



**Breincoach**

Wolfhezerweg 40  
6874 AE Wolfheze  
The Netherlands

Website: [www.breincoach.eu](http://www.breincoach.eu)

email: [info@breincoach.eu](mailto:info@breincoach.eu)

phone: +31-6-925529

VAT: NL019512259B02

Bank: Paypal: [paypal@breincoach.eu](mailto:paypal@breincoach.eu)

Bank: ING

Account name: H.J. Wevers

IBAN: NL55INGB0755033353, BIC: INGBNL2A

Account nr: 755033353

## **IP.Board PLUGIN FOR JFUSION**

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## INTRODUCTION

### BENEFITS

JFusion ([www.jfusion.org](http://www.jfusion.org)) provides SSO and SSL for integrated software by means of dedicated plugins for each integration. JFusion is free open source software and plugins are available for many free open source website software like Moodle, phpBBS, Vbulletin, Magento Community version. However integration of commercial software like Kayako's Fusion is left to other (commercial) developers. After installation of this plugin into JFusion you get:

- **SLO:** a user who logs in to Joomla (JFusions host) gets automatically logged in to IP.Board and all other integrations. For clarity we will call the by JFusion plugins supported website software like IP.Board "the Integration" in this document.
- **SSO:** The user needs only to register on one site and gets registered on all integrations. Your choice if registration takes place on Joomla or an integration like IP.Board.
- User records are synchronized in the background when a user logs on. Thus changes in the common fields of the user record of the registration site (called Master, see below) like password, email, user group, phone, address, full name and more are done on the fly on both sites without any action of the user. When you disable JFusion, the sites can run independently.
- You don't need to change IP.Board code.
- **DSLO:** With additional software you get DSLO. This means a user can login to either the supported integration or Joomla to get logged in on both. There is currently no DSLO module for IP.Board.
- From version 1.8 (first stable) this plugin supports the JFusion modules Login, user activity and who's online. For detailed information please see the JFusion website.

### HOW JFUSION WORKS

To understand how JFusion works you need to know the difference between the Master website and the Slave website. The Master is the website where the user must register and maintain their profile. The other website(s) will become the slave. You can choose the master from Joomla and all integrations.

The basic operation of JFusion is pretty simple:

1. When a user logs in on Joomla (or a DSLO enhanced integration) the user is authenticated on the Master. If the user is not registered on the Master the login will fail. And of course when the authentication fails the logon will fail as well.
2. When the authentication is successful then the Slave is tested for the presence of a valid user record. If there isn't one, a new user record is created on the slave using the Masters user data.

3. In case there is a valid user record found on the slave, fields with the same purpose are checked and updated if necessary. Most common fields, like username, email, password, user group, etc. are handled.
4. Then the user is logged in on Joomla and the Integrations.

## ENCRYPTION

Breincoach plugins and modules represent many man-years of work. To protect this we were forced to encrypt our (Breincoach) code. Note that all our software for free open source open source integrations is free and open source. Also, we have dedicated much time to the JFusion open source project and are still working on it.

All our software needs **loncube** installed on the server where you run your software. Almost all hosts have this enabled by default.

## INSTALLATION

### UPLOADING AND INSTALL

Installation is simple. Go to JFusions Cpanel and click on the “plugin Manager” icon. Scroll down and choose your installation method. This is the same procedure as the one for Joomla extensions.

## TRIAL LICENSE

You can request one (1) trial license for 15 days. The procedure is automated on our support website **breincoach.eu**.

You install the license file, **renamed to** `jf_plg_ipboard_key.php`, in the directory  
**Joomla < 2.x:**

```
<joomla>/administrator/components/com_jfusion/plugins/ipboard
```

**Joomla >= 2.0**

```
<joomla>/components/com_jfusion/plugins/ipboard
```

## PAID LICENSE

You need a paid license to run this software. The license is bound to your domain and has no time restrictions. A local test host is also licensed with no additional costs. Multi domain licenses are available. The procedure to pay with Paypal and receive a license is automated on our support website **breincoach.eu**.

You install the license file, **renamed to** `jf_plg_ipboard_key.php`, in the directory:  
**Joomla < 2.x:**

```
<joomla>/administrator/components/com_jfusion/plugins/ipboard
```

**Joomla >= 2.0**

```
<joomla>/components/com_jfusion/plugins/ipboard
```

It is OK to overwrite the trial key.

## CONFIGURATION

### FIRST TIME CONFIGURATION

Go to JFusions Cpanel, choose “Configuration”. Now start the IP.Board wizard:

	Name	Actions	Description	Master	Slave
↕	joomla_int		Current Joomla Site	✓	✗
↕	moodle		JFusion (1.1.0+) plugin for Moodle E-learning 1.x	✗	✗
↕	efront		JFusion plugin for eFront 3.x	✗	✗
↕	elgg		Elgg 1.5 plugin for JFusion	✗	✗
↕	ipboard		Elite Ladders	✗	✓
↕	wordpress		wordpress	✗	✗
↕	eliteladders		Elite Ladders	✗	✗

The wizard will try to get as much configuration settings as possible but needs the path to the IP.Board directory on the server. The wizard helps you by filling in the path to the directory of the Joomla that hosts JFusion:

What is the full path to the software you want JFusion to integrate?

Change this path to point to the IP.Board directory and click “next”.

### IP.Board Setup Wizard

... if we can just pull your settings directly from your config file? Just enter the

integrate?

... put in the box above. Please change it to the full path of the software you ...  
... (your setting will be changed to it). Then we will ask you to double check the found

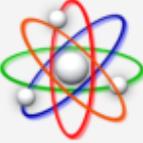
If you have changed the setting to point to the correct directory you will see this message on top of the screen:

Site Users Menus Content Components Extensions Help

**!** Configuration file found! Please make sure they are correct and press the save button.

Many settings are now filled in correctly. You need to go through all of them and add and/or correct all settings. By hovering your mouse above a settings label you will get help on the setting in question.

**Please help support the JFusion project with a donation. This will ensure the c revolutionary project.**




**ipboard JFusion Plugin Editor**

General Database User cURL - General cURL - Cookies cURL - Login

Description

Full URL to Software

Full Path to Software

Login Identifier  ▼

Did you disable registration?  ▼

General **Database** User cURL - General cURL - Cookies cURL - Login

Database Type (ie mysql)

Database Host

Database Name

Database Username

Database Password

Table Prefix

Database Charset

General	Database	<b>User</b>	cURL - General	cURL - Cookies	cURL - Login
---------	----------	-------------	----------------	----------------	--------------

Username Filter

Usergroup Mode

Usergroup Management

Default Usergroup

Auto Update Activation

Auto Update Email

Create new user in this software for inactive users?

Create new user in this software for blocked users?

General	Database	User	<b>cURL - General</b>	cURL - Cookies	cURL - Login
---------	----------	------	-----------------------	----------------	--------------

Type of integration

HTTP Authentication

HTTP Auth Username

HTTP Auth Password

General	Database	User	cURL - General	<b>cURL - Cookies</b>	cURL - Login
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Cookie Domain

Cookie Path

Cookie Expiration Time

Cookie secure connection only

Cookie HTTP-only

Cookies to be overridden

Cookies not to be touched

General	Database	User	cURL - General	cURL - Cookies	cURL - Login
URL to login form page	<input type="text" value="index.php?app=core&amp;module=global&amp;section=login"/>				
Brute Force Login	<input type="button" value="No"/> ▼				
ID of loginform	<input type="text" value="login"/>				
Post to relative path	<input type="button" value="No"/> ▼				
Non standard ID for username	<input type="text"/>				
Non standard ID for password	<input type="text"/>				
Include hidden post data	<input type="button" value="Yes"/> ▼				
Include button post data	<input type="button" value="Yes"/> ▼				

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Check all settings and when you are done click save.

For more information on this setup and testing the plugin(s) see <http://www.jfusion.org/docs>

NOTE: from version 1.8 stable the standard option “delete user” is enabled in the user settings. Enabling this normally will delete the slave user when the master user is deleted. When IP.Board is slave, this will NOT delete the IP.Board user but will set this users user group to **validating**.

## UPGRADING

Upgrading is simple; just follow the installation instructions above. You need to go into the plugin editing and save the plugin once after upgrading to make sure all settings are retained.

## SUPPORT

See [www.breincoach.eu/ipboard-plugin-for-jfusion](http://www.breincoach.eu/ipboard-plugin-for-jfusion) or contact Breincoach via email:

[support@breincoach.eu](mailto:support@breincoach.eu)