

# Support Tags and Hashtags

Since version 4.6.0, Tags (topics) and Hashtags can be used at the same time. So, we prepare this tutorial to integrate your app with both of them.

Note: *we will use the To Do List app as an example for this tutorial.*

## Tags

- Scope: only in the app.
- Related Setting: **Enable Tags** (tag.enable\_tag\_support) - *Enable this option if you wish to allow tags on the site to create topics for the item being added.*

## How to use?

- Render the field to add Tags for your item in add/edit form

```
{if Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_tag_support')}{  
    {module name='tag.add' sType='todo'}  
{/if}}
```

The screenshot shows a web form titled "Add To Do". It has fields for "Name" (empty), "Description" (empty), and "Topics:" (empty). Below the "Topics:" field is a note: "Separate multiple topics with commas." The "Topics:" input field is highlighted with a red border. There is also a "Privacy" dropdown set to "Everyone" and a "Submit" button.

In controller of Edit page, we need to get tags list of edited item

```
if (Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_tag_support')) {  
    $todo['tag_list'] = Phpfox::getService('tag')->getForEdit('todo', $id);  
}
```

- Add/Update tags list when adding/editing item

```
// Add this php code in service add  
if (Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_tag_support')) {  
    if (isset($aVals['tag_list']) && ((is_array($aVals['tag_list']) && count($aVals['tag_list'])) || (!empty  
($aVals['tag_list'])))) {  
        Phpfox::getService('tag.process')->add('todo', $iItemId, Phpfox::getUserID(), $aVals['tag_list']);  
    }  
}
```

```
// Add this php code in service update
if (Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_tag_support')) {
    if (Phpfox::isModule('tag') && isset($aVals['tag_list']) && !empty($aVals['tag_list'])) {
        Phpfox::getService('tag.process')->update('todo', $aVals['task_id'], $aVals['user_id'], $aVals
['tag_list']);
    }
}
```

- Display tags lists of item in Detail page

```
// Add this php code in controller of detail page to get tags list
if (Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_tag_support')) {
    $aTags = Phpfox::getService('tag')->getTagsById('todo',
        $id);
    if (isset($aTags[$id])) {
        $aItem['tag_list'] = $aTags[$id];
    }
}
```

```
<!-- Add this code in view template -->
{if isset($aItem.tag_list)}
    {module name='tag.item' sType='todo' sTags=$aItem.tag_list iItemId=$aItem.task_id iUserId=$aItem.user_id
sMicroKeywords='keywords'}
{/if}
```

**Todo with Topics**

18 minutes ago · by Admin

Incomplete

For testing todo with topics

Topics: todo, topic, testing

- To support search by tags, we have to add a callback name: `getTagLink`. This callback will return link to search item by tag of the app. Example:

```
/**
 * @return string
 */
public function getTagLink()
{
    return Phpfox_Url::instance()->makeUrl('to-do-list.tag');
```

- We also have to implement a page for browsing items by tag. For more detail, please check the source code of the sample app [To Do List](#)

Search to do...

Topic: todo

Latest ▾ 10 per page ▾ All Time ▾



**Todo with Topics**  
36 minutes ago by Admin  
For testing todo with topics

## Hashtags

- Scope: using for entire site. You can support to add hashtags in description of your items.
- Related Setting: **Enable Hashtags** (`tag.enable_hashtag_support`) - *Enable this option if you wish to allow hashtags on the site to create topics for the item being added.*

### How to use?

- Add/Update hashtags when adding/editing item.

```
// Add this php code in service add
if (Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_hashtag_support')) {
    Phpfox::getService('tag.process')->add('todo', $iItemId, Phpfox::getUserID(), $aVals['description'], true);
}
```

```
// Add this php code in service update
if (Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_hashtag_support')) {
    Phpfox::getService('tag.process')->update('todo', $aVals['task_id'], $aTodo['user_id'], $aVals
['description'], true);
}
```

- To show hashtags on your detail page, you need to process your content with template built-in function `parse`:

```
{$aItem.description|parse}
```

**ToDo With HashTags**

38 minutes ago · by Admin Incomplete ⚙

This is an example task.  
[#todo](#), [#hashtag](#)

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