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Currency Exchange Guide

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BugHotel NextGen Currency Exchange

Quick start guide

This quick start will help you get started with BugHotel Reservation System Currency Exchange module



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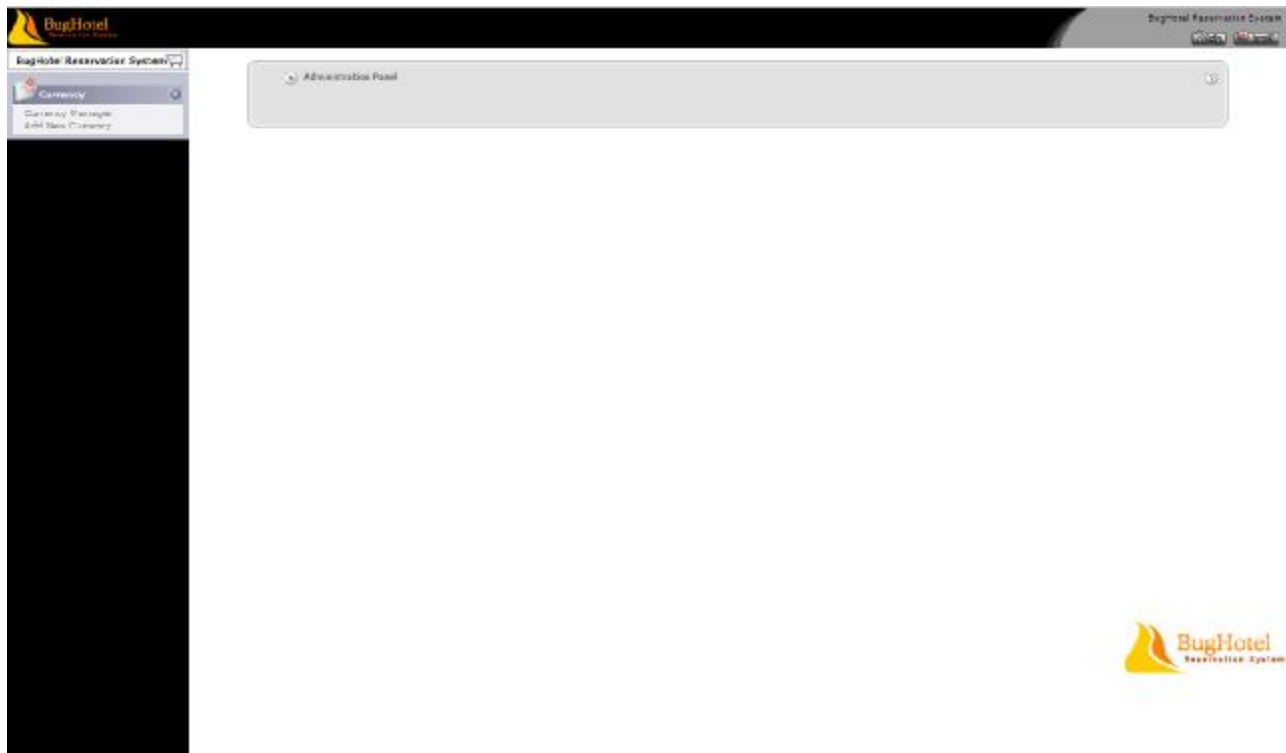
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Welcome to Bug Hotel Reservation System NextGen Currency Exchange Module

Once the log-in process is completed, the following screen is shown to user. The options are available in the left navigation menu.

In this option, you configure your application to display property prices in extra currencies than the main defined on setup module. For instance, you can show prices in US\$ and also in Euro and GBP, BugHotel Reservation System will use the main currency as the base currency and will display prices in all the other configured exchange rates.





1. Currency Manager

Use this option to check all created Currencies and update currency information.



2. Add new Currency

In the “Add new Currency” form you are prompted for the following fields:

- “Name” – input the name of the currency
- “Currency Code” – code of the currency
- “Currency Symbol” – symbol of the currency that will be displayed to front end users
- “Conversion” – conversion rate between the main currency used by the application and the one you are using
- “Status” – Enable or disable currency
- “Automatic Cron Update” – If you have this enabled, the application will automatically update currency rates




If you add one or more currencies, something like this will be showed to your application users

3. Font end display

In the front end reservation system, BugHotel Reservation System will present the base currency as default pricing and will display all extra configured currencies as seen in the image bellow:



Featured Hotel



LE MERIDIEN LAV
Grljevacka 2a
21312 Podstrana
Croatia
☆☆☆☆☆
Units From: €270.00

more...

more...

more...

USD	411.21
GBP	207.49
EUR	270
AUD	443.1
CAD	406.92
JPY	42608.7

5. Automated currency conversion

The file "script cron.php" needs to be run every hour or so in order for the currency rates to update automatically.

In Unix/Linux/FreeBSD usually cron is used to activate such task. Cron is a time-based job scheduler in Unix-like computer operating systems. 'Cron' is short for 'chronograph' and enables users to schedule jobs (commands or shell scripts) to run automatically at a certain time or date. It is commonly used to perform system maintenance or administration, though its general purpose nature means that it can be used for other purposes. Basically you will need to add the "cron.php" file from currency exchange module and execute it in the Cron

The following will update currency exchange conversion rates at one minute past midnight each day.

```
1 0 * * * php /var/www/html/currencyexchange/cron.php
```

The path /var/www/html/ usually needs to be changed to the place where the Currency Exchange module was installed.

In a windows environment, the Windows Task Scheduler is used instead of the Linux Cron. Task Scheduler is a component of Microsoft Windows that provides the ability to schedule the launch of programs or scripts at pre-defined times or after specified time intervals.

6. Currency exchange source

By default the system fetches the currency exchange rates from Oanda but other sources can be configured.

The following currency exchange services are supported:



- Oanda
- Yahoo Finance
- CNN Finance

In order to change the currency exchange source from one provider to another, you need to edit the configuration file (config.inc.php) and replace the existing provider id to the desired provider id.

```
// Define where to fetch currency exchange from
```

```
// 0 = Oanda
```

```
// 1 = Yahoo finance
```

```
// 2 = CNN
```

```
DEFINE('EXCHANGE_SOURCE'          , 1);
```

In the example above, the system is using Yahoo finance, if for example you want to change to CNN Finance, you would change the ,1 to , 2 and it would look like this:

```
// Define where to fetch currency exchange from
```

```
// 0 = Oanda
```

```
// 1 = Yahoo finance
```

```
// 2 = CNN
```

```
DEFINE('EXCHANGE_SOURCE'          , 2);
```