

EXT: OLC Flights

Extension Key: mb_olc_flights

Language: en

Version: 0.1.1

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Introduction

What does it do?

This extension displays gliding, paragliding and hanggliding flight statistics on your homepage. For example a list of recent flights including pilot and aircraft name, traveled distance, duration, average speed and more. It could be interesting for aviation clubs, to show the latest competition flights and also the club's best flight of the year.

All data is fetched from the Online Contest (OLC, <http://www.onlinecontest.org>) and can be freely arranged with HTML templates.

It's easy to use: all you need is your OLC club ID, your country ID and the year. Additionally this extension supports to link the aircraft entry to a detail page and a photo.

Screenshots

Here you see what the extension does in the frontend: It displays the year's best flight and a listing of the last active competition day (which incidentally had just one flight in this case):

★ WEITESTER FLUG ★



498,69 km
von [Frank Krämer](#)

geflogen mit [DG 505 20m](#) am **17. May** von 10:19 bis 16:20 Uhr (06:01 h)
mit durchschnittlich 85,44 km/h
[\[mehr ...\]](#)

FLÜGE VOM 30. SEPTEMBER

• 135,89 km von [Hartmut Morgenstern](#) geflogen am **30. September** mit [Astir CS Jeans](#) von 10:59 bis 14:25 Uhr (03:26 h) [\[mehr ...\]](#)

The link to the aircraft as well as the image are matched to an image/link table, such that a visitor reaches the aircraft details when clicked.

Users manual

This extension is meant to be used for aviation clubs and therefore its output is limited to one club at a time only. The data is taken from <http://www.onlinecontest.org>. If your aviation club has no flights registered there, then this plugin is unfortunately not for you.

Which flights are shown in the frontend?

The output, which is rendered in the frontend, comprises of two parts:

1. **Best flight (optional):** The best flight of the current year in terms of distance.
2. **Flight list:** Configurable list of flights, e.g. all from the last n days.

Both are limited to one aviation club.

Prerequisites

To use the plugin, you need to find out your aviation club's ID at OLC.

That can be easily obtained by visiting <http://onlinecontest.org> and navigating to the page where your club's statistics are shown. The URL of the page could be similar to

<http://www.onlinecontest.org/olc-2.0/gliding/flightsOfClub.html?cc=1677&st=olcp&rt=olc&c=DE&sc=th&sp=2012>

Where the club ID is "1677" here. This identifier is needed in the template setup later.

Usage

At first let your admin go through the configuration as explained in the other chapter, or this extension won't work. An extension template needs to be created, which sets the club ID and country ID mentioned before. Then come back here.

When the configuration is completed, you may add the plugin to a page (which reaches the template setup, of course). Everything from here is easy now.

The flexform options in the backend are:

Edit Page Content on page "mb_olc_flights"

General Plugin Appearance Access Behaviour

Selected Plugin

? OLC Flights

Plugin Options

General Settings

Show best

☒

Number of days back

100

Only last day

☐

Maximum number of flights

10

- **Show Best:** if selected, the current year's best flight (largest distance) is rendered.
- **Number of Days back:** if > 0 , then the flight list will contain only those flights which were conducted at most that much days back from today. Mutual exclusive with "only last day".
- **Only Last Day:** if selected, then the flight list contains all flights from the last active competition day. Mutual exclusive with "number of days back".
- **Limit:** In all cases, if > 0 , then the number of flights in the list is limited to that much entries.

Languages

Currently we support the following languages:

- German,
- English.

Feel free to submit translations at http://forge.typo3.org/projects/extension-mb_olc_flights.

FAQ

When does the plugin update the flight data?

That depends. It is defined by the cache settings of the page, which contains the plugin. That is, if you want to refresh the flights once a day, your page has to invalidate its cache once a day

Administration

Remark

This extension does not use any tables, instead it leverages TYPO3's caching framework. Fetching and parsing the flight statistics from OLC takes some fair amount of time, which is why the caching is essential here. Remember that clearing the cache requires to re-fetch the OLC data again, which makes the page including the plugin slow.

The cache settings of the page define the update rate of the plugin, that is, if you select the cache to expire once a day, this plugin will fetch OLC statistics once a day.

Installation

1. Install the extension from TER.
2. In the rootline of the pages containing this plugin, an extension template is required, that defines your aviation club ID, country and so on. More details are given in the subsequent section.
3. Add the plugin to the page(s) where needed.

Configuration

This chapter describes the installation, TypoScript setup options in templates and the basic configuration options. It is required to be completed, otherwise the extension can't work.

Template Setup

For this extension a template setup is required. It defines the ID of your aviation club, as well as country, type of OLC statistics and optionally an aircraft mapping. See section "prerequisites" how to obtain these.

1. Create a new extension template, the easiest way is to create it at some place and include it in your root page.
2. If you want to use the shipped CSS styles, add the static template "OLC Flights default CSS" to the inclusion list of this new template.
3. Add the setup to the setup field in the template (see figure)
TODO

Example Setup

```
plugin.tx_mbolcflights_pil {
    # club ID
    club = 1677

    # country
    country = DE

    # type \in {olc-league, olcp}
    olctype = olcp

    # custom HTML template relative to PATH_site
    # template=fileadmin/olc_flights_template.html
}
```

This is a minimal setup. It defines your aviation club to be "Aeroclub Frankenhausen" (club ID=1677), and your country to be Germany (country=DE). Furthermore the chosen type of OLC statistics is "OLC plus" here (olctype=olcp).

The line `template=...` is only necessary, if you don't like the default HTML template. In this case, to customize the appearance in the frontend, point to a local HTML template here. You may copy `res/template.html` from the extension's folder and modify it according to your needs.

The Aircraft Mapping

This extension comes with a sophisticated feature, which permits to add links to the aircrafts and also images of them in the frontend via a so-called "aircraft mapping". For example, with the setup below, if a flight was conducted with a "Jeans Astir" glider, then the aircraft's name is linked to `fileadmin/astir.html` (which may contain technical data of the aircraft), and the template marker `###AC_LINK_PIC###` is replaced with the picture `fileadmin/astir.jpg` of the aircraft.

To define such a mapping, add something like below to your template setup:

```
#mapping of A/C names to links and images
plugin.tx_mbolcflights_pil {
    ac_mapping {
        astir1 {
            name = astir
            link = fileadmin/astir.html
            img = fileadmin/astir.jpg
        }
    }
}
```

```

dg505 {
    name = DG 505
    link = http://my-aviation-club.org/aircraft.html#dg505
}
ls4 {
    name = LS 4
    # links to index.php?id=64#here
    link = 64,here
    img = fileadmin/ls4.jpg
}
default {
    # this is applied when no other fits
    name = default
    img = fileadmin/nopic.jpg
}
}
}

```

The elements within “ac_mapping”, as “astir1” can be named freely. Each represents one aircraft. Within these, there exist three properties:

name: A string holding the aircraft's name. This string is similarity-matched against the OLC statistics. E.g. “Astir” is similar enough to be assigned to “Astir CS”. The aircraft with the highest similarity is matched.

img: if the name is matched, then this picture is taken to fill the marker `###AC_LINK_PIC###`. The name “default” is reserved. If you add an aircraft with this name, then the according image and link are assigned, in case no other name is matched. If no default is given, then no image or link will appear.

link: if the name is matched, then it is linked to this page. The page can be either a valid URL, or a TYPO3 page, identified by its ID and optionally an anchor within that page. The syntax is `<pid[,anchorname]>`.

Typoscript Reference

Property:	Data type:	Description:	Default:
ac_mapping	array	Defines the aircraft mapping, see section “The Aircraft Mapping”.	(empty).
club	integer	The OLC identifier of your aviation club. Required.	(empty).
country	string	The OLC identifier of your country.	DE
img_maxw	integer	Aircraft image maximum width.	(empty)
img_maxh	integer	Aircraft image maximum height.	(empty)
olctype	string	Selects the type of OLC statistics that is shown. Syntax: <code>[olcp] [olc-league]</code>	olcp
olc_baseurl	string	The base URL of the OLC statistics. Usually not required to be set, except if it changes one day.	http://www.onlinecontest.org/olc-2.0/gliding
template	string	A valid relative file path to a custom HTML template. If set, this template is used to render the plugin output, instead of the default one.	EXT:mb_olc_flights/res/template.html

HTML Template

You can use your own HTML template by pointing to it in the TS setup, see previous section. The template is scanned for the following subparts:

- **LISTVIEW:** currently the only view that we have.

For a better understanding, have a look at the shipped template in `res/template.html`.

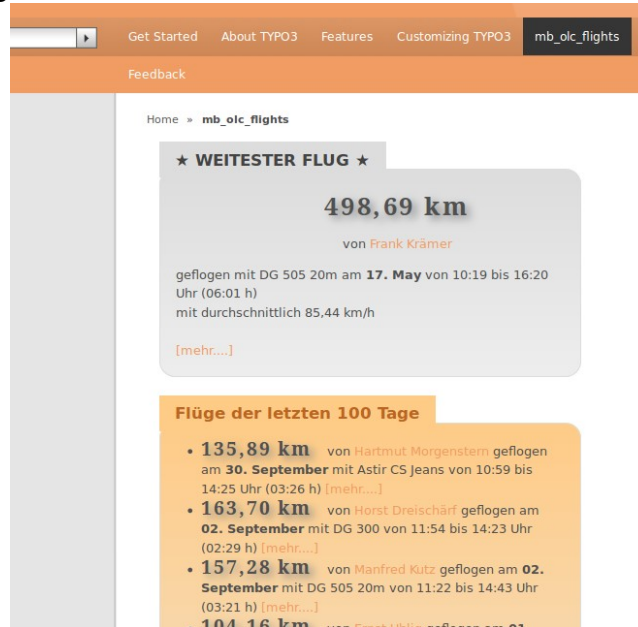
The List View

This subpart is rendered when the plugin is called in list view. The following markers are supported:

Marker:	Description:
###TIME_START###	When the flight began.
###TIME_END###	When the flight ended.
###DURATION###	The duration of the flight in the format "hh:mm".
###DATE###	The date of the flight.
###NAME###	The name of the pilot.
###LINK###	Link to the OLC flight data (route, legs etc.).
###AC_LINK_TXT###	If aircraft mapping has been configured, then this is replaced with a link to the aircraft's details. Otherwise it is replaced by the aircraft's name.
###AC_LINK_PIC###	Only nonempty, if aircraft mapping has been configured. Then this is replaced by an image of the aircraft, wrapped in a link to the detail page.
###TITLE_LIST###	This is replaced with the title of the flight list. Depending on the type of list that was chosen, this could be "Flights in the last ... days" or "Flights from <date>..."
###SPEED###	The average speed in km/h.
###DISTANCE###	The traveled distance.

Tutorial

This chapter describes briefly how to configure the plugin to show the output as seen in the following figure:



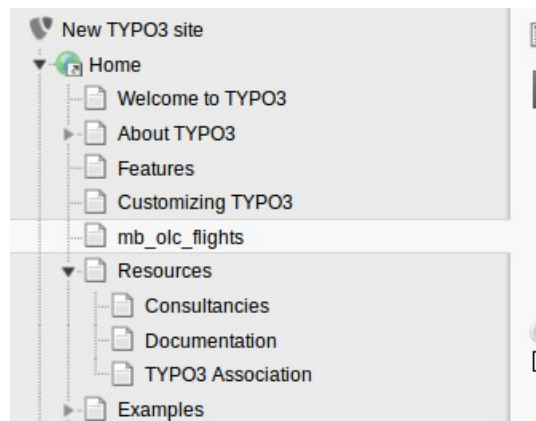
We will use the shipped CSS to get some result like that and omit an aircraft mapping. That is, images and links to aircraft are not included here, for the sake of simplicity. Read up in the previous section how to add them.

Installation

Install the extension “mb_olc_flights” via the Extension Manager. No tables are created.

Configuration

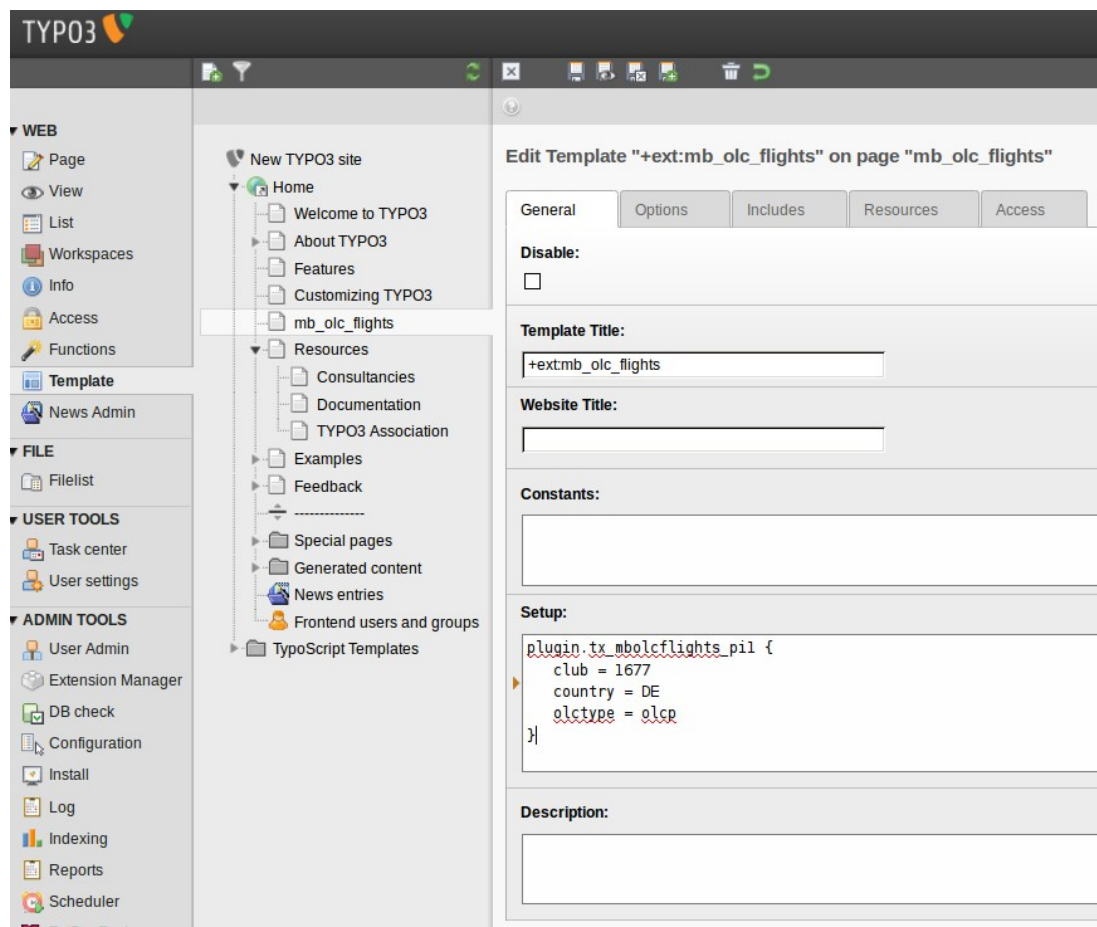
1. Create a new page “mb_olc_flights” in “Home” like shown in the following picture:



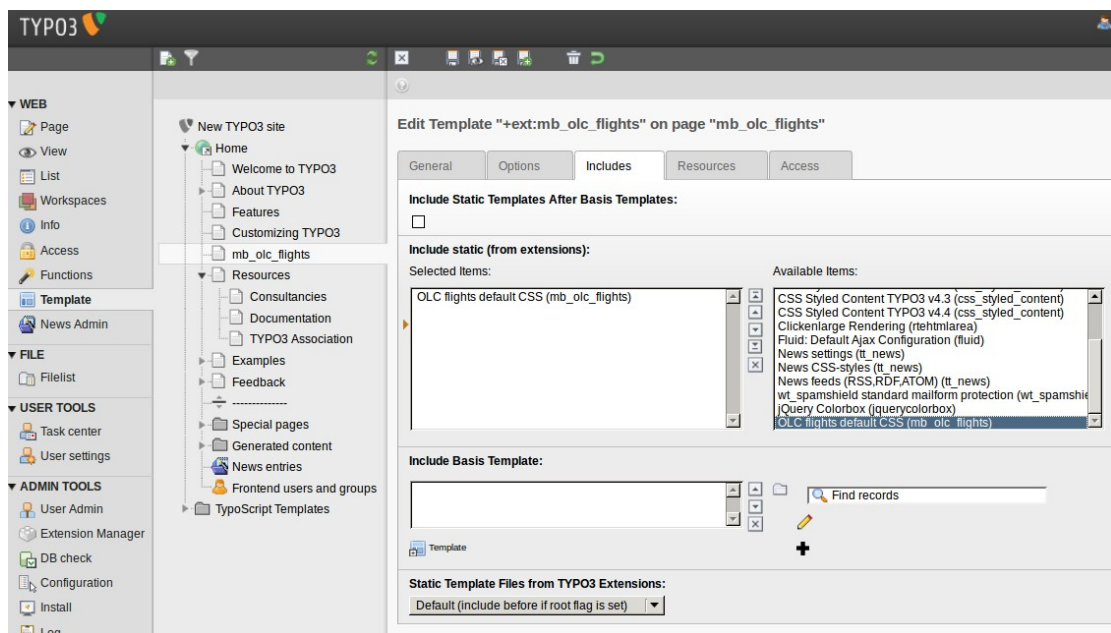
- create a new extension template in "Home" → "mb_olc_flights" and insert the following setup:

```
plugin.tx_mbolcflights_pil {
    club = 1677
    country = DE
    olctype = olcp
}
```

You have to replace "1677" by the OLC ID of your aviation club, which can be obtained as described in 4. The result should look like this:



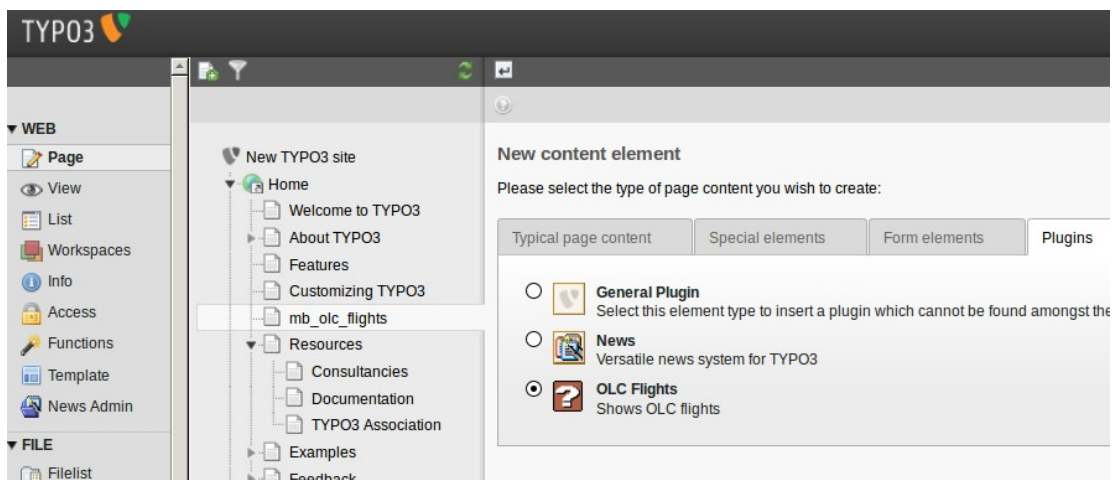
- Change to the tab "Includes" and select "OLC flights default CSS" to add CSS styles.



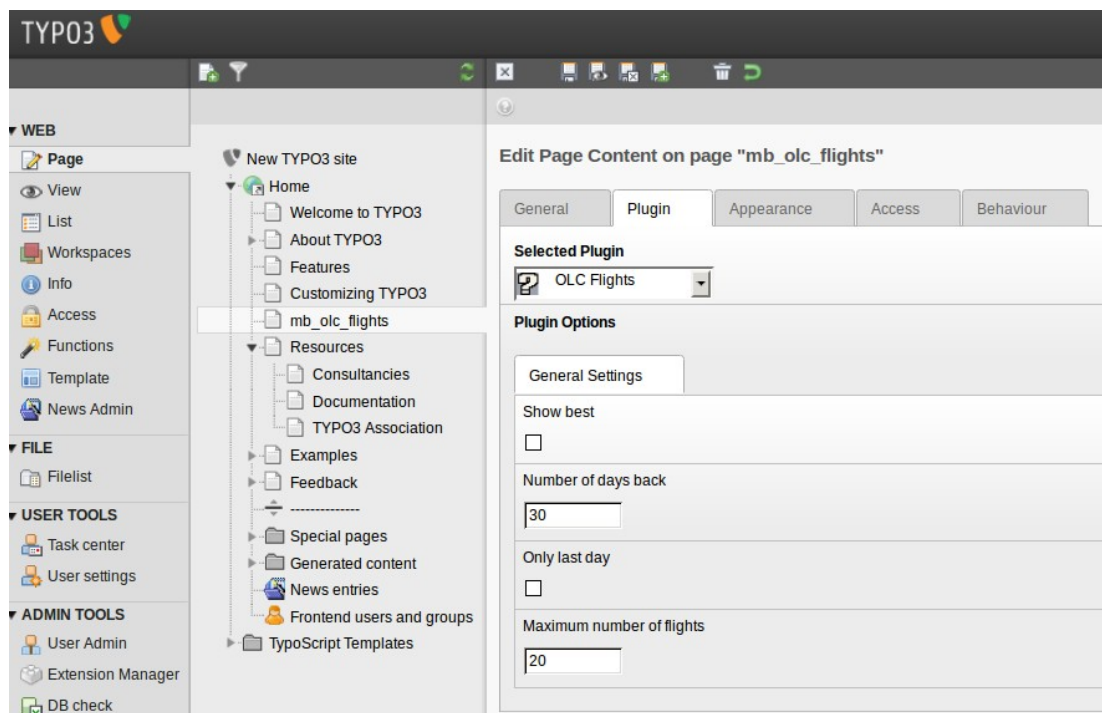
4. Save and close the template.

Adding the Plugin to a Page

1. Change to the module "Page"
2. Add a new content element of category "Plugins" of type "OLC Flights":



3. Change to the tab "plugin" and you will see the following flexform:



4. Check "show best" and increase "number of days back" to 100.
5. Save and view the page. The result should be as expected. If you don't see any flights, then probably your aviation club has none registered at OLC.

Known Problems

The extension just started out. There was only little testing, therefore bugs are expected. Nevertheless, currently none is known.

The functionality is very limited yet; feel free to propose extensions of your daily needs, as well as bugs to me at:

http://forge.typo3.org/projects/extension-mb_olc_flights

To-Do List

- **Add per-pilot display type:** If a pilot's name is clicked, instead of forwarding to OLC, forward to an internal page with this plugin in “pilot” mode, listing all of his/her flights.
- Localize comma

This extension should become much more flexible. Perhaps a database table can be added some day, to do more magic with the statistics (a flight calendar, yearly summary, detail page per pilot etc.).

http://forge.typo3.org/projects/extension-mb_olc_flights

Acknowledgement

This extension uses the package 'simple_html_dom' from S.C. Chen, John Schlick and Rus Carroll, <http://sourceforge.net/projects/simplehtmldom>.

Changelog

Of the extension:

Version:	Changes:
0.1.0	Initial version.
0.1.1	Added icons, fixed manual.