# DOCUMENT HISTORY

<table>
<thead>
<tr>
<th>Version</th>
<th>Release Date</th>
<th>Author</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.01</td>
<td>01/12/2015</td>
<td>Peter Macfarlane</td>
<td>First version</td>
</tr>
</tbody>
</table>
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1 CFT LIST SERVICE

1.1 PURPOSE

The Publications Office offers a simple service in the eTendering website that provides basic information about published calls for tenders. This service is intended to allow Contracting Authorities to display information about their calls for tenders on their own websites.

This document describes what the service provides and how it can be used.

1.2 FUNCTIONAL DETAILS

The service provides the following information

<table>
<thead>
<tr>
<th>Data</th>
<th>Description</th>
<th>Multilingual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>The official title of the call for tenders</td>
<td>Yes</td>
</tr>
<tr>
<td>Reference</td>
<td>The reference number of the call for tenders</td>
<td>No</td>
</tr>
<tr>
<td>Status</td>
<td>The status of the call for tenders. This can be one of:</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>• Open</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Closed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Cancelled after publication</td>
<td></td>
</tr>
<tr>
<td>Start Date</td>
<td>The date / time that the call for tenders was published</td>
<td>No</td>
</tr>
<tr>
<td>Closing Date</td>
<td>The date/time of the call for tenders closure</td>
<td>No</td>
</tr>
<tr>
<td>URL</td>
<td>The URL to the main page of the call for tenders in the eTendering web site</td>
<td>No</td>
</tr>
<tr>
<td>CA Name</td>
<td>The short name of the contracting authority responsible for the call for tenders.</td>
<td>No</td>
</tr>
</tbody>
</table>

Table 1: Information provided by the service

The call for tenders title is multilingual only if the translation exists in eTendering – otherwise, the information will be returned in the call for tenders default language.

The service is publically available, free, and does not require any form of registration.
1.3 TECHNICAL DETAILS

The service is available at the following URL.

https://etendering.ted.europa.eu/cft/cft-list.json

The service accepts several URL parameters, described in the following table. Note that if a value is not provided the default value will be used.

<table>
<thead>
<tr>
<th>URL PARAMETERS</th>
<th>Parameter</th>
<th>Description</th>
<th>Values allowed</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>status</td>
<td>The status of the call for tender</td>
<td>PUBLISHED, CLOSED, CANCELLED_PUBLISHED</td>
<td>All three together</td>
</tr>
<tr>
<td></td>
<td>caName</td>
<td>The short name of the contracting authority</td>
<td>The name of any contracting authority defined in eTendering. To get the current list, send a request with an invalid caName (e.g. &quot;help&quot;) – the resulting error message will display the list.</td>
<td>All contracting authorities</td>
</tr>
<tr>
<td></td>
<td>lang</td>
<td>The language</td>
<td>A lower case two letter language code supported by eTendering, for example &quot;fr&quot; for French.</td>
<td>en</td>
</tr>
</tbody>
</table>

Table 2: Service parameters

The service provides a response as a JSON string. The string contains a list of "cft" objects.

<table>
<thead>
<tr>
<th>JSON CFT OBJECT ATTRIBUTES</th>
<th>Attribute</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>title</td>
<td>The title of the call for tenders</td>
</tr>
<tr>
<td></td>
<td>reference</td>
<td>The reference number</td>
</tr>
<tr>
<td></td>
<td>status</td>
<td>The status</td>
</tr>
<tr>
<td></td>
<td>startDate</td>
<td>The start date, as a JSON date/time</td>
</tr>
<tr>
<td></td>
<td>closingDate</td>
<td>The closing date, as a JSON date/time</td>
</tr>
<tr>
<td></td>
<td>url</td>
<td>The URL to the main page of the call for tenders in the eTendering web site</td>
</tr>
<tr>
<td></td>
<td>caName</td>
<td>The short name of the contracting authority responsible for the call for tenders.</td>
</tr>
</tbody>
</table>

Table 3: JSON cft attributes

Data are sorted in descending order of start date.

If there is an error assembling the data, the service will return a JSON string with one attribute named "error". The value is an error message, in English.
1.4 EXAMPLE REQUEST

To get a list of all open calls for tenders for the Publications Office in Spanish, use the following URL:

1.5 EXAMPLE RESPONSE

```json
{"cfts": [
    {
      "startDate":"2015-11-17 00:00:00.0",
      "title":"Suministros de papelería y oficinas",
      "caName":"OP",
      "status":"Abrir",
      "closingDate":"2016-01-31 23:59:59.0",
      "reference":"2015/10/TT"
    },
    {
      "startDate":"2015-11-15 00:00:00.0",
      "title":"servicios de catering",
      "caName":"OP",
      "status":"Abrir",
      "closingDate":"2016-12-30 00:00:00.0",
      "reference":"2015/11/RR"
    }
]
}
```
1.6 SIMPLE IMPLEMENTATION

Consider the following fragment of an HTML page that should be populated with information from the cft list service.

```html
<div id="cfts">
    <span>Call for tenders list</span>
    <table id="cfts_table">
        <thead>
            <th>Title</th>
            <th>Start date</th>
            <th>Closing date</th>
            <th>Status</th>
        </thead>
        <tbody id="cftTableBody">
            <tr id="cftTableRow">
                <td id="cftTitleCell"><a id="cftTitle"></a></td>
                <td id="cftStartDate"></td>
                <td id="cftClosingDate"></td>
                <td id="cftStatus"></td>
            </tr>
        </tbody>
    </table>
    <div id="errorMessage"></div>
</div>

The following JavaScript could run when the page is loaded. Note that we use jQuery in this example.

The script will load the call for tenders information and add a row to the table for each call for tender found. The title column will hyperlink to the call for tenders on the eTendering web site.

In case of error, the script will instead display an error message.
$(document).ready(function () {
    $.ajax({
        cache: false,
        dataType: 'json',
        crossDomain: true,
    }).success(function (data) {
        if (data.cfts) {
            $(data.cfts).each(function (i, cft) {
                var row = $('#cftTableRow').clone();
                $(row).find('#cftTitle').html(cft.title);
                $(row).find('#cftTitle').attr("href", cft.url);
                $(row).find('#cftStartDate').html(cft.startDate);
                $(row).find('#cftClosingDate').html(cft.closingDate);
                $(row).find('#cftStatus').html(cft.status);
                $('#cftTableBody').append(row);
            });
        } else if (data.error) {
            $('#cfts').hide();
            $('#errorMessage').text(data.error);
        }
    }).error(function (error) {
        //error handling
    });
});

End of document