ibelsa API Push Notification

ibelsa can inform third parties about booking changes.

1. Creation of new reservations
2. Changes of existing reservations
3. Cancellation of reservations
4. Change of the rooms status (clean, dirty)

For each case you have to define an URL which ibelsa will call. The settings can be found in my Hotel / Links / API:

URL list for push notification   ?

Status:	⦿ enabled	◯ disabled

Base auth username:	user
Base auth password:	••••••••
Repeat password:	••••••••
URL create mainreservation:	https://xyz.com/mainres/create
URL create roomreservation:	https://xyz.com/roomres/create
URL modify mainreservation:	https://xyz.com/mainres/modify
URL modify roomreservation:	https://xyz.com/roomres/modify
URL cancel mainreservation:	https://xyz.com/mainres/cancel
URL cancel roomreservation:	https://xyz.com/roomres/cancel
URL get roomstatus:	https://xyz.com/room/status
URL create contact:	https://xyz.com/contact/create
URL modify contact:	https://xyz.com/contact/modify https://abc.de/guest/modify
URL contact deleted:	https://xyz.com/contact/delete

💾 Save

First you have to enable the push notification.

ibelsa supplies the **HTTP Basic Authentication**. You have only to enter an username and a password. If the fields remain empty, no authentication will be used.

We differ in calls for a *main reservation* and a *room reservation*.
One booking consists of one main reservation and one or more room reservations.

The given URLs will be enlarged by ibelsa before the call.
URLs for main reservations, ibelsa will add the internal main reservation id:
Example:
https://xyz.com/mainres/change?id=12345

Same for room reservations. In this case ibelsa adds two parameters. The internal id of the room reservation and the internal id of the concerning main reservation.
Example:
https://xyz.com/roomres/change?id=98765&mainres_id=12345

Changes via the channel manager!

Cancel and Create notifications are sent when bookings are **modified through channel manager**. A known problem.
Because this modification will result in the cancellation and a restoration of all room reservations. The result is two push notifications for each reservation. One for the cancellation and the second for the creation.
So that there is no misinterpretation, the cancellation URL for room reservation is extended by **"is_modification=1"**.
Example:
https://xyz.com/roomres/cancel?id=98765&mainres_id=12345&is_modification=1
In the case of a real cancellation, the parameter **is_modification** does not apply.

The same procedure for push notifications for creating the reservation.
Example:
https://xyz.com/roomres/create?id=98765&mainres_id=12345&is_modification=1
In the case of a real creation, the parameter **is_modification** does not apply.

Important:
This extension by **is_modification** for the **creation** of new reservations only takes place when changes are made to reservations with only one room.
If the reservation includes several rooms, the old behavior remains. That means a "create push" is triggered for all rooms.
A note in this context:
When a real new reservation is created, the *id* and *mainres_id* in the URL have a new value.

In the event of an error described above, only the *id* is new, *mainres_id* retains its original value.

Contact

Notification of changes in contacts.
The URL is always extended with the ID of the contact. Example:
[https://xyz.com/contact/create**?id=12345**](https://xyz.com/contact/create?id=12345)

The URL when changing a contact can have another parameter:
is_deleted=1
Example:
[https://xyz.com/contact/modify**?id=345678&is_deleted=1**](https://xyz.com/contact/modify?id=345678&is_deleted=1)
This means the contact has been deleted.
This means that a deletion notification can be reported via two places.

Status of rooms

ibelsa can inform you if the status of a room changes.
Your endpoint will be enlarged with two parameters:
1. internal ID of the room
2. status of the room (is_clean = true / false)

Example:
https://xyz.com/room/status?id=1342&is_clean=false

To get the actual status of a room, you may also use our ibelsa API. Have a look at our online documentation: https://rooms.ibelsa.com/api/doc#get--api-get-roomisclean-{entity_id}

Pay-status of a booking

If you want to check-in a reservation, you need to know whether the reservation has already been paid for or not.

If this flag is activated you have a checkbox for every reservation. You have to mark the reservations manually. Using the endpoint "Get all entities in a timespan" (see in Documentation: https://rooms.ibelsa.com/api/doc#get--api-get-timespan-{entity}-{start}-{end}) you can obtain the value of this flag.

E.g. https://rooms.ibelsa.com/api/get/timespan/reservations/{start_date}/{end_date}
The section "**main_reservation**" contains the parameter **duty_of_payment_at_kiosk**.
The value "**true**" means that the reservation must be paid for.
The value **"false"** means that the reservation has already been paid for.

The flags in the application:
In the sidebar:

In the reservation mask: