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See the way [Auto Currency Switcher for Magento 2](#) extension works.

Guide for Auto Currency Switcher by MageWorx for Magento 2

Boost international sales by removing any difficulties in price perception. Automatically display product prices in local currencies based on customers' location.

- Convert products' prices to numerous currencies
- Automate currency display with geolocation detection
- Display relevant currencies with Currency-Country relations optimization
- Exclude particular User Agents and URLs from auto-switching
- Prevent fraudulent activity with IP info on order placing location

Multi-Currency Configuration

Log in to the **Magento Admin panel** and go to **Stores** → **Configuration** → **General** → **Currency Setup**.

Currency Options

The screenshot shows the 'Currency Options' section of the Magento Admin panel. It contains three main configuration areas:

- Base Currency [website]:** A dropdown menu set to 'Euro'. Below it, a text box explains: 'Base currency is used for all online payment transactions. The base currency scope is defined by the catalog price scope ("Catalog" > "Price" > "Catalog Price Scope").'
- Default Display Currency [store view]:** A dropdown menu set to 'Euro'.
- Allowed Currencies [store view]:** A list of currencies with a scrollable background. The visible currencies are Botswanan Pula, Brazilian Real (highlighted), British Pound, Brunei Dollar, and Bulgarian Lev.

Base Currency specifies the currency to be used for all online transactions in the store.

Default Display Currency sets the currency to display by default in the store.

Difference between Default Display Currency and Base Currency

Default Display Currency doesn't affect the *Base Currency*. All the transactions will be processed in the *Base Currency*.

Allowed Currencies - select as many currencies you need to display on your store frontend.

Check the [Magento 2 official guide](#) for more detailed configurations of currency options.

Configuring the Auto Currency Switcher

GeoIP DataBase

The GeoIP extension uses the free [MaxMind GeoIP database](#) to determine the locations of your visitors and switch the currency.

GeoIP DataBase

Database Type [global]	GeoIP Country
MaxMind License Key [global]
Update Current Database [global]	<input checked="" type="checkbox"/> Create backup <input type="button" value="Update Database"/>
	Last update: February 12, 2021 / 07:29
	Remember that http://maxmind.com has limits on downloads of GeoIP database per day.

The **Database Type - City** allows displaying a customer's region and city (detected by IP) in the order view.

In the **MaxMind License Key** you need to enter the API license key. Due to the new MaxMind policy, you should register an account at the MaxMind site and generate a new license key for the [GeoLite2 database](#) and enter it in the *MaxMind License Key* field.

You should use the following option when generating the license key: **Generate a license key and**

config file for use with geoipupdate versions older than 3.1.1. This key will be stored in an unhashed format.

You should save the configuration after adding a license key first. If you click the Update Database button **before saving the configuration**, it will update the database of the previous type with the previous license key.

After entering the license key, click the **Save Config** button. Then, you can press the **Update Database** in the **GeoIP DataBase → Update Current Database** section to load GeoIP info for proper location detection.

Currency Switcher

Set up exceptions to cancel automatic currency switching. In some cases, you might want to limit automatic currency switching.

For example, if you need to disable currency switching for search engine's crawler bots — simply enter the User-Agent list here.

Also, you can disable auto-switching for particular store pages with Exception URLs setting.

Currency Switcher

User Agent List [store view]

```
googlebot*  
yahoo*  
msnbot*  
facebook*
```

List of User Agents for which Currency Auto Switcher should be disabled. Enter one User Agent per line

Example:

```
gsa-crawler  
Googlebot*
```

Exception URLs [global]

```
/paypal/*
```

Exception URLs are relative URLs to your Store URL used mainly to disable Currency Auto Switcher for payment processing gateways.

Enter one URL per line.

* means anything

Example:

```
/paypal/*  
/twocheckout/*
```

User Agent List - the list of user agents the currency won't be switched for. This includes search and social network bots.

Exception URLs provides the list of the website URLs to disable the Currency Switcher for.

Currency Relations

Log in to the **Magento Admin panel** and go to **Stores → Currency → Currency Relations**.

Currency Relations

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Refresh Relations

Save Currency Relations

ID	Currency	Countries	Reset
1	USD	AS, EC, FM, GU, HT, IO, MH, MP, PA, PR, PW, SV, TC, UM, US, VG, VI Change	<input type="checkbox"/>
2	GBP	GB Change	<input type="checkbox"/>
3	CAD	CA Change	<input type="checkbox"/>
4	EUR	AD, AT, AX, BE, CY, DE, ES, FI, FR, GF, GP, GR, IE, IT, LU, MC, MQ, MT, NL, PM, PT, RE, SI, SK, SM, TF, VA, YT, EU Change <div style="border: 1px solid #ccc; padding: 2px; margin-top: 2px;"><ul style="list-style-type: none">FinlandFranceFrench GuianaFrench PolynesiaFrench Southern TerritoriesGabon</div>	<input type="checkbox"/>
5	JPY	JP Change	<input type="checkbox"/>
6	RUB	RU Change	<input type="checkbox"/>
7	KRW	KR Change	<input type="checkbox"/>

This section manages the Country-Currency relations. The store owner can add a new currency and set a list of countries for which this currency should be applied. After configuration, hit the **Save Currency Relations** button.

In case you want to load default Country—Currency options for currencies, select the needed currencies by ticking the boxes at the **Reset** column. Then, click the **Refresh Relations** button.

With the Magento 2 Currency Conversion extension, you can create Currency-Country relations that work best for your business needs. For example, you sell only in dollars, euros, and pounds and need to control what currency to use in each country (irrespective of local currency). E.g., manually set the '\$' dollar for Northern and South America and precisely distribute the '£' pound and '€' display between countries of the European region.

Currency Auto Switcher switches only the displayed currency. All the transactions will still be processed in the *Base Currency*.

Related Magento 2 settings

Here, you can find information on related Magento 2 functionality, that might come in handy when using the **Auto Currency Switcher** extension.

Currency Rates

Magento 2 functionality allows setting up custom currency exchange rates or automatically importing rates using configured Import Services.

To do that, please go to **Stores** → **Currency** → **Currency Rates**.

Currency Rates

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Options Reset **Save Currency Rates**

Import Service:

	CAD	EUR	GBP	KRW	RUB	USD
EUR	<input type="text" value="1.538197"/>	<input type="text" value="1.0000"/>	<input type="text" value="0.875593"/>	<input type="text" value="1339.228623"/>	<input type="text" value="89.55272"/>	<input type="text" value="1.21296"/>

The store owner can input the desired rates in the appropriate boxes or select the desired rates provider in the **Import Service** dropdown and click the **Import** button. After that, click the **Save Currency Rates** button.

Currency Symbols

Log in to the Magento Admin panel and go to **Stores** → **Currency** → **Currency Symbols**.

Currency Symbols



Save Currency Symbols

GBP (British Pound Sterling) *

Use Standard

EUR (Euro) *

Use Standard

USD (US Dollar) *

Use Standard

Here, the store owner can change the desired currency symbol. This configuration page allows the store admin to use the default currency symbols or change them to custom ones.

Find out how to install the **Auto Currency Switcher** extension via [Composer](#).

From:

<https://stg.amasty.net/docs/> - **Amasty Extensions FAQ**

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https://stg.amasty.net/docs/doku.php?id=magento_2:auto-currency-switcher



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