phpFox 4.5.3

User Group Settings

From version 4.5.3, below user group settings will be removed from the Core script:

Setting var name	Setting Title	App	Reason
event.can_view_pirvate_events	Can view private events	event	The setting isn't useful anymore

Settings

From version 4.5.3, below settings will be removed from the Core script:

Setting var name	Setting Title	App	Reason
mail.update_message_notification_preview	Update Message "Read" on Notification Preview	mail	The feature isn't available in phpFox v4

From version 4.5.3, below settings will be deprecated:

Setting var name	Setting Title	App	Reason	Version to remove
core.categories_to_show_at_first	How many subcategories to show at first	core	From 4.5.3, we support collapse/expand sub categories	4.6.0

Below settings will be available from this version:

Setting var name	Setting Title	App	Description
core.mail_smtp_secure	Secure with SSL or TLS?	core	Support to set up SMTP with secure options

Hooks/Plugins

We also have some new hooks/plugins to support developers can make change on the core features:

Name	App	Description
core.template-notification-custom	subscribe	Plugin called in notification template
user.service_callback_purchase_points_completed	user	Plugin called after purchasing with activity points completely

Others

Support return multiple arrays in `massCallback`

Since this version, developers can return multiple arrays in a massCallback function. Example code:

```
return [
    'merge_result' => true,
    'result' => [
        // your return arays
        ]
    ]
];
```

Support Apps can define list of writable directories

From now, apps can define a list of directories that have to be had writable permission (example: your app need a folder to store upload pictures...)

Example for this configuration:

```
protected function setOthers()
    {
        ...
        $this->_writable_dirs = [
            'PF.Base/file/pic/todo/'
        ];
        ...
    }
```

For more information, you can get here

New template built-in function to add `AddThis` to your page

In 4.5.2, we had added 2 new settings to allow admin can integrate `AddThis` to their site. And now, for the purpose to help the developers can use it easier, we support the new template built-in function `addthis`.

Example code:

```
{addthis url='http://example.com' title='Example' description='Description of example' media='http://example.com
/image.jpg'}
```

To get more information for this function, please visit here.

Support Apps can define list of external directories/files

From now, apps can define a list of directories/files that belong with the app but don't store in app folder.

Example for this configuration:

```
...
$this->external_paths = [
    [
        'path' => 'PF.Base/example_folder'
        'removeable => true
    ],
    [
        'path' => 'PF.Base/example_file'
        'removeable => false
    ]
];
...
```

For more information, you can get here

New Pagination System

In phpFox version 4.5.3. We will introduce the new Pagination System. The Core script will support 3 mode for pagination:

- Scroll down to load more
- Paging with Next and Prev buttons
- Paging with page number

You can find the guideline for applying it for your apps here.

Support add settings for Blocks

One of the important improvements of phpFox version 4.5.3 is supporting settings for the blocks. From now, you can define settings for you apps blocks to allow admin can use or custom them easier.

Please follow the tut here to define and control settings for your blocks.

New Log System and Error Handler

We also have more major improvements in **phpFox Log System and Error Handler**. Detail information has been updated here.