

Consuming a Content Source

CMS content provider

The CMS connector will allow CMS systems to extract information from a TempusServa system, and display it inline in other pages.

Example:

Data extracted from the Tempus Serva connector

<http://alpha.tempusserva.dk/TempusServa/cmsinterface?q=examdates>

The final result inside a page in our website

<http://tempusserva.dk/site/index.php/da/eksamensdatoer>

Notes on usage

- A CMS system is no requirement and static HTML files will work too.
- The TS backend will not be slowed because all content is cached in the connector (configurable)
- Connectors have NO influence on licensing

Tempus Serva setup (provider)

Frontend

1. Make the request that suits your needs
 - Filters and parameters
 - Sorting / grouping
 - Fields to display
 - Fields to display
 - Page size
2. Save the view
3. Click on the view and copy the parameters

Backend

1. Check that anonymous users have the right permissions
 - Note the interface will only allow READ operations
2. Go to "Integration" > "Content connector"
3. Add new element
 1. Give the connector a unique name (CONNECTOR_NAME>)
 2. Choose solution and set command type (as seen in the "command" parameter in the URL)
 3. Paste alle parameters from the URL above
 - Optionally add other settings like Language and Stylesheet
 4. Optionally define a variable that the "v" parameter will be mapped to (OPTIONAL_VARIABLE)
4. Test the new connector

URL format

- http://myserver.dk/TS/cmsinterface?q=<CONNECTOR_NAME>
- http://myserver.dk/TS/cmsinterface?q=<CONNECTOR_NAME>&v=<OPTIONAL_VARIABLE>

Example URL's

- <http://myserver.dk/TS/cmsinterface?q=customerList&v=3>
- <http://myserver.dk/TS/cmsinterface?q=longActivityList&v=3>
- <http://myserver.dk/TS/cmsinterface?q=singleActivityById&v=782382386>

Note that links between lists and single items will first be supported by Q2/2014.

CMS system setup (consumer)

Option: Client rendering

The following procedure

1. Make sure JQuery is available (normal JS can do the job)
2. Insert content placeholder and Javascript code

```
<script>  
jQuery.ajax(  

```

```
{
  url: 'http://myserver.com/TempusServaProxy.php?q=examdates',
  success: function(data) { jQuery('#tsContent').html(data); }
});
</script>
```

Note: The URL above reflects the use of a proxy script (see below).

Option: Server side include

Insert code that fetches the content

```
echo file_get_contents("http://myserver.com/TS/cmsinterface?q=examdates")
```

In some cases you might want to remove the wrapper, header etc. from normal pages. This is done by adding the AjaxMode parameter.

```
echo
file_get_contents("https://talentpiper.com/demo/mainpublic?command=dk.p2e.blanket.codeunit.common.PageP
ublicRecordsListAndShow&AjaxMode=1");
```

Note: The URL above reflects the direct use of interface.

Overcoming CORS protection

In cases where the TempusServa server and the CMS system is on different domains (ex. acme.shared.com and cms.acme.com), browsers will prevent pages from accessing content from other servers.

Two options exist

1. Use server side includes (ok, but not supported everywhere)
2. Set up a mini proxyserver

A mini proxyserver written in PHP is very simple (aspx/jsp will have similar features) and placed on the CMS side.

```
<?php
echo file_get_contents("http://myserver.dk/TS/cmsinterface?q=".$_GET["q"]."&v=".$_GET["v"]);
```

The proxy can also be deployed on another domain than the CMS system.

```
<?php
header("Access-Control-Allow-Origin: *");
echo file_get_contents("http://myserver.dk/TS/cmsinterface?q=".$_GET["q"]."&v=".$_GET["v"]);
```

For a more safe version write the name of the CMS domain

```
header("Access-Control-Allow-Origin: www.tempusserva.dk");
```

Afterwards you just make the calls through the proxy using exact same parameters.

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