EXT:Booking Extension

Extension Key: ab_booking

Language: en

Keywords: booking, flat, room, hotel

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from www.typo3.org

Table of Contents

Introduction

What does it do?

– This extension provides a very basic booking tool and may be used e.g. as flat booking system for a small set of rooms. It should be easily adapted to rent other things on a per day basis.

– A calendar view shows vacant and booked dates. Vacant days may be selected and a booking form is shown. After sending the booking form, the client and you will receive a confirmation. The booking will be entered automaticallly in the calendar.

– Multiple seasons are possible.

Screenshots

– All details of the products and prices are kept in a sysfolder (e.g. "ab_booking" in the example). This is also the place where the bookings are stored.

– The example shown in the following screenshots is a demo system at http://ab_booking.bigga.de. This small demo guesthouse offers five different rooms ("Zimmer 1" to "Zimmer 5").
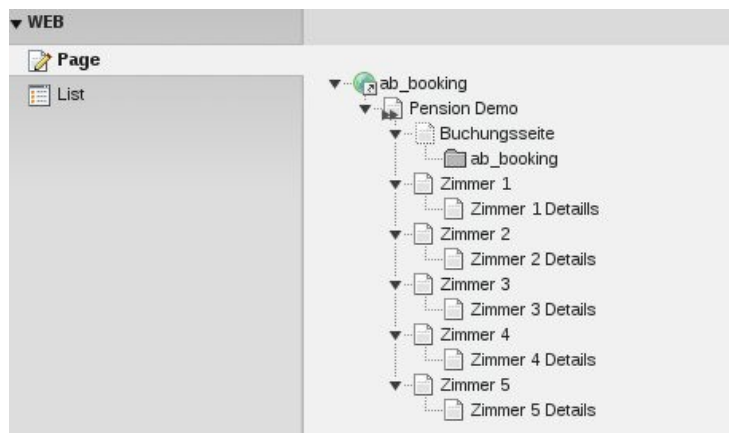

figure 1: Backend Example Structure

– For every room exists a long description page (e.g. "Zimmer 1") and a short description page (e.g. "Zimmer 1 kurz"). The last one is used in the availability list view.

– In the Calendar view you configure a view of the following months in rows and or columns. In the screen-

figure 2: Calendar View

	Produkt Eigenschaften (6) ⊞							[Ref.]	[Lokalisierung]	Lokalisieren:
	Titel									
	Doppelzimmer groß	🖉	ⓘ		💡 🗑		⧉ ✂	1	Standard	
	Double Room Big	🖉	ⓘ		💡 🗑				🇬🇧 English	
	Doppelzimmer klein	🖉	ⓘ		💡 🗑		⧉ ✂	1	Standard	
	Double Room Small	🖉	ⓘ		💡 🗑				🇬🇧 English	
	Einzelzimmer	🖉	ⓘ		💡 🗑		⧉ ✂	1	Standard	
	Single Room	🖉	ⓘ		💡 🗑				🇬🇧 English	
	Schliesszeit	🖉	ⓘ		💡 🗑		⧉ ✂		Standard	
	Zimmer 4	🖉	ⓘ		💡 🗑		⧉ ✂	1	Standard	
	Room No. 4	🖉	ⓘ		💡 🗑				🇬🇧 English	
	Zimmer 5	🖉	ⓘ		💡 🗑		⧉ ✂	1	Standard	
	Room No. 5	🖉	ⓘ		💡 🗑				🇬🇧 English	

	Produkt Preis (6) ⊞							[Ref.]	[Lokalisierung]	Lokalisieren:
	Titel									
	EZ Standard	🖉	ⓘ		💡 🗑		⧉ ✂	2	Standard	
	Single Room Default Rate	🖉	ⓘ		💡 🗑				🇬🇧 English	
	DZ klein	🖉	ⓘ		💡 🗑		⧉ ✂	2	Standard	
	Double Small	🖉	ⓘ		💡 🗑				🇬🇧 English	
	EZ Standard Hochsaison	🖉	ⓘ		💡 🗑		⧉ ✂	1	Standard	
	DZ klein Hochsaison	🖉	ⓘ		💡 🗑		⧉ ✂	1	Standard	
	DZ groß	🖉	ⓘ		💡 🗑		⧉ ✂	3	Standard	
	DZ groß	🖉	ⓘ		💡 🗑		⧉ ✂		Standard	

	Saison (2) ⊞							[Ref.]	[Lokalisierung]	Lokalisieren:
	Bezeichnung									
	Pfingsten 2011	🖉	ⓘ		📑 ▼ 💡 🗑		⧉ ✂	3	Standard	
	Standard Saison	🖉	ⓘ		📑 ▲ 💡 🗑		⧉ ✂	2	Standard	

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shot you see two months in two rows and one column.

– It is possible to assign multiple "prices" to every product. Seasons may be defined and assigned to every price. **You have to create at least one season** ("standard rate") and assign it to every price.

– The Availability Check checks all given products for availability.

figure 4: Availability Check Form

– If rooms are available, the result is shown with the content of the short description page. The short description is only shown if you selected in the product properties settings a page for "UID details".

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We may offer the following items:
Thursday, 09.06.2011 - Saturday, 11.06.2011

Number of Nights: 2
Number of Persons: 2

Single Room available

Short description of this room: **Single Room, Shared Bathroom, this and that**

1 Night, Single Room Default Rate, 1 Person **Thu 09/06/2011 - Fri 10/06/2011**	1 x 66,00 €
1 Night, EZ Standard Hochsaison, 1 Person **Fri 10/06/2011 - Sat 11/06/2011**	1 x 70,00 €
Room Cleaning	25,00 €
Total (incl. VAT):	**161,00 €**

Mon	Tue	Wed	Thu	Fri	Sat	Sun
06	07	08	09	10	11	12

Book Now Online

Double Room Small available

Short description of this room: **small Double room with private bathroom and balcony**

2 Nights, Double Small, 2 Persons **Thu 09/06/2011 - Sat 11/06/2011**	2 x 76,00 €
Room Cleaning	25,00 €
Total (incl. VAT):	**177,00 €**

figure 5: List of Available Rooms with Description

– If you select a vacant date on the calendar view or an item in the availability view, you reach the booking form.

figure 6: Booking Form with Hints in an Additional Column

Users manual

– Just install ab_booking and the optional ab_swiftmailer and date2cal extensions.

– Create a Sysfolder ("ab_booking) and add new records to it. Start with a "**Product Prices**" and then a "**Product Properties**". Each product requires at least one associated price.

– Create at least one "**Season"** (see figure 8) and assign it to the prices. You may created seasons with start and stopdates.

– If multiple prices are valid for a day, the price on top will be choosen.

– You may add a special product ("closing times") with all details set to zero. The price don't care. You can use this "product" to lock the whole booking system for certain dates.

– Create for each product a page in your tree. Add another page, which may be used as short description. Insert the Booking Calendar plugin and select a view (e.g. Calendar) for one or more Product Ids (e.g. "Zimmer 1" and "Schliesszeiten").

– **Important**: Select the PID of the Sysfolder ("ab_booking") as StoragePID in each plugin! **Note**: You may set the StoragePID by adding it to the General Record Storage Page in your page settings (see "Configuration" below).

– Create an "Booking Page" where people enter their personal data and submit the booking form. On this page you add again the Booking Calendar plugin but with the "BOOKING" view. Go to the Booking-tab and enter your message you will send as email-confirmation to your clients.
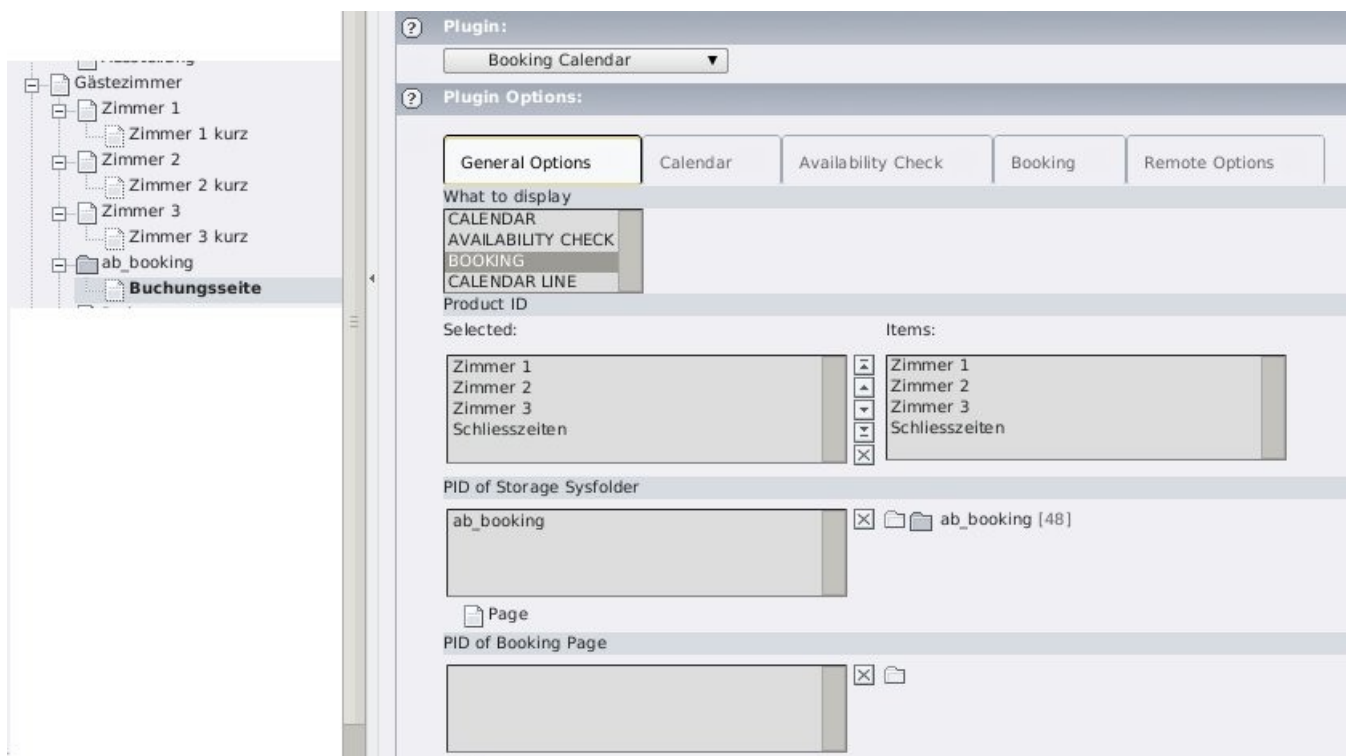

figure 7: Plugin Settings in Flexform

– Up to TYPO3 4.4.x it is possible to use **ab_swiftmailer** to send the confirmation mail via the global settings of it. If you don't use it, you have to enter your name and email-address in the Booking-tab. As of TYPO3 4.5.x the swiftmailer is included into TYPO3. I'm using the following settings in my localconf.php:

```
$TYPO3_CONF_VARS['MAIL']['transport'] = 'smtp';
$TYPO3_CONF_VARS['MAIL']['transport_smtp_server'] = 'mail.bytecamp.net:25';
$TYPO3_CONF_VARS['MAIL']['transport_smtp_encrypt'] = '0';
$TYPO3_CONF_VARS['MAIL']['transport_smtp_username'] = 'EMAIL_USERNAME';
$TYPO3_CONF_VARS['MAIL']['transport_smtp_password'] = 'EMAIL_PASSWORD';
$TYPO3_CONF_VARS['MAIL']['defaultMailFromAddress'] = 'linux@bigga.de';
$TYPO3_CONF_VARS['MAIL']['defaultMailFromName'] = 'Alexander Bigga';
```

– If you want to use the **language overlay feature**, don't forget to add the config.sys_lanugage_mode and config_sys_language_overlay settings to your template (see Configuration)

– More details and a HowTo will follow. In the meantime have a look at http://ab_booking.bigga.de where

ab_booking is in action. **This is a demo site**. Feel free to play with the extension!

– If you like the small calendar next to the date field, install **date2cal** extension. I tested it with current version 7.3.1.

– I hope, you aren't confused totally now.
  Please mail your question, feature and bug-reports to linux@bigga.de

– ab_booking is on forge now. You may use the bugtracker to report your bugs and feature requests too:
  http://forge.typo3.org/projects/extension-ab_booking/issues

– Have a look at the backend login at http://ab_booking.bigga.de/login. Username is "abbooking", password is "demo". You can't change anything but you can follow the setup easily.

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Peak Season												■							■												
High Season							■	■	■	■	■	■	■												■	■	■	■			
Default Season	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Resulting Season	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

figure 8: Example Seasons Ordering

Administration

– TBD

FAQ

– TBD

Configuration

– To add a CSS style to the extension you may select "Default CSS ab_booking" as static template file in your template. This default CSS may be overwritten using TypoScript.

– You may enable logging of availability requests after installation of ab_booking in the Extension-Manger -> ab_booking -> Enable features -> enableDebug and DebugLogFile. Please check if the directory of the given path already exists.

Reference

Property:	Data type:	Description:	Default:
PIDstorage	Int	Set storage PID of ab_booking sysfolder. This may also be set in the plugin-configuration or in the site-settings (Options->General Record Storage page). **Example:** plugin.tx_abbooking_pi1.PIDstorage = 15	
showPriceDetails	boolean	Show detailed description of seasons and prices	1
dateFormat	string	Overwrite the default dateFormat settings in the small calendar. If you use date2cal: please note that the "%x" format doesn't work unfortunately. **Example:** config.language = de plugin.tx_abbooking_pi1.dateFormat = %d.%m.%y [globalVar = GP:L = 1] config.language = en plugin.tx_abbooking_pi1.dateFormat = %d/%m/%y [global]	%d.%m.%Y for config.language = de %d/%m/%Y for config.language = en %Y-%m-%d for all other settings

[tsref:plugin.tx_abbooking_pi1]

Property:	Data type:	Description:	Default:
cssBooking	string	Set custom CSS file. **Example:** plugin.tx_abbooking_pi1.file.cssBooking = fileadmin/templates/cssBookingExample.css	EXT:res/cssBooking.css

[tsref:plugin.tx_abbooking_pi1.file]

Examples

If you want to change the default text used in the formulars or in the availability list, add the following TypoScript to your template:

```
plugin.tx_abbooking_pi1 {
  _LOCAL_LANG {
    de {
      we_may_offer = was für eine blöde Überschrift:
      discount = Rabatt
      specialComponent1 = Endreinigungspauschale
```

```
    }
    en {
      we_may_offer = what a stupid headline:
      discount = Discount
      specialComponent1 = Room Cleaning
    }
  }
}
```

This overwrites the label "we_may_offer" which is used in the availability list. All other labels are in the language file EXT:ab_booking/pi1/locallang.xml.

If you want to use multiple languages you have to enable the language overlay mode and you have to add translations for products and prices.


```
config {
  sys_language_mode = content_fallback
  sys_language_overlay = 1
}
```

Known problems

To-Do list

–   Add support for more "business models" (e.g. weekend prices, final cleaning, special taxes...)

–   Add categories

–   Add support for multiple items of the same category

–   Evaluate the web accessibility

ChangeLog

- 0.4.5
  - new feature: setting the dateFormat via TypoScript
  - new feature: setting minimum stay period and "Block Days after Booking" to prices properties (feature #26976)

- 0.4.4
  - bugfix: #27093, #13892
  - multilanguage support for prices and products titles
  - limited support to TYPO3 4.5.x and 4.4.x

- 0.4.3
  - bugfix: no bookings are possible now, if no rate is present for a given period
  - changes of the css style (especially request form)

- 0.4.2
  - bugfix: check availability again in step 2 to avoid bookings of unavailable periods
  - setup new demo site http://ab_booking.bigga.de

- 0.4.0
  - new feature: seasonal prices possible

- 0.3.7
  - bugfix of serveral PHP warnings (Thanks to Stefan Lembke for pointing this out!)
  - bugfix in email sending (Thanks to Ecsedi Adrienn for pointing this out!)

- 0.3.6
  - bugfix usage of setting the StoragePID (no number of persons was shown)
  - added currency field in product_prices table
  - added "progress bar" for the three booking steps (enter – check - finished)

- 0.3.4
  - Flexform reworked, StoragePID added
  - preview release before 0.4.0; some features don't work yet

- 0.3.3
  - minor bugfixes

- 0.3.2
  - Replace a backend-function call with an own one to fix a problem with Typo3 4.1.x

- 0.3.1
  - Fix some PHP warnings
  - make ab_swiftmailer optional but recommended

- 0.3.0
  - Add single line list mode as calendar view
  - replace support for rlmp_dateselect with date2cal
  - make date2cal optional

- 0.2.3
  - Add support for custom CSS file
  - Add debug flag and make logging depending on this flag

- 0.2.2
  - Fix some PHP warnings

- 0.2.1
  - Multilanguage support for detailed description in availability list mode

- 0.2.0
  - Now availability check is possible over multiple rooms
  - First documentation added