



Booking & Reservations

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Booking

ARTIO

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Abstract

User documentation for ARTIO Booking & Reservations (Book-it!) component for CMS Joomla!. This document describes the component requirements, installation and usage. All main component parts are described in more details, including illustration images and examples. It specifies server and browser requirements and information about environment constraints. The documentation is helpful for both web developers and website administrators / owners.

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Chapter 1. Introduction

Booking and Reservations (Book-it!) is an universal Joomla! component for online reservations. No matter what kind of service you are running or what you want to book. You can create any object with any number of parameters and manage its reservations schedule and prices. All using a user-friendly environment of the Joomla backend. Objects can be organized into hierarchy, so you can even manage multiple facilities consisting of many bookable units. E.g. you can manage several hotels with multiple rooms, multiple bowling, squash or other sport facility centers with several grounds. The system also offers object capacities, variable-length reservations, combination of different reservations, bookable extras and many more.

1.1. Technical Requirements

1.1.1. Server Requirements

The component is compatible and has been tested with:

- Joomla! versions 1.5, 1.6, 1.7 and 2.5
- webserver (Apache2 or IIS) running PHP 5.1 or newer
- MySQL 5.0 or newer

Please note: Proper functionality may not be guaranteed with PHP 4. The component does not work with Joomla! 1.0.

If your Joomla! includes custom core patches or 3rd party extensions modifying the default Joomla functionality, proper functionality may not be guaranteed as well.

1.1.2. JavaScript Framework Requirements

Book-it! uses Mootools JavaScript framework. With Joomla! 1.5, Mootools 1.12 is required; with Joomla! 1.6 and newer Mootools 1.3 is required. When using different versions of Mootools framework, proper functionality may not be guaranteed. Booking 1.3 automatically update MooTools to 1.2 with Joomla 1.5.

Please note, that you can not use JQuery and Mootools JavaScript frameworks at the same without special adjustment. There may exist a collision between these frameworks that needs to be resolved. JQuery should run in non-conflict mode.

Also note, the JavaScripts as well as CSS (Cascading Style Sheets) are usually cached by web browsers. When developing the component make sure to clean browser cache regularly as it may keep outdated versions of JS and CSS files. In most browsers you can use CTRL+F5 shortcut to force the full reload.

1.1.3. Database Requirements

Important: When running Book-it!, the database user Joomla is using must have permission to create tables and add and modify table columns. Book-it creates new database table each time a new object template is created (not only on installation).

1.2. Browser Compatibility

The component has been tested on Internet Explorer 8 and 7, Opera 11.10, Mozilla Firefox 9. Compatibility with Internet Explorer 6 or older is not supported.

Chapter 2. Installation

2.1. Prerequisites

Before installing ARTIO Booking, you need to have:

1. Joomla 1.5.x, 1.6.x, 1.7.x or 2.5.x installed

Make sure that all the needed directories (as requested by Joomla!) are writeable.

2.2. Installation

The component is installed through Joomla standard installer in backend: Extensions → Install/Uninstall

The installation package contains all needed support libraries, so the size of installation pack is about 2 MB. Some hostings maybe have the size of uploaded files limited, In such case it may be necessary to increase this limit or upload the files using FTP.

Please, watch for any error messages generated during installation. If any error appears, the installation might not have been completed correctly.

Please note that after uninstall, component database is not deleted. So, if you install sample data again, they are duplicated. If you want really clean reinstall, delete all database tables starting with (JoomlaPrefix)_booking_.

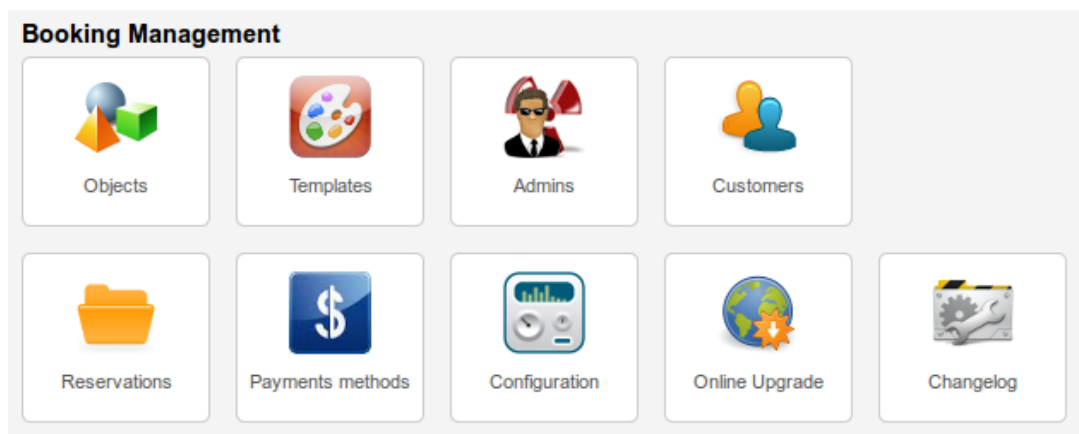
Chapter 3. Concepts

Chapter 4. Administration (backend)

4.1. Control Panel

All component parts are full accesible from Joomla backend. Control panel is interface to open all main component parts. Every main part is described in detail in following sections.

Figure 4.1. Control Panel

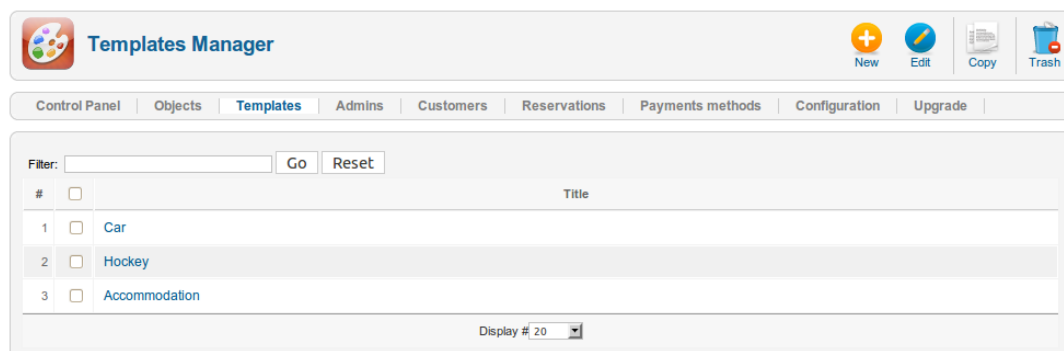


4.2. Templates

The basic template in which you set the attributes, depending on what object you will create. That can be basic attributes such as name or description, but also properties that are characteristic for certain type of object (field size, number of players,...) The types of attributes are standard, as you know it from web forms (Text box, Text area, Select box, Radio button and Check box). In addition to the name and the type you can still assign a style icon to the attribute and choose, if the attribute can be used for searching and filtering. The last thing you can set to the template is, what kinds of calendars to be displayed to customer and which one is the default.

Templates settings is available in component administration on bookmark templates.

Figure 4.2. Template List



For templates are available basic tools new/edit/copy/trash. This tools are available in main toolbar. On clicking new/edit or click on template name you open editing page. On template editing page you set template name, calendars and properties.

The calendar is a dialogue, through which your customers will determine the time of reservation. Three basic types exists, which differ in both displaying time interval, as well as graphical form. Daily calendar lists possible reservation times for every day separately, and as all calendars shows occupied terms. Weekly calendar's appearance and functionality is very similar to the previous. Shows all days from today until the end of the week. The last, monthly calendar shows all days of the month after a weeks. In contrast to previous two calendars, shows only full day reservations, no hourly. For every calendar you set if is available or not. For one of them you set is default. Default calendar is displayed when customer opens object page for first time. Calendars is choosed according to object character. If you create objects as hotel room or car which are booked for full days you need only monthly calendar. For objects as tennis court or sport hall which are booked for hours you use daily or weekly calendar.

Properties are attributes that belong to the certain template. You can take advantage if you have several objects of the same type (for example: tennis courts). This objects have the same attributes, but their values are different. For example, the hotel will have a number of rooms, in each you will specify the same attributes (number, floor, where is the view, number of beds,...). When you will then create the objects of individual rooms, you can use this template and fill in simply the necessary information. You can have as many templates as you want, so there is not problem to have other for a room and other for an apartment. For each to indicate other information.

Figure 4.3. Template Edit Page

Booking: Template

Save & Close Save Copy Cancel

Details

* Title: Car

Calendars

	Default	Available
Daily calendar	<input type="radio"/>	<input type="checkbox"/>
Monthly calendar	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>
Weekly calendar	<input type="radio"/>	<input type="checkbox"/>

Properties

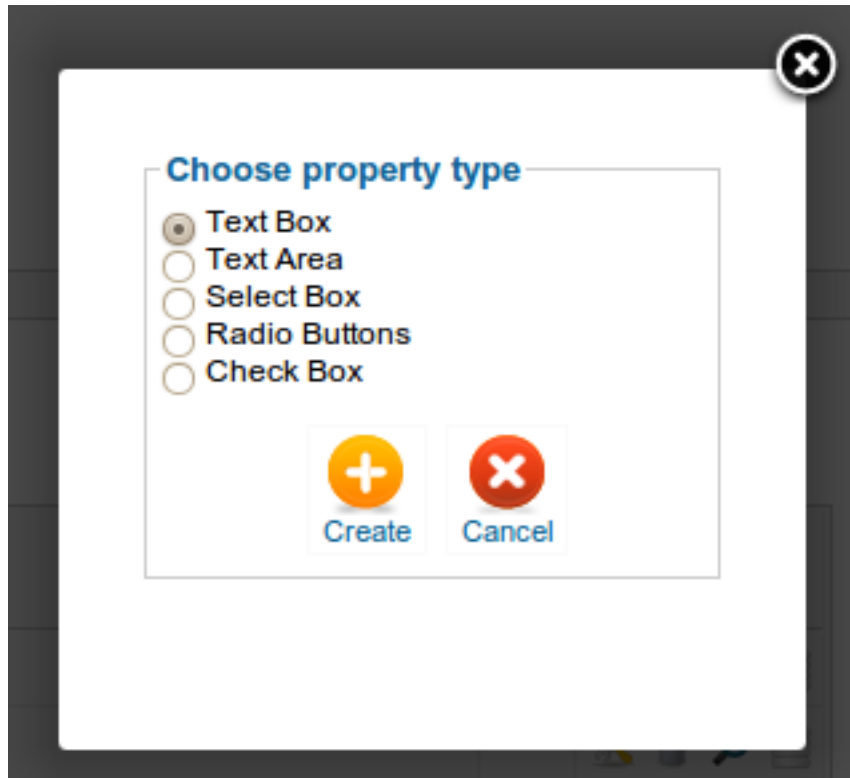
New Delete

Property	Field	Icon	Tools
<input type="checkbox"/> Airbags	<input type="checkbox"/>		✕ 🗑️ 🔍 📄
<input type="checkbox"/> Radio	<input type="checkbox"/>		✕ 🗑️ 🔍 📄
<input type="checkbox"/> Air Conditioning	<input type="checkbox"/>		✕ 🗑️ 🔍 📄
<input type="checkbox"/> Transmission	4-gear man. ▼		✕ 🗑️ 🔍 📄
<input type="checkbox"/> Passengers	1 ▼		✕ 🗑️ 🔍 📄
<input type="checkbox"/> Luggage Compartment			✕ 🗑️ 🔍 📄
<input type="checkbox"/> Classification	Compact ▼		✕ 🗑️ 🔍 📄

Glossary: ✕ Config 🗑️ Trash 🔍 Searchable 📄 Filterable

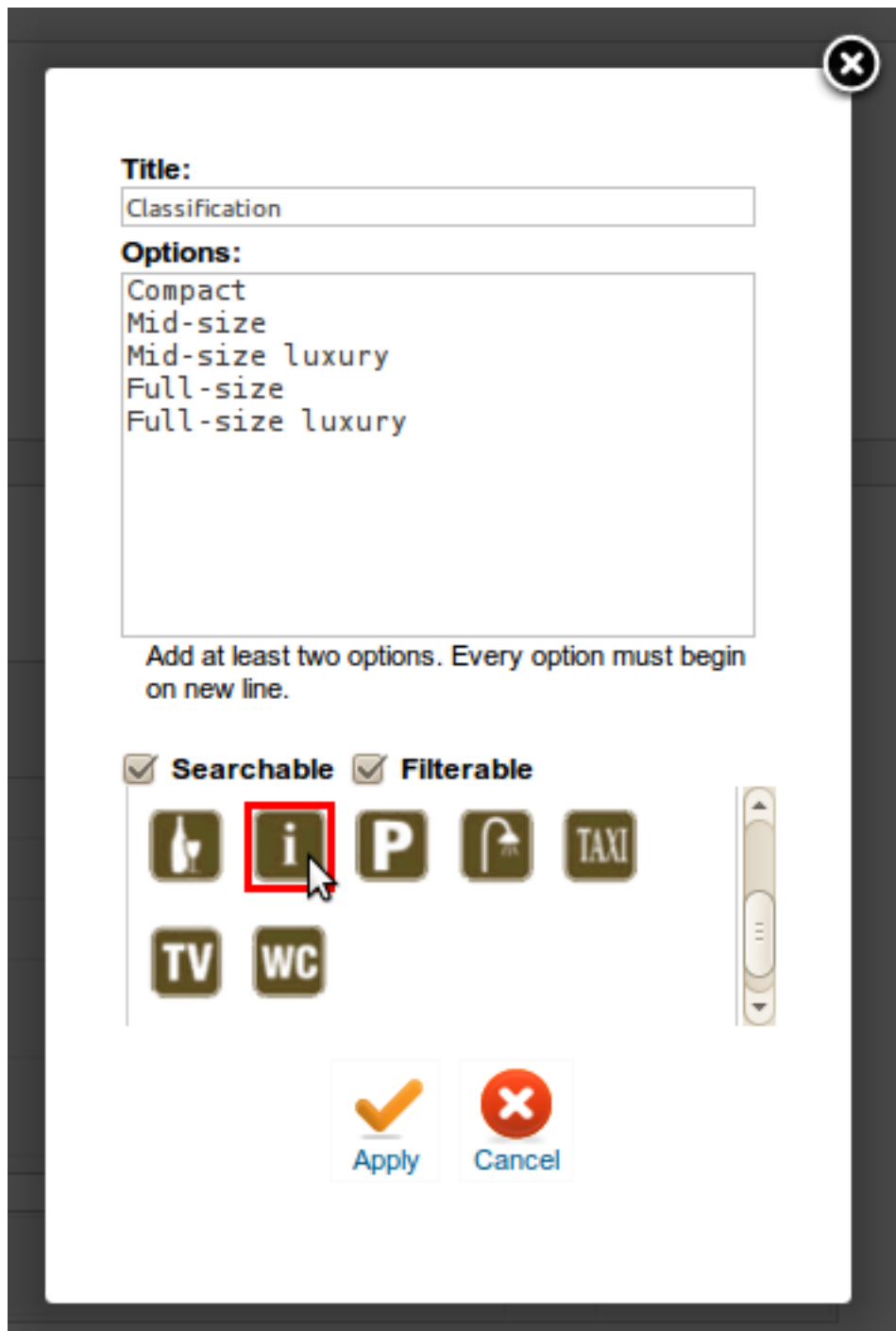
Template properties you set by click on tool new (for new property) or click on tool config (for existing property). During creating new you first set property type.

Figure 4.4. Dialog to Select Property Type



For each property is available following settings. If you use multiple properties, select box/radio button. You must set min. two options. Every option must be on single row. Property must has a title. You can optionally choose an icon and searchable/filterable mark.

Figure 4.5. Dialog to Edit Template Property



The dialog box has a dark grey border with a close button (X) in the top right corner. It contains the following elements:

- Title:** A text input field containing the word "Classification".
- Options:** A text area containing the following text:
Compact
Mid-size
Mid-size luxury
Full-size
Full-size luxury
- Instructions:** A line of text below the options area: "Add at least two options. Every option must begin on new line."
- Searchable and Filterable:** Two checkboxes, both of which are checked.
- Icons:** A collection of icons in a grid. The icons include a wine glass, an information icon (highlighted with a red square and a mouse cursor), a 'P' for parking, an umbrella, 'TAXI', 'TV', and 'WC'. There is a vertical scrollbar to the right of the icons.
- Buttons:** At the bottom, there are two buttons: "Apply" with a yellow checkmark icon and "Cancel" with a red X icon.

4.3. Objects

The object can be almost everything. This is the subject of your business. That could be anything, that you want to allow your customers to book. Whether that are tickets, hotel rooms or cars. The

objects can form a tree structure, which you can select according to your wishes. Of course there is a gallery and descriptive text, which you can also enrich with pictures, graphs and other elements. There is a possibility to set the values of your attributes, which you created in the template. Furthermore reservation types and prices. For more information, read information below.

Objects settings are available in component administration on bookmark objects.

Figure 4.6. The objects backend filtered list

The screenshot displays the 'Objects Manager' interface. At the top, there's a navigation bar with tabs: Control Panel, **Objects**, Templates, Admins, Customers, Reservations, Payments methods, Configuration, and Upgrade. Above the tabs are various action icons: New, Edit, Unarchive, Archive, Publish, Unpublish, Copy, Trash, Restore, and Empty Trash. Below the tabs, there's a filter section with dropdowns for 'select parent' and 'select template', and buttons for 'Go' and 'Reset'. A row of checkboxes allows filtering by status: Public, Registered, Special, and Super. The main table lists objects with columns: #, checkbox, image, Title, Template, State, Order, Access, Hits, and Id. The table shows five entries, all with the 'Car' template. The bottom of the interface includes pagination controls (Display #, Start, Prev, Next, End) and status filters (Pending, Current, Expired, Unpublished, Archived, Trashed).

#			Title	Template	State	Order	Access	Hits	Id
1	<input type="checkbox"/>		Car	Car		1	Public	-	1
2	<input type="checkbox"/>		Škoda Octavia Combi 2,0 TDI	Car		1	Public	3 497	2
3	<input type="checkbox"/>		Škoda Octavia 2,0 TDI	Car		2	Public	620	3
4	<input type="checkbox"/>		Škoda Octavia 1,2 TSI	Car		2	Public	74	4
5	<input type="checkbox"/>		Škoda Superb 1,8 TSI	Car		2	Public	361	5

Objects tree structure is important if you want order objects into categories according to their character. Parent objects are not bookable. They are meant to creating objects categories. Bookable are only last childs of tree structur.

Figure 4.7. The object backend editing page

The screenshot shows the Joomla! Object Manager interface for editing an object titled "Škoda Octavia Combi 2,0 TDI". The interface is divided into several sections:

- Details:** Contains fields for Title, Alias, Template, Parent, Reservation limit, and Files. The Title is "Škoda Octavia Combi 2,0 TDI", Alias is "skoda-octavia-combi-2-tdi-1", and Template is "Car". The Parent is set to "Car" under the "Root" category.
- Published:** Includes a "Published" checkbox (checked), "Publish up" date (2010-12-16 09:49), "Publish down" date, "Total capacity" (2), "Minimum capacity", "Ordering" (1. Škoda Octavia Combi 2,0 TDI), "Access" (Public), "Hits" (526), and "Main image" (a car image).
- Buttons:** "Change", "New", "Rename", and "Delete" buttons are visible near the Template field.
- Form Elements:** "Add" and "Delete" buttons are visible near the Files field.

The simple example details setting for car

Booking of this car is available from 2010-12-16 (see option publish up) to indefinitely (option publish down is empty). Capacity is set as 2. It means there are two cars available. Car is permanent published (see option published) and is displayed to all page visitors (access is public). In objects hierarchy is car added into category Cars.

Object has to have title. Alias is used for creating SEF urls and you cannot fill it. If you let alias field empty then alias is during object saving generated automatically. If object is published you should not change it because SEF url is already indexed by Google. Fields meta keywords and meta description are also used for SEO and you should fill them.

Object has to have one template. You are able to edit template from object editing page. All changes in template what you do by edit object are show in others objects and template too. You can set for object standard Joomla! properties as publish up/down, user access and items ordering.

You can upload and attach files to object. That can be for example user manuals. At each file you can specify if file will be available at object detail and if will be sent along with reservation e-mail to customer.

4.4. Reservation Types

Now we come to the most important part. And this is very flexible reservation system through which each create a timetable which is required. Through Reservation types you choose the way how customer can book the certain object. The main parameter is whether the daily or hourly booking. Daily means that the customer has to book the certain object at least for the full day, hourly then enables the shorter time intervals. The following two parameters apply to the hourly reservation types. It is time unit, alias time interval of reservation. It indicates that customer can book the object for example after 30 minutes. Gap time is a time lag between individual reservations for example used for cleaning. You can set limit restrictions: minimum and maximum length, fixed length and restrictions for week day from which can customer makes reservation.

Figure 4.8. Example of Car Reservation

☐ Use one type

☐ Fix schedule
 ☐ Night booking

Id	* Title	* Type	Description	Limit restrictions	Settings only for hourly reservation types	
					Time * unit [min]	Gap time [min]
<input type="checkbox"/> 1	Daily	Daily	Car is book-able for many whole days. For daily booking haven't sense setting of minimal interval and fixed schedule. There is no limit.	Min. limit <input type="text"/> Max. limit <input type="text"/> Fix. limit <input type="text"/> Fix. from Anyday	<input type="text"/>	<input type="text"/>

Figure 4.9. Example of Hotel Room Reservation (backend)

☐ Use one type

☐ Fix schedule
 ☒ Night booking
 * From 10:00 * To 16:00

Id	* Title	* Type	Description	Limit restrictions	Settings only for hourly reservation types	
					Time * unit [min]	Gap time [min]
<input type="checkbox"/> 1	Daily	Daily	Daily booking of room. For one night is reservation available from 10 AM first day to 4 PM last day. Minimum limit of reservation length is 2 days.	Min. limit 2 Max. limit <input type="text"/> Fix. limit <input type="text"/> Fix. from Anyday	<input type="text"/>	<input type="text"/>

Figure 4.10. Example of Hotel Room Reservatio (frontend)

Click in calendar to end date of your booking.

Check in: 2011-05-05 10:00
Check out: 2011-05-06 16:00

Select check in Select check out Reset

Book It

Prices

☒ Booking per night 15.- EUR

Select month May/2011

May 2011

Week	Mon / Tue	Tue / Wed	Wed / Thu	Thu / Fri	Fri / Sat	Sat / Sun	Sun / Mon
17	25 Apr / 26 Apr	26 Apr / 27 Apr	27 Apr / 28 Apr	28 Apr / 29 Apr	29 Apr / 30 Apr	30 Apr / 01 May	01 May / 02 May
18	02 May / 03 May	03 May / 04 May	04 May / 05 May	05 May / 06 May	06 May / 07 May	07 May / 08 May	08 May / 09 May
19	09 May / 10 May	10 May / 11 May	11 May / 12 May	12 May / 13 May	13 May / 14 May	14 May / 15 May	15 May / 16 May
20	16 May / 17 May	17 May / 18 May	18 May / 19 May	19 May / 20 May	20 May / 21 May	21 May / 22 May	22 May / 23 May
21	23 May / 24 May	24 May / 25 May	25 May / 26 May	26 May / 27 May	27 May / 28 May	28 May / 29 May	29 May / 30 May
22	30 May / 31 May	31 May / 01 Jun	01 Jun / 02 Jun	02 Jun / 03 Jun	03 Jun / 04 Jun	04 Jun / 05 Jun	05 Jun / 06 Jun

[Current month](#) [Next month >>](#)

Figure 4.11. Example of Sport Facility Reservation

☐ Use one type Min. interval [min]
☐ Fix schedule
☐ Night booking

Id	* Title	* Type	Description	Limit restrictions	Settings only for hourly reservation types	
					Time * unit [min]	Gap time [min]
<input type="checkbox"/> 1	Hourly	Hourly	Hall is book-able a hour. One hour is 90 minutes. Between hours are 30 minutes pauses. One customer can book 2-4 hours.	Min. limit <input type="text" value="2"/> Max. limit <input type="text" value="4"/> Fix. limit <input type="text"/> Fix. from <input type="text" value="Anyday"/>	<input type="text" value="90"/>	<input type="text" value="30"/>

Figure 4.12. Example of booking of room for whole week

☐ Use one type

☐ Fix schedule

☒ Night booking
 * From
☒ * To

Id	* Title	* Type	Description	Limit restrictions	Settings only for hourly reservation types	
					Time * unit [min]	Gap time [min]
<input type="checkbox"/> 1	Daily	Daily	Room is book-able only for whole week from Monday. If we use fixed limit minimum and maximum limit haven't sense.	Min. limit <input type="text"/> Max. limit <input type="text"/> Fix. limit <input type="text" value="7"/> Fix. from <input type="text" value="Monday"/>		

4.5. Prices

The most important feature of reservation is undoubtedly its prices. For definition you have to specify the following parameters. The actual price, deposit, which will be returned to the customer, reservation type, that we selected in the previous flag and dates from when to when is price valid. You can specify other parameters for reservation type hourly. Of course there are the times between which the object can be booked. The reservation units are calculated among this time, according to the time unit and the gap time. You can also modify in which days of the week is the price up to date. You can create a whole series of reservation units with different type of reservations. The choice of the date is enabled through the calendar dialogue and hour can be set on the dial for user-friendliness.

The Multiply capacity parameter is used if object has bigger capacity than one. It specifies, whether multiply reservation price and deposit by reserved capacity. For example, if you reserve cars or rooms, setting should be checked (more objects -> more price). If you reserve something where price stays constant no matter of reserved capacity, setting should be unchecked.

Deposit multiply parameter specifies, whether multiple deposit by reserved time units. If not checked, deposit is the same no matter of reserved time.

Figure 4.13. Example of Sport Hall Prices (backend)

☐ Book over timeliness

Id	* Value	Multiply capacity	Deposit	Multiply capacity	Deposit multiply	Time Discount	* Reservation type	Date Range		Time range (only for hourly type)		Days Availability						
								* From	* To	* From	* To	Mon	Tue	Wed	Thu	Fri	Sat	Sun
<input type="checkbox"/> 5	80	<input checked="" type="checkbox"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Per hour (hourly)	2012-03-01	2012-03-31	09:00	18:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 16	100	<input checked="" type="checkbox"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Per hour (hourly)	2012-03-01	2012-03-31	09:00	18:30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Figure 4.14. Example of Sport Hall Prices (frontend)**Book this Hockey now.**[Click in schedule to start date of your booking.](#)Check in: Check out: **Prices**

☒ Per hour (90 min) 80,- EUR 100,- EUR

Select week 18/2011 80,- EUR
Per hour 90 min. for 80,- EUR

Mon 02 May	Tue 03 May	Wed 04 May	Thu 05 May	Fri 06 May
From - to	From - to	From - to	From - to	From - to
09:00 - 10:30	09:00 - 10:30	09:00 - 10:30	09:00 - 10:30	09:00 - 10:30
11:00 - 12:30	11:00 - 12:30	11:00 - 12:30	11:00 - 12:30	11:00 - 12:30
13:00 - 14:30	13:00 - 14:30	13:00 - 14:30	13:00 - 14:30	13:00 - 14:30
15:00 - 16:30	15:00 - 16:30	15:00 - 16:30	15:00 - 16:30	15:00 - 16:30
17:00 - 18:30	17:00 - 18:30	17:00 - 18:30	17:00 - 18:30	17:00 - 18:30

Sat 07 May	Sun 08 May
From - to	From - to
09:00 - 10:30	09:00 - 10:30
11:00 - 12:30	11:00 - 12:30
13:00 - 14:30	13:00 - 14:30
15:00 - 16:30	15:00 - 16:30
17:00 - 18:30	17:00 - 18:30

[Current week](#) [Next week >>](#)

4.6. Reservation Types - Extended Settings

If you have more then one reservation types and each reservation type has different length, you can use optional minimum interval. **With only one reservation type this option is unused.**

In following example we have car-wash where customer can book 30 or 60 minut washing procedure. We need to display 30 minutes boxes in calendar. For this reason we have to set minimum interval length for 30 minutes. When customer wants 30 minutes procedure, then chooses one box. When customer want 60 minutes procedure, in calendar are highlighted always two following boxes for one click. Because car-wash has total capacity 10, we can set display capacity. Now in weekly calendar, in colored price box are displayed currently available capacities. See examples below.

Figure 4.15. Example of two reservation types with different length (backend object detail with total capacity 10)

Details

* Title: Car wash Ostrava

Alias: carwash

Template: Carwash

Parent: Hockey

- Hall 1 - 8900 seats
- Hall 2 - 1120 seats
- Room
 - Single Room No. 3
 - Single Room No. 4
 - Double Room No. 12
 - Double Room No. 11
- Car wash
 - Car wash Ostrava

Reservation limit: ☐ Set reservation limit

Published: ☐ No ☒ Yes

Publish up: 2011-05-01 08:00


Publish down:

Total capacity: 10

Ordering: 5. Car wash Ostrava

Access: Public

Hits: 0 Reset

Main Image: 

Meta keywords: car-wash, cleaning, car-wax, car-service

Meta description: The International Car-wash Association is an indispensable business partner providing relevant information, commerce and best practices to the industry and its members.

Figure 4.16. Example of two reservation types with different lengths (backend object reservation types)

☐ Use one type Min. interval [min] 30 ☒ Display capacity
☐ Fix schedule
☐ Night booking

Id	* Title	* Type	Description	Settings only for hourly reservation types	
				Time * unit [min]	Gap time [min]
<input type="checkbox"/> 16	Quick washing	Hourly	Quick washing for 30 minutes. Only hood and windows cleaning.	30	
<input type="checkbox"/> 17	Extend washing	Hourly	Extend washing for 60 minutes. Hood, window and disks washing with using car wax.	60	

Figure 4.17. Example of two reservation types with different lengths (backend object prices)

Id	* Value	Deposit	* Reservation type	Date Range		Time range (only for hourly type)		Days Availability						
				* From	* To	* From	* To	Mon	Tue	Wed	Thu	Fri	Sat	Sun
<input type="checkbox"/> 17	20		Quick washing (hourly)	2011-05-01	2011-05-31	08:00	13:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 18	50		Extend washing (hourly)	2011-05-01	2011-05-31	08:00	13:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Figure 4.18. Example of two reservation types with different lengths (frontend)

Book this Carwash now.

Click in schedule to end date of your booking.

Check in: 2011-05-04 09:30

Check out: 2011-05-04 10:30

Prices☒ Quick washing (30 min)

20,- EUR

☒ Extend washing (60 min)

50,- EUR

Select week 18/2011 ▾

Mon 02 May

From - to	
08:00 - 08:30	
08:30 - 09:00	
09:00 - 09:30	
09:30 - 10:00	
10:00 - 10:30	
10:30 - 11:00	
11:00 - 11:30	
11:30 - 12:00	
12:00 - 12:30	
12:30 - 13:00	

Tue 03 May

From - to	
08:00 - 08:30	10 10
08:30 - 09:00	10 10
09:00 - 09:30	9 9
09:30 - 10:00	9 9
10:00 - 10:30	10 10
10:30 - 11:00	10 10
11:00 - 11:30	10 10
11:30 - 12:00	10 10
12:00 - 12:30	10 10
12:30 - 13:00	10 10

Wed 04 May

From - to	
08:00 - 08:30	10 10
08:30 - 09:00	10 10
09:00 - 09:30	10 10
09:30 - 10:00	10 10
10:00 - 10:30	10 10
10:30 - 11:00	10 10
11:00 - 11:30	10 10
11:30 - 12:00	10 10
12:00 - 12:30	10 10
12:30 - 13:00	10 10

Thu 05 May

From - to	
08:00 - 08:30	10 10
08:30 - 09:00	10 10
09:00 - 09:30	10 10
09:30 - 10:00	10 10
10:00 - 10:30	10 10
10:30 - 11:00	10 10
11:00 - 11:30	10 10
11:30 - 12:00	10 10
12:00 - 12:30	10 10
12:30 - 13:00	10 10

The fixed shedule you can use, for example, if you use more prices with different time ranges and in calendar every day has different shedule length. And you want every day calendar to have specified length, even if there is no available reservations through whole time. See examples bellow. You have to set minimal interval length and fixed shedule from-to properties. Fixed shedule interval from-to must be wide enough to match all prices time ranges.

Figure 4.19. Example of Fixed Schedule (backend object reservation types)

☐ Use one type Min. interval [min] ☒ Display capacity
☒ Fix schedule * From * To
☐ Night booking

Id	* Title	* Type	Description	Settings only for hourly reservation types	
				Time * unit [min]	Gap time [min]
<input type="checkbox"/> 16	<input type="text" value="Quick washing"/>	Hourly	Quick washing for 30 minutes. Only hood and windows cleaning.	<input type="text" value="30"/>	<input type="text"/>
<input type="checkbox"/> 17	<input type="text" value="Extend washing"/>	Hourly	Extend washing for 60 minutes. Hood, window and disks washing with using car wax.	<input type="text" value="60"/>	<input type="text"/>

Figure 4.20. Example of Fixed Schedule (backend object prices)

Id	* Value	Deposit	* Reservation type	Date Range		Time range (only for hourly type)		Days Availability							
				* From	* To	* From	* To	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
<input type="checkbox"/> 17	<input type="text" value="20"/>	<input type="text"/>	<div>Quick washing (hourly) </div>	<input type="text" value="2011-05-01"/>	<input type="text" value="2011-05-31"/>	<input type="text" value="08:00"/>	<input type="text" value="13:00"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 18	<input type="text" value="50"/>	<input type="text"/>	<div>Extend washing (hourly) </div>	<input type="text" value="2011-05-01"/>	<input type="text" value="2011-05-31"/>	<input type="text" value="08:00"/>	<input type="text" value="13:00"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 19	<input type="text" value="25"/>	<input type="text"/>	<div>Quick washing (hourly) </div>	<input type="text" value="2011-05-01"/>	<input type="text" value="2011-05-31"/>	<input type="text" value="10:00"/>	<input type="text" value="13:00"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 20	<input type="text" value="55"/>	<input type="text"/>	<div>Extend washing (hourly) </div>	<input type="text" value="2011-05-01"/>	<input type="text" value="2011-05-31"/>	<input type="text" value="10:00"/>	<input type="text" value="13:00"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Figure 4.21. Example of Fixed Schedule (frontend)

Prices

☒ Quick washing (30 min)
 20,- EUR
 25,- EUR
 ☒ Extend washing (60 min)
 50,- EUR
 55,- EUR

Select week 18/2011 ▾

Mon 02 May

Tue 03 May

Wed 04 May

Thu 05 May

From - to
08:00 - 08:30
08:30 - 09:00
09:00 - 09:30
09:30 - 10:00
10:00 - 10:30
10:30 - 11:00
11:00 - 11:30
11:30 - 12:00
12:00 - 12:30
12:30 - 13:00

From - to
08:00 - 08:30
08:30 - 09:00
09:00 - 09:30
09:30 - 10:00
10:00 - 10:30
10:30 - 11:00
11:00 - 11:30
11:30 - 12:00
12:00 - 12:30
12:30 - 13:00

From - to
08:00 - 08:30
08:30 - 09:00
09:00 - 09:30
09:30 - 10:00
10:00 - 10:30
10:30 - 11:00
11:00 - 11:30
11:30 - 12:00
12:00 - 12:30
12:30 - 13:00

From - to
08:00 - 08:30
08:30 - 09:00
09:00 - 09:30
09:30 - 10:00
10:00 - 10:30
10:30 - 11:00
11:00 - 11:30
11:30 - 12:00
12:00 - 12:30
12:30 - 13:00

Fri 06 May

Sat 07 May

Sun 08 May

From - to
08:00 - 08:30
08:30 - 09:00
09:00 - 09:30
09:30 - 10:00
10:00 - 10:30
10:30 - 11:00
11:00 - 11:30
11:30 - 12:00
12:00 - 12:30
12:30 - 13:00

From - to
08:00 - 08:30
08:30 - 09:00
09:00 - 09:30
09:30 - 10:00
10:00 - 10:30
10:30 - 11:00
11:00 - 11:30
11:30 - 12:00
12:00 - 12:30
12:30 - 13:00

From - to
08:00 - 08:30
08:30 - 09:00
09:00 - 09:30
09:30 - 10:00
10:00 - 10:30
10:30 - 11:00
11:00 - 11:30
11:30 - 12:00
12:00 - 12:30
12:30 - 13:00

Figure 4.22. An Example of Fixed Schedule (frontend without fixed schedule)**Prices**

☒ Quick washing (30 min) 20,- EUR 25,- EUR
 ☒ Extend washing (60 min) 50,- EUR 55,- EUR

Select week **18/2011**

Mon 02 May	Tue 03 May	Wed 04 May	Thu 05 May
From - to	From - to	From - to	From - to
08:00 - 08:30	08:00 - 08:30 10 10	08:00 - 08:30 10 10	08:00 - 08:30 10 10
08:30 - 09:00	08:30 - 09:00 10 10	08:30 - 09:00 10 10	08:30 - 09:00 10 10
09:00 - 09:30	09:00 - 09:30 9 9	09:00 - 09:30 10 10	09:00 - 09:30 10 10
09:30 - 10:00	09:30 - 10:00 9 9	09:30 - 10:00 10 10	09:30 - 10:00 10 10
10:00 - 10:30	10:00 - 10:30 10 10	10:00 - 10:30 10 10	10:00 - 10:30 10 10
10:30 - 11:00	10:30 - 11:00 10 10	10:30 - 11:00 10 10	10:30 - 11:00 10 10
11:00 - 11:30	11:00 - 11:30 10 10	11:00 - 11:30 10 10	11:00 - 11:30 10 10
11:30 - 12:00	11:30 - 12:00 10 10	11:30 - 12:00 10 10	11:30 - 12:00 10 10
12:00 - 12:30	12:00 - 12:30 10 10	12:00 - 12:30 10 10	12:00 - 12:30 10 10
12:30 - 13:00	12:30 - 13:00 10 10	12:30 - 13:00 10 10	12:30 - 13:00 10 10

Fri 06 May	Sat 07 May	Sun 08 May
From - to	From - to	From - to
08:00 - 08:30 10 10	10:00 - 10:30 10 10	10:00 - 10:30 10 10
08:30 - 09:00 10 10	10:30 - 11:00 10 10	10:30 - 11:00 10 10
09:00 - 09:30 10 10	11:00 - 11:30 10 10	11:00 - 11:30 10 10
09:30 - 10:00 10 10	11:30 - 12:00 10 10	11:30 - 12:00 10 10
10:00 - 10:30 10 10	12:00 - 12:30 10 10	12:00 - 12:30 10 10
10:30 - 11:00 10 10	12:30 - 13:00 10 10	12:30 - 13:00 10 10
11:00 - 11:30 10 10		
11:30 - 12:00 10 10		
12:00 - 12:30 10 10		
12:30 - 13:00 10 10		

4.7. Supplements

Supplements are next bookable object properties. For example: you run the squash centrum and customers can reserve beside court also squash rackets. See examples below.

Supplements have two forms. Supplement "Option yes/no" is realized on frontend by checkbox form field and have price (option "One price") or is free (option "Free"). Supplement "Select from list" has more values and is realized by drop down list form field. Each value has own price (option "More prices") or all values have one price (option "One price") or supplement is free (option "Free"). For supplement "Select from list" you can set property "Use empty option". It means that customer doesn't have to choose this supplement value (in drop down list is option without value). Property "Use empty option" is unavailable for supplement "Option yes/no". Supplements prices are automatically added to full reservation price.

Supplement capacity setting allows you to set behavior of supplement capacity. No capacity means supplement will be always one and price will be constant. Default is multiply by object capacity - number of supplements will be same as reserved object capacity (if object has capacity) and price

will be multiplied as well. Manual capacity select allows customer to specify number of supplements manually and supplement price will be multiplied by selected number of supplements. You can set maximum number of supplements for this setting. This can be used for example for additional catering or sporting equipment.

Figure 4.23. Example of car supplements (backend)

Id	* Title	Description	* Type	* Options	* Price
<input type="checkbox"/> 1	Color	Hood color is free "Select from list" supplement. You must select one (isn't set property "Use empty option").	Select from list <input type="checkbox"/> use empty option	black white blue red	Free
<input type="checkbox"/> 3	GPS	GPS navigation you can have/haven't for 200 (is used type "Option yes/no"). Property "Use empty option" is unavailable.	Option yes/no <input checked="" type="checkbox"/> use empty option		200 One price
<input type="checkbox"/> 4	Player	You can choose from four players or don't order player (is set property "Use empty option"). Each player has different price.	Select from list <input checked="" type="checkbox"/> use empty option	MC MC/CD MC/CD/DVD MC/CD/DVD/HD	5 10 15 20 More prices
<input type="checkbox"/> 6	Minibar	You can choose fixed or portable minibar or don't order. Both for 300.	Select from list <input checked="" type="checkbox"/> use empty option	fixed portable	300 One price

Figure 4.24. Example of car supplements (frontend)

Supplements

Color **black** Free GPS ☐ 200,- EUR Player **- Select -**

Minibar **- Select -** 300,- EUR

Book this Car now.

[Click in calendar to start date of your booking.](#)

[Select check in](#) [Select check out](#) [Reset](#)

Check in:

Check out:

[Book It](#)

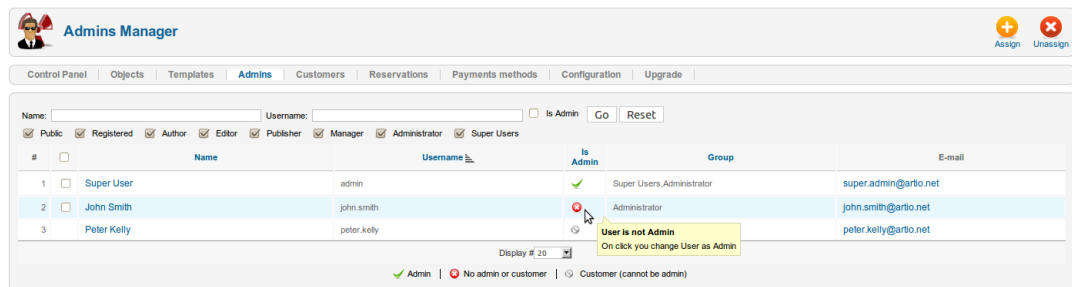
Supplements list (from dropdown):

- Select -
- MC (5,- EUR)
- MC/CD (10,- EUR)
- MC/CD/DVD (15,- EUR)
- MC/CD/DVD/HD (20,- EUR)

4.8. Booking Administrators

For using Booking is important to have frontend administrators. Frontend administrators manage reservations from frontend interface (not backend). Administrators are selected from existing Joomla! users. This users cannot be used in customers accounts. On following image is backend dialog of administrators setting. There is filtered list of existing users. In column "Is admin" you can see mark if user is/isn't administrator or is customer (cannot be administrator). You can assign more users as administrators by tools from main toolbar.

Figure 4.25. Backend booking administrators setting



4.9. Reservation

If you have published objects, customers can book them and make reservations. One reservation can have multiple booked objects (optionally with supplements), their time ranges, computed prices and customer personal data. Customers create reservations from frontend object detail page with calendar. According to object settings, in calendars are displayed and highlighted by color available intervals. Customers choose available intervals and objects supplements. After click on button Book it!, light-box window is opened, where customer can select object and supplements capacity (if available) and choose between going to checkout or continue and reserve different object. On checkout page, customer can manage his reservation, fill his personal data and send reservation.

Reservations have two statuses. Status active/cancel and status unpaid/deposit received/fully paid. Component booking doesn't perform reservation payment. Information about paid/unpaid status is added manually by administrators from frontend or backend (only exception is cciDEAL now). If reservation has status active, reserved interval and capacity is disabled for all other customers no matter the unpaid/paid status. The interval is free again only when reservation is cancelled. If reservation interval isn't expired, customer can cancel it too.

In backend reservations list you see status in two columns with icons. After click on icon, status is changed to different value. Frontend logged administration uses similar browse table like in backend with equal tools.

Figure 4.26. Reservations backend list.

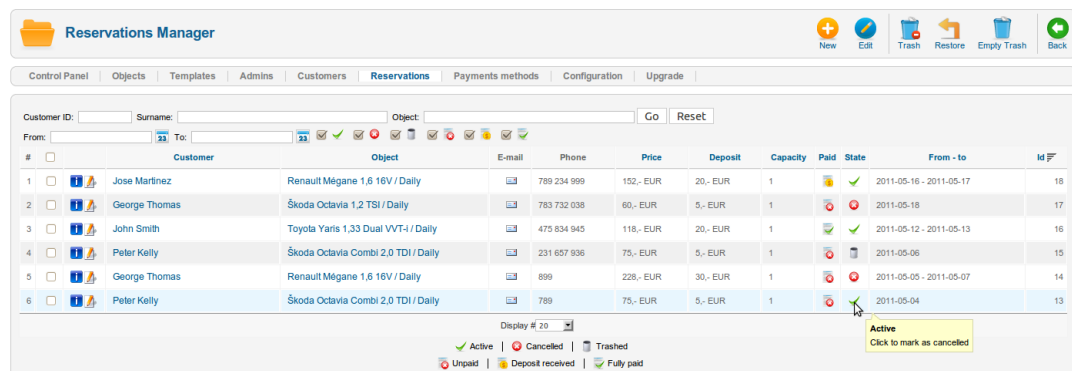


Figure 4.27. Reservations frontend administrator list.

Manage Reservations

Surname: Object: From:

To:

☒
☒
☒
☒
☒
☒
☒

<input type="checkbox"/>	<u>Customer</u>	<u>Object</u>	<u>Price</u>	<u>Deposit</u>	<u>Paid</u>	<u>State</u>	<u>From - to</u>	<u>ID</u>
<input type="checkbox"/>	Jose Martinez	Renault Mégane 1.6 16V	152,- EUR	20,- EUR			2011-05-16 - 2011-05-17	18
<input type="checkbox"/>	George Thomas	Škoda Octavia 1.2 TSI	60,- EUR	5,- EUR			2011-05-18	17
<input type="checkbox"/>	John Smith	Toyota Yaris 1.33 Dual VVT-i	118,- EUR	20,- EUR			2011-05-12 - 2011-05-13	16
<input type="checkbox"/>	Peter Kelly	Škoda Octavia Combi 2.0 TDI	75,- EUR	5,- EUR			2011-05-06	15
<input type="checkbox"/>	George Thomas	Renault Mégane 1.6 16V	228,- EUR	30,- EUR			2011-05-05 - 2011-05-07	14
<input type="checkbox"/>	Peter Kelly	Škoda Octavia Combi 2.0 TDI	75,- EUR	5,- EUR			2011-05-04	13

☒ Active |
 ☒ Cancelled |
 ☒ Trashed

☒ Unpaid |
 ☒ Deposit received |
 ☒ Fully paid

Unpaid
 Click to mark as deposit received

4.10. Global Configuration

Main	Reservation permission	Registered: logged user with customer registration. Reservation form is automatically filled by their personal data and they can display list of own reservations.
		Unregistered: no logged user. Always has to fill their personal data into reservation form.
	Customers user group	The Joomla user group for customers. Usually only registered group without access to Joomla content.
	Show customer names	In calendars display names of customers who has interval booked.

Figure 4.28. Show customers of reservations.

Fri	Sat	Sun
29 Apr	30 Apr	01 May
06 May Daniel Jackson	07 May	08 May

Only for unregistered customers. Before customer save reservation he has to fill captcha image. It's security to robots.

Figure 4.29. The captcha for unregistered users.

Captcha: 

Payment methods:  PayPal

Comptatory items

 Make a Reservation

 Cancel

The directory path where are saved objects images. It's relative path from Joomla! root. For example: your Joomla! is installed in directory /var/www and you want to save images in directory /var/www/images/objects. You have to set this options as images/objects.

The directory path where are saved templates icons. The rules are similar like image path.

Use predefined formats: they are in component language files. You can change them.

Use custom formats: if you choose this option next field are enabled and you can set date formats. Using custom formats is for

advanced users. For more informations visit this page <http://php.net/manual/en/function.strftime.php>. Not all strftime aliases can be available on your server operating system. For list of available aliases, click on Show local supported formats.

Prices

Currency Your currency shortcut.

Calendars

First week day You can set first week day as monday or sunday.

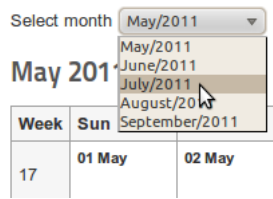
Figure 4.30. First week day is sunday.

Week	Sun	Mon	Tue
17	01 May	02 May	03 May
18	08 May	09 May	10 May
19	15 May	16 May	17 May

Display quick navigator

Calendar has quick navigator realized as drop down list with num months/weeks/days to future according to used calendar. This option is related to next three options "Future months to show"/"Future weeks to show"/"Future days to show". For example if you set 5 months to future in quick navigator is offer quick jump to next five months after current month.

Figure 4.31. Display quick navigator.



Objects

Display thumbnails

In objects list display thumbnails of objects main images if available. This option is related to next options Thumbnail width and Thumbnail height. You should set one or both of them. If you set only one then second is automatically computed. If you set both then thumbnail is realized as cutout.

Display introtext

If object has introtext then is used in objects list. You can set length of introtext cutout in next option Introtext length.

Display filter

There are used template properties which are set as filterable.

Figure 4.32. Filter over the objects list from filtered template properties.



Display pagination

It's standard pagination bottom filtered list. In option Default pagination is available setting of default listing value.

Display bookit button

This button opened object detail page to make reservation.

Object

Notification - Registration

Notification - Reservation

Notification - Reservation Status
Change

Registration/reservation fields

Reservation Terms

Registration

4.11. Sending E-mails

Component can send e-mails to administrators and customers. Setting of sending e-mails is available in global configuration. There you can turn off this service or set if is available only for administrators, customers or for both. For sending e-mails, component uses setting from Joomla! global configuration. In component configuration you can set sender e-mail, sender name, subject for customer and administrator, format of e-mail (HTML or plain text) and e-mail body. Other settings as mailer (php mail/smtp/sendmail), username, password, security etc. are used from Joomla! global configuration. In e-mail body you use transcription marks which are replaced by reservation or registration data. They are data as customer name, reservation date, object name etc.. Special transcription mark is pair of marks {OBJECTS} and {/OBJECTS}, which defines part, which will be repeated for each reserved object. Available transcription marks you can see in component global configuration above the e-mail body field.

Figure 4.33. Using Transcription Marks in E-mail Body

E-mail subject admin	New registration successfully saved.
E-mail Format	<input checked="" type="radio"/> plain text <input type="radio"/> HTML
	Usable Transcriptions Marks in Notification Bodies {REGISTRATION DATE} Registration date {USERNAME} Username {PASSWORD} Password {E-MAIL} E-mail {NAME} Full name {COMPANY} Company {ADDRESS} Full address {TELEPHONE} Telephone {FAX} Fax
E-mail body (customer)	<div> B I U ABC </div> <div> </div> <p>Dear customer,</p> <p>your registration was successfully delivered.</p> <p>Registration date: {REGISTRATION DATE} User name: {USERNAME} Password: {PASSWORD} E-mail: {E-MAIL} Name: {NAME} Company: {COMPANY} Address: {ADDRESS} Telephone: {TELEPHONE} Fax: {FAX}</p> <p>Best regards</p> <p>This E-mail was generated automatically.</p>

Chapter 5. Usage (frontend)

5.1. Booking Customers


Customers are page visitors who can make reservation in Booking component. You can allow page visitors reservation without registration or with registration and Joomla! user account to login. If visitor hasn't Joomla! user account, component offers him to create new customer registration with new Joomla! user account. For logged users component offers to become customer.

Fields which customer has to fill during registration or objects reservation you can set in component global configuration (bookmark Registration/reservation fields). You can disable (option hide) or enable (option show) fields. Enabled fields can be compulsory or optional. Is recommended to set customer e-mail as compulsory if using reservation e-mails.

Customers accounts are accessible from component backend. Customer can be disabled by blocking his Joomla! user account. In backend you can edit or delete customers.

Figure 5.1. The page visitor isn't logged. Component offers him login or registering.

Škoda Octavia Combi 2,0 TDI[Back](#)



The Škoda Octavia Combi has enjoyed extraordinary popularity among drivers for many years. Therefore, all the model's versions were built with regard to modern technology and customers' wishes.


Properties

Airbags	Yes
Radio	No
Air Conditioning	Yes
Transmission	6-gear man.
Passengers	1
Luggage Compartment	
Classification	Compact

For make reservation first [login](#) or [register](#)

Figure 5.2. The page visitor is logged. Component offers him to become customer.

Škoda Octavia Combi 2,0 TDI[Back](#)



The Škoda Octavia Combi has enjoyed extraordinary popularity among drivers for many years. Therefore, all the model's versions were built with regard to modern technology and customers' wishes.

Properties

Airbags	Yes
Radio	No
Air Conditioning	Yes
Transmission	6-gear man.
Passengers	1
Luggage Compartment	
Classification	Compact

Supplements

Color **black** Free GPS ☐ 200,- EUR Player **-Select-**
Minibar **-Select-** 300,- EUR


You aren't customer
 [Become customer](#)

Figure 5.3. Customer registration page. With customer account is also created new Joomla! user account.

 [Save](#)  [Cancel](#)

* Compulsory items

Details

Title before:	<input type="text"/>
* First name:	<input type="text"/>
Middle name:	<input type="text"/>
* Surname:	<input type="text"/>
Title after:	<input type="text"/>



User account

* Username:	<input type="text"/>
* Email:	<input type="text"/>
* New Password:	<input type="password"/>
* Verify Password:	<input type="password"/>

Contact

Telephone:	<input type="text"/>
------------	----------------------

Figure 5.4. Become customer page. To existing Joomla! user account is created customer account.

 [Save](#)
 [Cancel](#)

* Compulsory items

Details

* First name:	<input type="text"/>
* Surname:	<input type="text"/>

User account

Name:	Peter Kelly
Username:	peter.kelly
Email:	peter.kelly@artio.net

Contact

Telephone:	<input type="text"/>
------------	----------------------

Figure 5.5. Config registration/reservation fields page.


Component settings

Main Settings | Calendars | Frontend - Objects List | Frontend - Object Detail | Notification - Registration | Notification - Reservation | Notification - Reservation Status Change | **Registration/reservation fields** | F

Here you can set fields which customer has to add during registration or reservation.

Title before	- hide -
Firstname	show (compulsory)
Middlename	- hide -
Surname	show (compulsory)
Title after	- hide -
Company	- hide -
Street	- hide -
City	- hide -
Country	- hide -
Zip	- hide -
E-mail	show (compulsory)
Phone	show (optional)
Fax	- hide -
Note	show (optional)

Figure 5.6. The customers backend list.

 Customers Manager

New

Edit

Trash

Restore

Empty Trash

Control Panel

Objects

Templates

Admins

Customers

Reservations

Payments methods

Configuration

Upgrade

Surname:

City:

Country:

Go

Reset

Company:

#	<input type="checkbox"/>	Name	User	State	Address	Company	E-mail	Phone	Id
1	<input type="checkbox"/>	Peter Kelly	peter.kelly					231 657 936	14
2	<input type="checkbox"/>	John Smith	john.smith					475 834 945	13
3	<input type="checkbox"/>	George Thomas	george.thomas					783 732 038	12
4	<input type="checkbox"/>	Jose Martinez	jose.martinez					789 234 999	11

Display # 20

Active | Block | Trashed

Chapter 6. Troubleshooting

If you encounter problems or have questions, check for the answers or post your question at our support forums at <http://www.artio.net/support-forums/book-it>.

You can also check FAQ <http://www.artio.net/faqs/booking>.