



RECEPTION VIA HTTP

This is the faster and more secure way to send data. Opta sends the data using the http Post method to a customer web page. This app have to pick up the data y process them.

The variables Content-Type y Content-Length of the header have the following values:

Content-Type: text/xml

Content-Length: length of the sent data

When the app. receive the data have to check if them are a well formed XML file and then returns a string with the value "OK". If not it has to returns a string the "ERROR" string and a error description. If a "OK" string is not returned we sender app. will assume an error took place and will retransmit the data.

Examples of apps. receiving data (PHP, ASP)

Código PHP

```
<?php
    $nodos = 0;
    $ficheroFN = "";
    $ficheroFG = "";

    function openElement($parser, $element, $attributes) {
        //foreach ($attributes as $key => $value) $attr .= $key." : ".$value." - ";
        global $XMLdocument;
        global $nodos;
        global $ficheroFN;
        global $ficheroFG;

        $nodos++;

        if ( $element === "DG" )
        {
            foreach ($attributes as $key => $value) {
                if ( $key === "FN" )
                {
                    $ficheroFN = $value;
                }
                if ( $key === "FG" )
                {
                    $ficheroFG = $value;
                }
            }
        }
    }
}
```

```

function closeElement($parser, $element) {
//echo "-> closeElement element is: $element<br/>";
    global $nodos;
    $nodos--;
}

function characterData($parser, $data) {
    //echo "-> characterData data is: [$data]<br/>";
}

$parser = xml_parser_create();

xml_parser_set_option($parser, XML_OPTION_CASE_FOLDING, false);
xml_set_element_handler($parser, "openElement", "closeElement");

//$XMLdocument = file_get_contents("CNF_07515.xml");
$XMLdocument = file_get_contents("php://input");
xml_parse($parser, $XMLdocument);

xml_parser_free($parser);

if ( $nodos !== 0 )
{
    if ( $ficheroFN !== "" )
    {
        echo "ERROR. xml mal formado. Fichero = " . $ficheroFN;
    }
    else
    {
        echo "ERROR. xml mal formado";
    }
}
else
{
    //Grabo los ficheros en el mismo directorio que la página
    if ( $ficheroFN !== "" )
    {
        $DescriptorFichero = fopen($ficheroFN,"w");
        fputs($DescriptorFichero,$XMLdocument);
        fclose($DescriptorFichero);

        if ( $ficheroFN === $ficheroFG )
        {
            echo "OK ";
        }
        else
        {
            if ( $ficheroFG !== "" )
            {
                $DescriptorFichero = fopen($ficheroFG,"w");
                fputs($DescriptorFichero,$XMLdocument);
                fclose($DescriptorFichero);
                echo "OK ";
            }
            else
            {

```



```
                                echo "ERROR. xml sin atributo FG";
                                }
                                }
                                }
                                else
                                {
                                echo "ERROR. xml sin atributo FN";
                                }
                                }
?>
```

If it is needed to save the data in a file following the OptaEs name rules, the file name are included in two attributes ("FN y FG")