8.01925000
locator : JO42AH

Source Code in PHP:

```
<?php

error_reporting(E_ALL);
ini_set('display_errors','On');

#-----
# Example for reference_info from cqGMA
#
# 23-October-2022, DL4MFM
#-----

echo "<!DOCTYPE html>
<html>
<head>
<meta http-equiv'Content-Type' content='text/html; charset=utf-8'>
<title>GMA API Example</title>

<style type='text/css'>

body { background-color: white;
color: #000000;
font-size: 14px;
font-family: Verdana, Arial, Helvetica, Geneva, Swiss, SunSans-Regulary;
}

h3 { background-color: white;
color: #265e15;
font-size: 1.5em;
font-variant: small-caps;
letter-spacing: 1px;
margin: 10px 0 0 0;
font-family: Verdana, Arial, Helvetica, Geneva, Swiss, SunSans-Regulary;
}
</style>
</head>
<body>" . PHP_EOL . PHP_EOL;

$submit = "";
$input = "";
..
if (isset($_POST['submit'])) $submit=$_POST['submit'];
if (isset($_POST['input'] )) $input=strtoupper($_POST['input']);

// S U B R O U T I N E S

// fetches the information
function ref_info($ref) {
    $url = 'https://www.cqgma.org/api/ref/?'.$ref;

    // Let's use cURL instead of file_get_contents
    // begin script
    $ch = curl_init();

    // basic curl options for all requests
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($ch, CURLOPT_HEADER, 0);

    // use the URL we built
    curl_setopt($ch, CURLOPT_URL, $url);

    $ref_info = curl_exec($ch);

    // Close cURL handle
```

```

        curl_close($ch);

        return $ref_info;
    }

    // Input Form
    function input_form() {
        echo "<form action='reference_info.php' method='POST' name=post>
            <input type='text' name='input' value='' placeholder='enter a reference'
size='15' id='myInput' autofocus>
            &nbsp;
            <input type='submit' value='Reference Info' name='submit'>
        </form><br>" . PHP_EOL;
    }

// Main Routine

if ($submit=="") {
    input_form();
} else {

    $handing = str_replace(' ', '%20', $input);
    $json = ref_info($handing);

/*
    echo "<hr>";
    var_dump(json_decode($json, true));
    echo "<hr>";
*/

    $reference = json_decode($json, true);

    if (($json == NULL) || (! isset($reference["reftype"]))) {
        echo "$input &rArr; No result found <br>" . PHP_EOL;
        echo "<br>";
        echo "<hr>";
        input_form();
        exit;
    }

/*
    echo "<hr>" . PHP_EOL;
    echo 'Last Error: ', json_last_error_msg(), PHP_EOL, PHP_EOL;
    echo "<hr>" . PHP_EOL;
*/

    echo "<h3>GMA Reference Information</h3><br>" . PHP_EOL;
    echo $input . " is a " . $reference["reftype"] . "<br><br>" . PHP_EOL;
    echo "<br>";
    echo "reference : " . $input . "<br>" . PHP_EOL;
    echo "name : " . $reference["name"] . "<br>" . PHP_EOL;
    echo "latitude : " . $reference["latitude"] . "<br>" . PHP_EOL;
    echo "longitude : " . $reference["longitude"] . "<br>" . PHP_EOL;
    echo "locator : " . $reference["locator"] . "<br>" . PHP_EOL;
    echo "<br>" . PHP_EOL;
    echo "<hr size=1 color=blue><br>" . PHP_EOL;
    input_form();
}

?>

</body>
</html>

```

An interactive request

Example: <https://www.adventureradio.de/cqgma/readall.php>

```
<?php

    error_reporting(E_ALL);
    ini_set('display_errors','On');

#-----
# Example for reading COTA/WCA record from GMA
# idea DF2ET
#
# 21-ctober-2022, DL4MFM
#
#-----

    // fetches the Castle information
    function ref_info($ref) {
        $url = 'https://www.cqgma.org/api/ref/?'.$ref;

        // Let's use cURL instead of file_get_contents
        // begin script
        $ch = curl_init();

        // basic curl options for all requests
        curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
        curl_setopt($ch, CURLOPT_HEADER, 0);

        // use the URL we built
        curl_setopt($ch, CURLOPT_URL, $url);

        $ref_info = curl_exec($ch);

        // Close cURL handle
        curl_close($ch);

        return $ref_info;
    }

    function headline($txt,$ref) {
        echo "<hr>" . PHP_EOL;.
        echo "<b>$txt &rArr; <font color=red>$ref</font></b><br>" . PHP_EOL;
    }
    .....

    // COTA
    headline("COTA","NBN-019");
    $json = ref_info('NBN-019');
    var_dump(json_decode($json, true));

    // WCA
    headline("WCA","DL-05279");
    $json = ref_info('DL-05279');
    var_dump(json_decode($json, true));

    // Summit
    headline("Summit","DM/NS-108");
    $json = ref_info('DM/NS-108');
    var_dump(json_decode($json, true));
```

```

// WWFF
headline("WWFF","DLFF-0125");
$json = ref_info('DLFF-0125');
var_dump(json_decode($json, true));

// IOTA
headline("IOTA","EU-126");
$json = ref_info('EU-126');
var_dump(json_decode($json, true));

// GMA Islands
headline("GMA Island","DAI/NI-010");
$json = ref_info('DAI/NI-010');
var_dump(json_decode($json, true));

// Mill
headline("Mill","X29821");
$json = ref_info('X29821');
var_dump(json_decode($json, true));

// ILLW
headline("ILLW","DE0067");
$json = ref_info('DE0067');
var_dump(json_decode($json, true));

// WLOTA
headline("WLOTA","518");
$json = ref_info('518');
var_dump(json_decode($json, true));

// ARLHS w/ hyphen
headline("ARLHS Version 1","FED 101");
$json = ref_info('FED-101');
var_dump(json_decode($json, true));

// ARLHS w/o hyphen
headline("ARLHS Version 2","FED-101");
$json = ref_info('FED+101'); // OR FED%20101
var_dump(json_decode($json, true));
echo "<hr>" . PHP_EOL;
?>

```

Example of an interactive mountain-only query

example: <https://www.adventureradio.de/cqgma/readsummit.php>

```
<?php

    error_reporting(E_ALL);
    ini_set('display_errors','On');

#-----
# Example for reading Summits record from GMA
# idea DF2ET
#
# 21-ctober-2022, DL4MFM
#
#-----

    // fetches the Summits information
    function summits_info($ref) {
        $url = 'https://www.cqgma.org/api/summit/?'.$ref;

        // Let's use cURL instead of file_get_contents
        // begin script
        $ch = curl_init();

        // basic curl options for all requests
        curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
        curl_setopt($ch, CURLOPT_HEADER, 0);

        // use the URL we built
        curl_setopt($ch, CURLOPT_URL, $url);

        $summits_info = curl_exec($ch);

        // Close cURL handle
        curl_close($ch);

        return $summits_info;
    }

    $json = summits_info('DM/NS-108');
    var_dump(json_decode($json, true));

?>
```