**ENGAGE CO.**

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**ERPLY MODULE**

**Synchronizing ERPLY store management with wordpress woo-commerce plug-in.**

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* OVERVIEW

This module was created to consider as a base synchronization of woo-commerce wordpress plugin with ERPLY store management system.

The base functionality is divided into three basic sections:

* Synchronize store quantities.
* Synchronize customer information.
* Synchronize invoices.
* Synchronization Technique:

The module is using Croning method assigned by server management .

* Installation:

It’s so easy to install all you need is just to Follow the index A1.

* Timing

Synchronization timing depending on the website transaction estimation.

Most recommended option is equal to 10 minutes.

* Synchronization

Synchronization Order is the user way to interpret the logic of his own program.

The recommended order is to :

* 1. Synchronize inventory.
  2. Synchronize customers.
  3. Synchronize customers.
* MODULE Functionality
* createErplyInvoicesCron
  + Update the products quantities : update is from Erply to woocommerce
  + Get the customer reward points from Erply and update them in woocommerce
  + Creating the invoice in Erply by getting information from woocommerce and send it .

* syncErplyCustomersCron
  + Get the customer reward points from Erply and update them in woocommerce .

* syncErplyInventoryCron
  + Getting all the products info from Erply and update the values in woocommerce .
* Detailed Scenarios
* syncErplyCustomersCron
* For user accounts :
  1. Check if there any new users in wordpress DB .
  2. If there is new users synchronize their information in Erply.
  3. If the user already exist update information.
* For reward points:

1. Check order history.
2. Update reward points and loyalty level.

* syncErplyInventoryCron
* For inventory:

1. Get quantities from Erply and synchronize it to woo commerce

* createErplyInvoicesCron
* For Inventory:

1. Check if there is a different inventory level in Erply than woo-commerce.
2. If yes, update the products quantities to woo-commerce.

* For Customers:

1. Check if the user exist, if not create the user.
2. Else get reward points, loyalty level and update it.

* In both cases we set a ERPLY\_Customer\_id in wordpress DB.
* For Invoice:

1. Check if there is update in the customer account and update it.
2. Get the shipping information.
3. Creating the invoice in Erply by getting information from woo-commerce and get back the invoice id and store it woo-commerce.

* Installation:

1. Run this SQL code in the interpreter

ALTER TABLE `wp\_users` ADD `ERPLY\_Customer\_id` BIGINT( 20 ) NOT NULL

ALTER TABLE `wp\_woocommerce\_order\_items` ADD `ERPLY\_invoice\_id` BIGINT( 20 ) NOT NULL

1. Create an ERPLY with the folder of wordpress and past the code you have with it
2. Add the croning functionality to your server

* References:
* ERPLY documentation:

<http://erply.com/api/saveSalesDocument>