Setting up a content source

THIS ARTICLE IS UNDER DEVELOPMENT

Many parameters are straight forward

- Related solution
- Max cache age
- Is active

Unique NAME

This is the calling name of the interface, that must be provided accessing the content service.

Example for calling the view **myview**

```
.../cmsinterface?q=myview& ...
```

Query command

Relevant commands include

- General records
  - list: List of records
  - show: Single record
- HTML formatted views
  - heat: Heatmaps
  - gant: Gant charts
  - xtab: Pivot tables
  - calm: Calendar

Query parameters

Parameters are provided without URL encoding

```
QUERY_FIELD_1=TITEL&QUERY_OPERATOR_1=8&QUERY_VALUE_1=Hello&QUERY_SHOWFIELD=TITEL StatusID
DEADLINE
```

Procedure for easy parameter setup

1. Build views in frontend.
2. Activate the link and copy the URL
3. ´Remove unneeded parameters
   - command
   - SagID
   - QUERY_NEW

Possible parameters

QUERY_FIELD_n	Part of the search/filter. The field to filter by.
QUERY_OPERATOR_n	Part of the search/filter. The way to filter. Full list Dashboard widget configuration
QUERY_VALUE_n	Part of the search/filter. The value to filter by.
QUERY_SHOWFIELD	The fields to show in the list, separated by space.
QUERY_PageSize	Number of records to show pr page.
QUERY_PageOffset	The page number to show.
QUERY_SortOrder	The field to sort ascending by. Use either this or SortOrderDesc.
QUERY_SortOrderDesc	The field to sort descending by. Use either this or SortOrder.
QUERY_Grouping	The field to group records by.
QUERY_GroupingDesc	

Dynamic parameter

This specifies a parameter that will be set by the value provided in the **v** parameter.

Example: Using this interface

```
Unique NAME: mylist
Query command: list
Dynamic parameter: QUERY_PageOffset
```

Making a call to

```
.../cmsinterface?q=mylist&v=2
```

Will fetch a list of data and display page 2, because **2** is injected into **QUERY_PageOffset**.

Parameters and values are injected directly into the http request.

Note: Using the "show" command the variable will ALLWAYS get mapped to "DataID"

Using a content source

Calling the **cmsinterface** servlet will provide you with an overview on how to use it.

Example:

```
https://www.acme.com/TempusServa/cmsinterface
```

The interface requires just the name of the source, but additional parameters can be provided.

Parameters

- **q**: Name of the interface (required)
  - This name must match "Unique NAME"
- **f**: Format of the result (optional)
  - Valid values: html json xml
- **v**: Parameter for dynamic values (optional)
  - The value will be substituted to the parameter in "Dynamic parameter"

Example:

```
https://www.acme.com/TempusServa/cmsinterface?q=mysource&f=json
```

Troubleshooting

THIS ARTICLE IS UNDER DEVELOPMENT

Configuration caching

For performance reasons information about the content sources is kept cached.

Adding or changing sources will propegate automatically : You will need to clear the system cache to pick the changes.

Parameter encoding

Note that URL's copied from a browser address bar are often encoded in HTML format.

The content will not decode values and request strings, so all encoded strings will fail.

Revision #3
Created 7 April 2025 08:36:01 by Theis Villumsen
Updated 8 April 2025 13:34:53 by Theis Villumsen