

Joomla! Extensions

Writing Modules

Modules

News & Events

Latest Events

- APR**
13 [HUBbub 2010](#)
Workshop for the HUBzero User Community
What's the hubbub? A platform fo ...

[More events >](#)

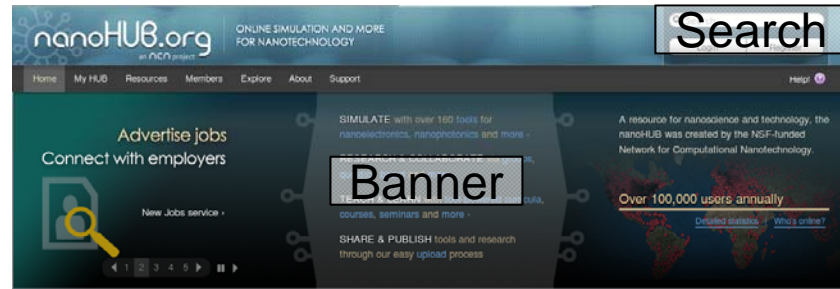
Latest News

- FEB**
17 [Doing science on the hub](#)
International Science Grid This Week -
Feature The HUBzero platform will ...
- NOV**
16 [Purdue Highlights Cloud Computing Tools at SC09](#)
Facebook for scientists -- but built to facilitate
serious research rather ...
- SEP**
12 [Purdue receives \\$105M to lead earthquake engineering network](#)
Advancing research and education to reduce
the devastation and loss of ...

[More news >](#)

Module Positioning - Slot

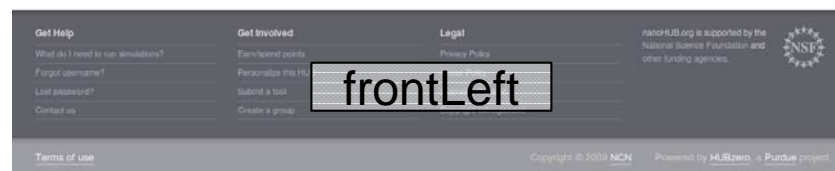
```
<jdoc:include
type="modules"
name="banner" />
```



frontResources | spotlight | frontFarRight

title	ordering	position	published
New in Resources	2	frontFarRight	1
Resources	1	frontResources	1
Featured	1	spotlight	1
Random Quote	0	frontFarRight	1

```
{xhub:module
position="spotlight"}
```



Module Administration

Site Menus Content Components **Extensions** Tools Help Preview 0 1 Logout

Module Manager

Site Administrator

- Install/Uninstall
- Module Manager**
- Plugin Manager
- Template Manager
- Language Manager

Enable Disable Copy Delete Edit New Help

Filter: Go Reset - Select Template - - Select Position - - Select Type - - Select State -

#	<input type="checkbox"/>	Module Name▲	Enabled	Order	Access Level	Position	Pages	Type	ID
1	<input type="checkbox"/>	About	✓	3	Public	left	Varies	mod_mainmenu	17

```
mysql> select title, published, ordering, access, position, (select group_concat(menuid) from jos_modules_menu where moduleid = id) as pages, module, id from jos_modules where module not in ('mod_menu', 'mod_submenu', 'mod_dashboard') order by title limit 10;
```

title	published	ordering	access	position	pages	module	id
About	1	3	0	left	9,17,20,21,22,57,58,59,60	mod_mainmenu	17
Announcements	1	3	0	frontLeft	4	mod_events_latest	99
default	0	2	0	left	0	mod_mainmenu	51
Events Announcements	0	1	0	frontRight	4	mod_news	56
Events Calendar	0	1	0	frontLeft	4	mod_events_cal	53
Extended Statistics	1	4	0	userInfo	NULL	mod_xstats	77
Extended Who is Online	1	3	0	userInfo	NULL	mod_xwhosonline	62
Featured Profile	1	3	0	feature	0	mod_featuredmember	88
Featured Question	1	4	0	feature	4	mod_featuredquestion	93
Featured Resource	1	2	0	feature	0	mod_featuredresource	89

10 Featured Resource ✓ 2 Public feature All mod_featuredresource 89

Module Positioning - Pages

Details

Module Type:	mod_mainmenu
Title:	About
Show Title:	<input type="radio"/> No <input checked="" type="radio"/> Yes
Enabled:	<input type="radio"/> No <input checked="" type="radio"/> Yes
Position:	left
Order:	3::About
Access Level:	Public Registered Special
ID:	17
Description:	Displays a Menu.

Menu Assignment

Menus:	<input type="radio"/> All <input type="radio"/> None <input checked="" type="radio"/> Select Menu Item(s) from the List
Menu Selection:	<p>about</p> <ul style="list-style-type: none"> - About Us - Participants - Partners - Middleware - Our Cyberinfrastructure - Contact Us - Link to us - Travel Information - - Notable Quotes - Usage Metrics - In The News - - Nanotechnology Links

```
mysql> select position, jos_menu.name from jos_modules
left join jos_modules_menu on moduleid = jos_modules.id
inner join jos_menu on jos_menu.id = menuid where modu
le = 'mod_mainmenu';
```

position	name
left	About
left	Copyright Infringement Notification
left	Feedback
left	In The News
left	About Us
left	Notable Quotes
left	Partners
left	Abuse Policy
left	Privacy Policy
left	Terms of Use
left	Legal
left	Licensing Content
left	Copyright Infringement

13 rows in set (0.00 sec)

Get your questions answered and help others find the clues on the HUBzero Answers forum. For your participation you can even earn points and spend them in the HUBzero store.

Usage for prior 12 months

- Users
- Resources
- Tools
- Simulations
- Who's online?

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CURRENT TIME
Friday, April 4 2010

FEATURED TOOL

ABACUS - Assembly of Basic Applications for Coordinated Understanding of Semiconductors: One-stop-shop for teaching semiconductor device education

FEATURED ONLINE PRESENTATION

Funding Opportunities for Bilateral Activities between USA and India:

ULATE

SEARCH

ACH & LEARN

s and Assignments for Classes

o 101 / Nano 501

ductory tutorials

iculum on Nanotechnology

TOP

ABA

cours

educ

mate

mole

nano

nano

nano

nano

NSF

mod_currenttime: Administration



Module: [Edit]



Details

Module Type: **mod_currenttime**

Title:

Show Title: No Yes

Enabled: No Yes

Position:

```
<?xml version="1.0" encoding="utf-8"?>
<install type="module" version="1.5.0">
  <name>Current Time</name>
  <author>HUBzero</author>
  <creationDate>April 2010</creationDate>
  <version>1.5.0</version>
  <description>Show the current time in a given format</description>
  <files>
    <filename module="mod_currenttime">mod_currenttime.php</filename>
  </files>
  <params>
    <param name="format" type="text" default="l, F n Y" [label="Date format"
      description="As supplied to PHP's date() function, see http://php.net/manual/en/function.date.php" />
  </params>
</install>
```

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- Copyright Infringement

mainmenu

Home

Parameters

Module Parameters

Date format


mod_currenttime: PHP


```
<?php  
$params = new JParameter(JModuleHelper::getModule('currenttime')->params);  
echo '<p>' . date($params->get('format')) . '</p>';
```


Exercise! mod_countdown

Get your questions answered and help others find the clues on the HUBzero Answers forum. For your participation you can even earn points and spend them in the HUBzero store. [Learn more ▶](#)

COUNTDOWN
1 year left until HubBub 2011!

FEATURED TOOL

ABACUS - Assembly of Basic Applications for Coordinating
Understanding of Semiconductors: One-stop-shop for teaching semiconductor device education

FEATURED ONLINE PRESENTATION


LATE
ARCH
H & LEARN
 and Assignments for Classes
 01 / Nano 501
 ctory tutorials
 lum on Nanotechnology

Exercise! mod_countdown

- Download http://hubzero.org/mod_currenttime.tar
 - » Extract to a temporary directory
 - ✓ `wget http://hubzero.org/mod_currenttime.tar && tar xvf com_currenttime.tar /www/myhub/tmp/`
 - » Rename files
 - » Edit XML
 - ✓ Module name
 - ✓ File names
 - ✓ Add calendar parameter
 - ✓ Change text parameter to request date description

Exercise! mod_countdown

- Install from temporary directory
- Visit administration to verify install
 - » Enter a date with the calendar widget & enter a bit of text describing the significance of that date
- Edit the module PHP
 - » `text_date_diff()` included

MVC Modules

- Models
 - » extend JModel
 - » share with component and administration interface(s) if possible
- Controllers
 - » extend JController
- Views
 - » create template files:
 - ✓ modules/mod_foo/tmpl/bar.php
 - » use helper to load the appropriate template:
 - ✓ require JModuleHelper::getLayoutPath('mod_foo', 'bar');