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.*

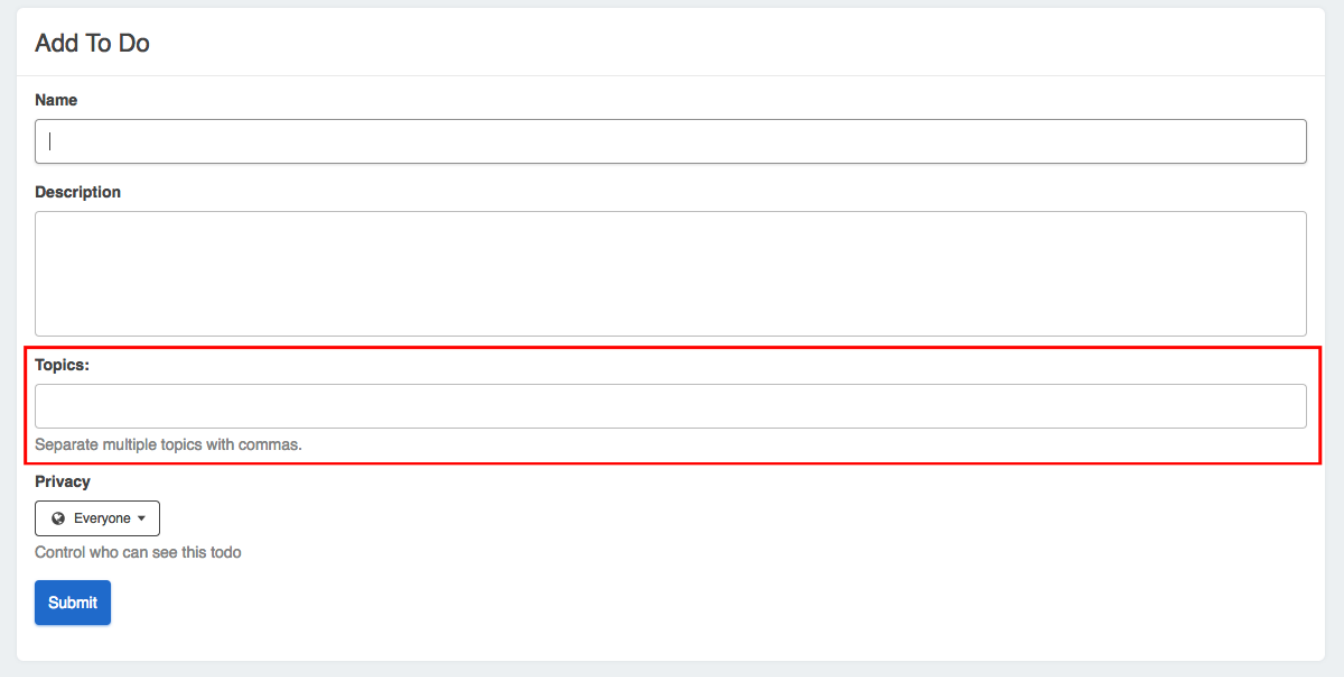
Tags

- `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}
```



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

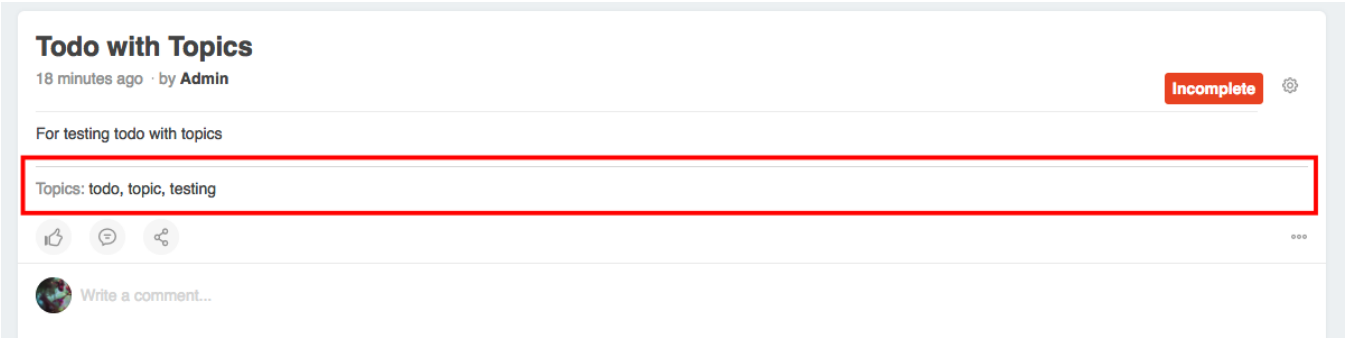
```
// Add this php code in service add
if (Phpfox::isModule('tag') && Phpfox::getParam('tag.enable_tag_support')) {
    if (isset($aVals['tag_list']) && ((is_array($aVals['tag_list']) && count($aVals['tag_list'])) || (!empty
($aVals['tag_list'])))) {
        Phpfox::getService('tag.process')->add('todo',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

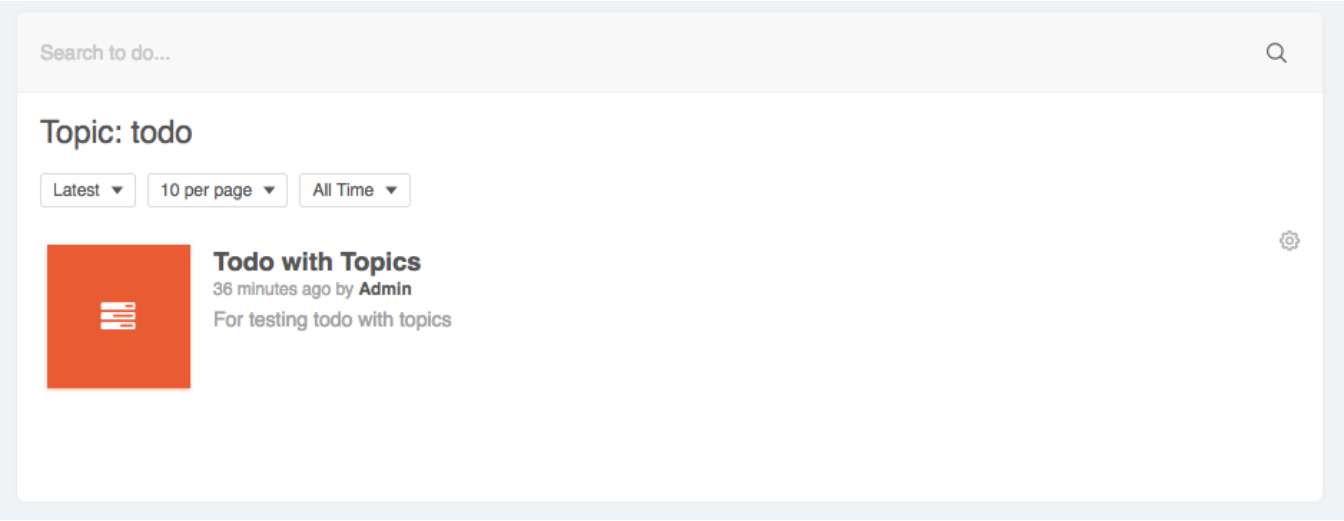
```
<!-- Add this code in view template -->
{if isset($aItem.tag_list)}
    {module name='tag.item' sType='todo' sTags=$aItem.tag_list iItemId=$aItem.task_id iUserId=$aItem.user_id
sMicroKeywords='keywords'}
{/if}
```



- 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



Hashtags

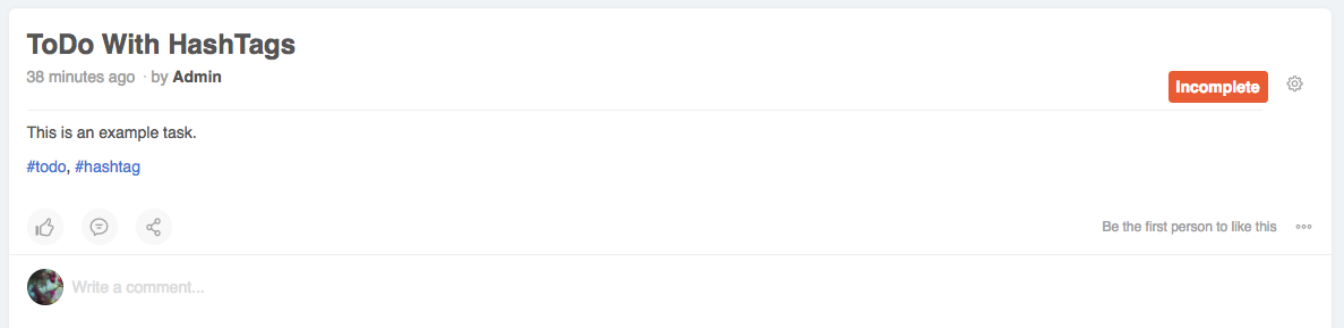
- `Scope`: using for entire site. You can support to add hashtags in description of your items.
- `Related Setting`: **Enable Hashtags** (tag.enable_hashtag_support) - *Enable this option if you wish to allow hashtags on the site to create topics for the item being added.*

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}
```