



Sesi Pengenalan & Praktikal Pembangunan Web Joomla 3

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(Isnin – Selasa)

Apakah Content Management System (CMS)

- CMS ialah aplikasi web yang digunakan untuk mencipta, menyimpan, mengurus dan menggunakan kandungan laman web seperti teks, gambar, video dan bermacam lagi.
- Tidak perlu kepada pengetahuan mendalam dalam Markup Language (HTML) dan Programming Language (PHP)
- Memudahkan pengurusan kandungan laman web
- Contoh CMS: Joomla, Wordpress dan Drupal

Asas Pengenalan Struktur Joomla

- Terbahagi kepada 2 bahagian, **Front-End** dan **Back-End**
- **Front-End** => paparan yang akan diakses dan dilihat oleh pengguna
- **Back-End** => paparan yang akan diakses oleh pentadbir untuk mengurus kandungan web
- **Front-End** dan **Back-End**, terdiri daripada Template, Component, Modules dan Plugin.
- **Template** => mengawal keseluruhan reka letak dan persembahan visual kandungan dikenali sebagai *positions*
- **Extension (Component, Modules dan Plugin)** => Komponen yang menyediakan fungsi utama web Joomla

Keperluan Perisian Untuk Menggunakan Joomla

- Fail aplikasi joomla, download di <https://www.joomla.org>
- Web Server (Apache/Nginx + PHP)
- Pengkalan data (MySQL/mariadb)
- Gunakan pakej web server ,xampp untuk tujuan pembangunan (<https://xampp.org>)
- Pakej web server (xampp,wamp, dan lain-lain) tidak sesuai untuk kegunaan *public access*, hanya semata untuk tujuan pembangunan sahaja.

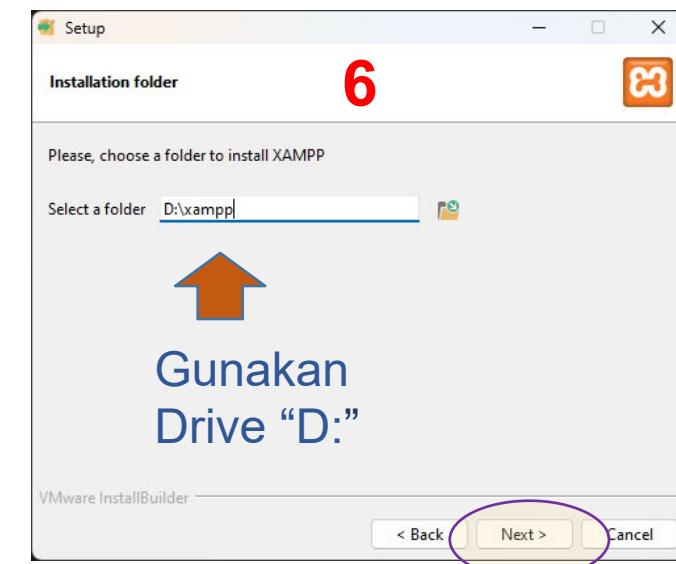
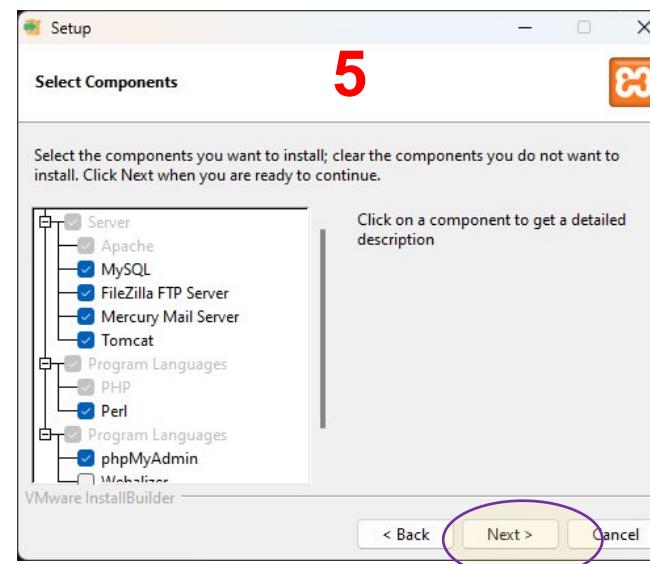
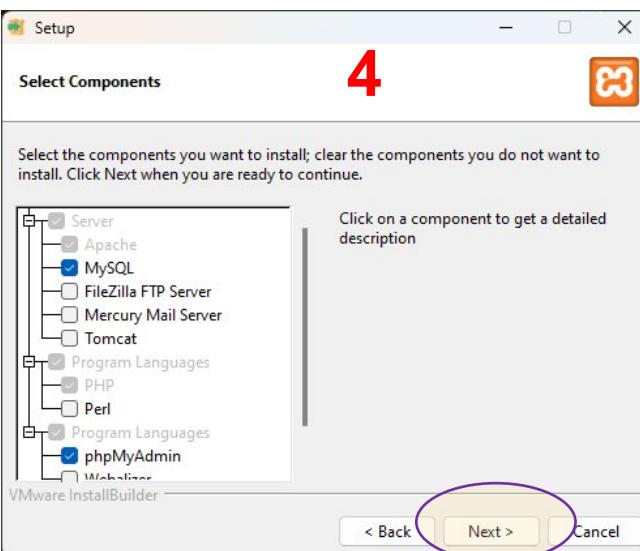
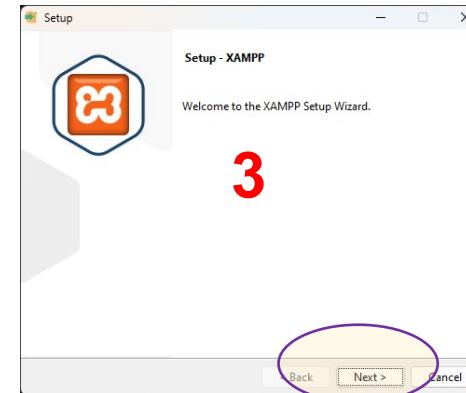
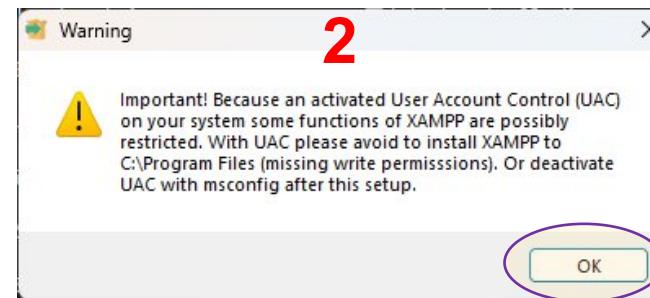
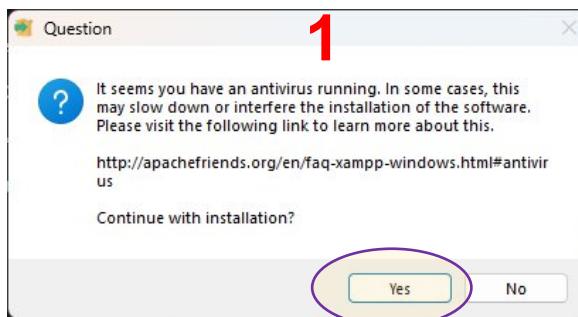
Pemasangan Pakej Web Server

- Muat turun fail joomla <https://www.joomla.org>
- Muat turun fail xampp (<https://xampp.org>)

untuk kegunaan dalam kelas boleh muat turun di
<https://tinyurl.com/joomlapenang>

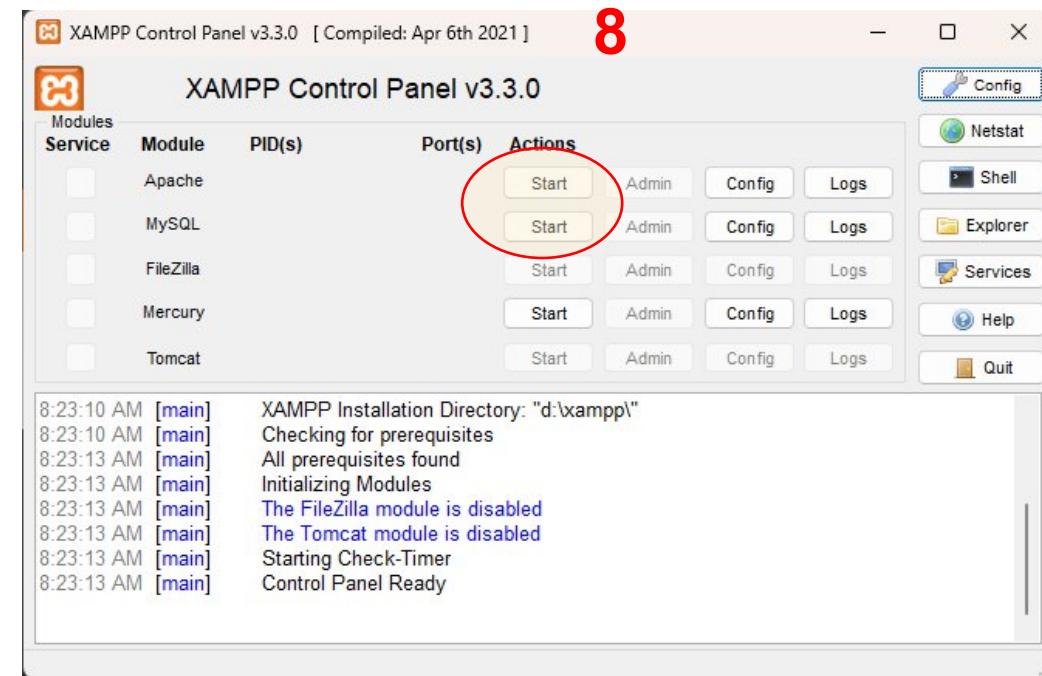
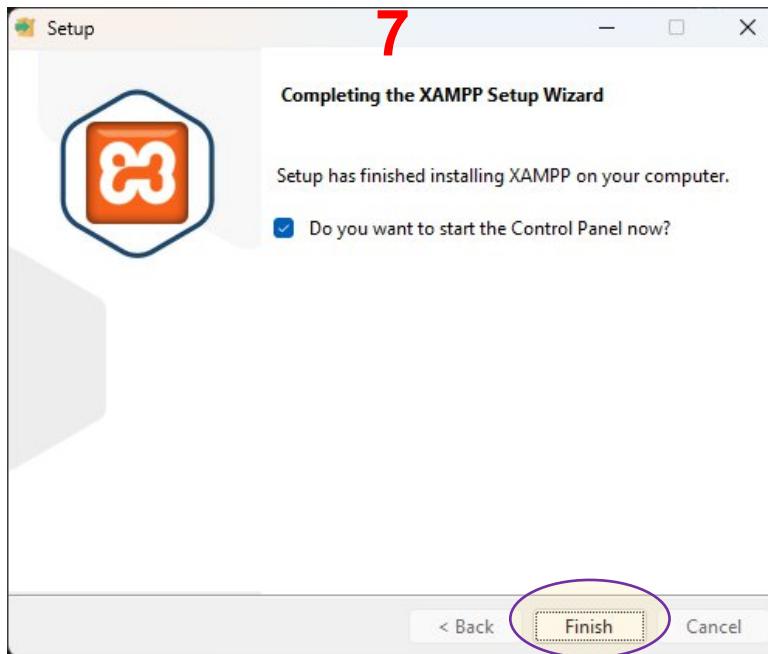
Pemasangan Pakej Web Server

Installasi Xampp Web Server



Pemasangan Pakej Web Server

Installasi Xampp Web Server - Tamat



klik start pada “Apache” dan “MySQL”

Langkah Pemasangan Joomla

- Extract fail Zip Joomla 3.10 yang telah didownload kedalam D:\xampp\htdocs (lokasi xampp semasa installasi)
- Cipta pengkalan data menggunakan PHPMYADMIN
 - Buka Browser (Edge, Chrome) dan ke URL <http://localhost/phpmyadmin>
 - klik “New” -> taip nama pengkalan data dalam kotak “Database Name” dan klik “Create”
- Taip pada url : http://localhost/<folder_joomla_extracted> (nama folder joomla yang telah di *extract* tadi.

Langkah Pemasangan Joomla

 Joomla!

Joomla! is free software released under the [GNU General Public License](#).

1 Configuration 2 Database 3 Overview

Select Language English (United States) ▾

Main Configuration

| | | | |
|--|--|---|----------------------|
| Site Name * | <input type="text"/> | Super User Account Details | |
| Enter the name of your Joomla! site. | | Email * | <input type="text"/> |
| Description | <input type="text"/> | Enter an email address. This will be the email address of the website Super User. | |
| Enter a description of the overall website that is to be used by search engines. Generally, a maximum of 20 words is best. | | Username * | <input type="text"/> |
| | | Set the username for your Super User account. | |
| | | Password * | <input type="text"/> |
| | | Set the password for your Super User account and confirm it in the field below. | |
| | | Confirm Password * | <input type="text"/> |
| Site Offline | <input type="button" value="Yes"/> <input type="button" value="No"/> | Set the site Frontend offline when installation is completed. The site can be set online later on through the Global Configuration. | |

→ Next

“Site Name” - Nama Web, cth: Laman Rasmi Taman Semarak

“Description” - Penerangan web, cth: Taman Semarak , Taman Tercantik di Pulau Pinang

 Joomla!

Joomla! is free software released under the [GNU General Public License](#).

1 Configuration 2 Database 3 Overview

← Previous → Next

Database Configuration

| | | |
|------------------------|---|---|
| Database Type * | <input type="text" value="MySQLi"/> | This is probably "MySQLi". |
| Host Name * | <input type="text" value="10.10.0.100"/> | This is usually "localhost" or a name provided by your host. |
| Username * | <input type="text" value="root"/> | Either a username you created or a username provided by your host. |
| Password | <input type="text" value="****"/> | For site security using a password for the database account is mandatory. |
| Database Name * | <input type="text" value="dbjoomla3"/> | Some hosts allow only a certain DB name per site. Use table prefix in this case for distinct Joomla! sites. |
| Table Prefix * | <input type="text" value="jom3_"/> | Create a table prefix or use the randomly generated one. Ideally four or five characters long, it may only have alphanumeric characters and MUST end in an underscore. Make sure that the prefix chosen is not already used by other tables. |
| Old Database Process * | <input type="button" value="Backup"/> <input type="button" value="Remove"/> | "Backup" or "Remove" any existing tables from former Joomla! installations with the same "Table Prefix". |

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Maklumat Pengkalan Data yang telah dicipta sebelum ini

Langkah Pemasangan Joomla

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Finalization

Install Sample Data None (Required for basic native multilingual site creation) Blog English (GB) Sample Data Brochure English (GB) Sample Data Default English (GB) Sample Data Learn Joomla English (GB) Sample Data

Installing sample data is strongly recommended for beginners.
This will install sample content that is included in the Joomla! installation package.

Overview

Email Configuration Yes No
Send configuration settings to admin@abit.com by email after installation.

Main Configuration

| | |
|--------------|--|
| Site Name | Laman Rasmi Jabatan IT |
| Description | Laman web rasmi Jabatan IT Pulau Pinang |
| Site Offline | No |
| Email | admin@abit.com |
| Username | admin |

Database Configuration

| | |
|----------------------|-------------|
| Database Type | mysqli |
| Host Name | 10.10.0.100 |
| Username | root |
| Database Name | dbjoomla3 |
| Table Prefix | jom3_ |
| Old Database Process | Backup |

Main Configuration

| | |
|--------------|--|
| Site Name | Laman Rasmi Jabatan IT |
| Description | Laman web rasmi Jabatan IT Pulau Pinang |
| Site Offline | No |
| Email | admin@abit.com |
| Username | admin |

Database Configuration

| | |
|----------------------|-------------|
| Database Type | mysqli |
| Host Name | 10.10.0.100 |
| Username | root |
| Database Name | dbjoomla3 |
| Table Prefix | jom3_ |
| Old Database Process | Backup |

Main Configuration

| | |
|--------------|--|
| Site Name | Laman Rasmi Jabatan IT |
| Description | Laman web rasmi Jabatan IT Pulau Pinang |
| Site Offline | No |
| Email | admin@abit.com |
| Username | admin |

Database Configuration

| | |
|----------------------|-------------|
| Database Type | mysqli |
| Host Name | 10.10.0.100 |
| Username | root |
| Database Name | dbjoomla3 |
| Table Prefix | jom3_ |
| Old Database Process | Backup |

Pre-Installation Check

If any of these items are not supported (marked as **No**) then please take actions to correct them.
You can't install Joomla! until your setup meets the requirements below.

| | |
|--|-----|
| PHP Version >= 5.3.10 | Yes |
| Magic Quotes GPC Off | Yes |
| Register Globals Off | Yes |
| Zlib Compression Support | Yes |
| XML Support | Yes |
| Database Support: (mysqli, pdo, pdomysql, sqlite) | Yes |
| MB Language is Default | Yes |
| MB String Overload Off | Yes |
| INI Parser Support | Yes |
| JSON Support | Yes |
| configuration.php Writeable | Yes |

Recommended settings:

These settings are recommended for PHP to ensure full compatibility with Joomla.
However, Joomla! will still operate if your settings do not quite match the recommended configuration.

| Directive | Recommended | Actual |
|----------------------|-------------|--------|
| Safe Mode | Off | Off |
| Display Errors | Off | On |
| File Uploads | On | On |
| Magic Quotes Runtime | Off | Off |
| Output Buffering | Off | Off |
| Session Auto Start | Off | Off |
| Native ZIP support | On | Off |

Finalization

[← Previous](#) [Install](#)

Langkah Pemasangan Joomla

 Joomla!

Joomla! is free software released under the [GNU General Public License](#).

Congratulations! Joomla! is now installed.

Joomla! in your own language and/or automatic basic native multilingual site creation

Before removing the "installation" folder you can install extra languages. If you want to add extra languages to your Joomla! application select the following button.

[→ Extra steps: Install languages](#)

Note: you will need internet access for Joomla! to download and install the new languages.
Some server configurations won't allow Joomla! to install the languages. If this is your case, don't worry, you will be able to install them later using the Joomla! Administrator.

PLEASE REMEMBER TO COMPLETELY REMOVE THE INSTALLATION FOLDER.
You will not be able to proceed beyond this point until the "installation" folder has been removed. This is a security feature of Joomla!

[Remove "installation" folder](#)

[Site](#) [Administrator](#)

Administration Login Details

| | |
|----------|-----------------|
| Email | admin@jabit.com |
| Username | admin |

 Joomla!

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[1 Install Languages](#) [2 Choose Default Language](#) [3 Finish](#)

Install Language packages

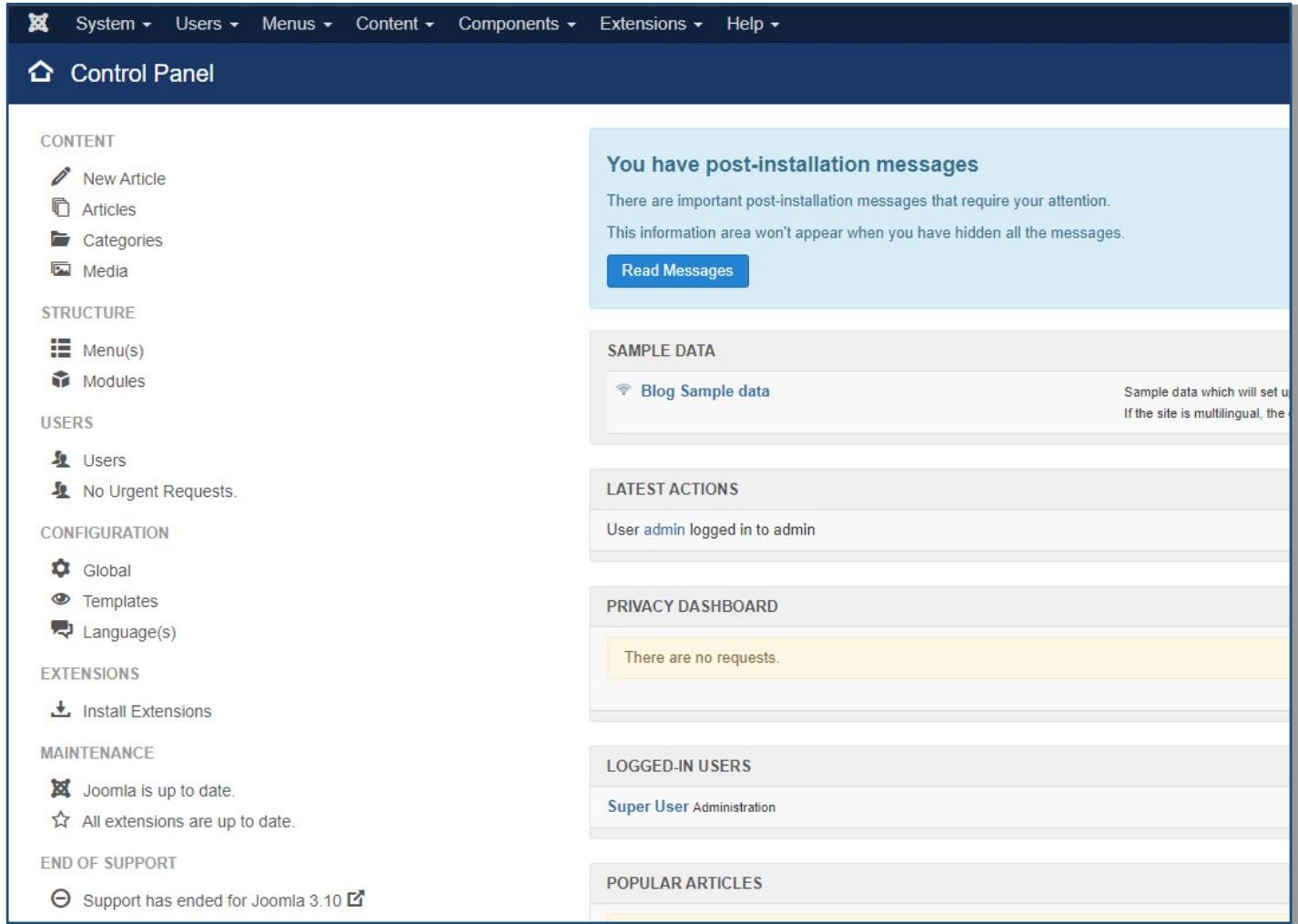
This operation will take up to 10 seconds per language to complete
Please wait while we download and install the languages ...

| Language | Language Tag | Version |
|---|--------------|-----------|
| <input type="checkbox"/> Afrikaans | af-ZA | 3.9.16.1 |
| <input type="checkbox"/> Albanian | sq-AL | 3.1.1.2 |
| <input type="checkbox"/> Arabic Unitag | ar-AA | 3.9.27.1 |
| <input type="checkbox"/> Armenian | hy-AM | 3.4.4.1 |
| <input type="checkbox"/> Basque | eu-ES | 3.9.24.1 |
| <input type="checkbox"/> Belarusian | be-BY | 3.2.1.2 |
| <input type="checkbox"/> Bengali, Bangladesh | bn-BD | 3.8.10.1 |
| <input type="checkbox"/> Bosnian | bs-BA | 3.9.24.1 |
| <input type="checkbox"/> Bulgarian | bg-BG | 3.6.5.2 |
| <input type="checkbox"/> Catalan | ca-ES | 3.9.23.1 |
| <input type="checkbox"/> Chinese, Simplified | zh-CN | 3.10.6.1 |
| <input type="checkbox"/> Chinese, Traditional | zh-TW | 3.8.0.1 |
| <input type="checkbox"/> Croatian | hr-HR | 3.10.11.1 |
| <input type="checkbox"/> Czech | cs-CZ | 3.10.11.1 |
| <input type="checkbox"/> Danish | da-DK | 3.10.10.1 |

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Joomla Administrator

- Buka browser dan taip url **http://localhost/<folder-joomla>/administrator/**



Joomla Administrator - pemasangan extension(*com,mod,plg*)

Menu :

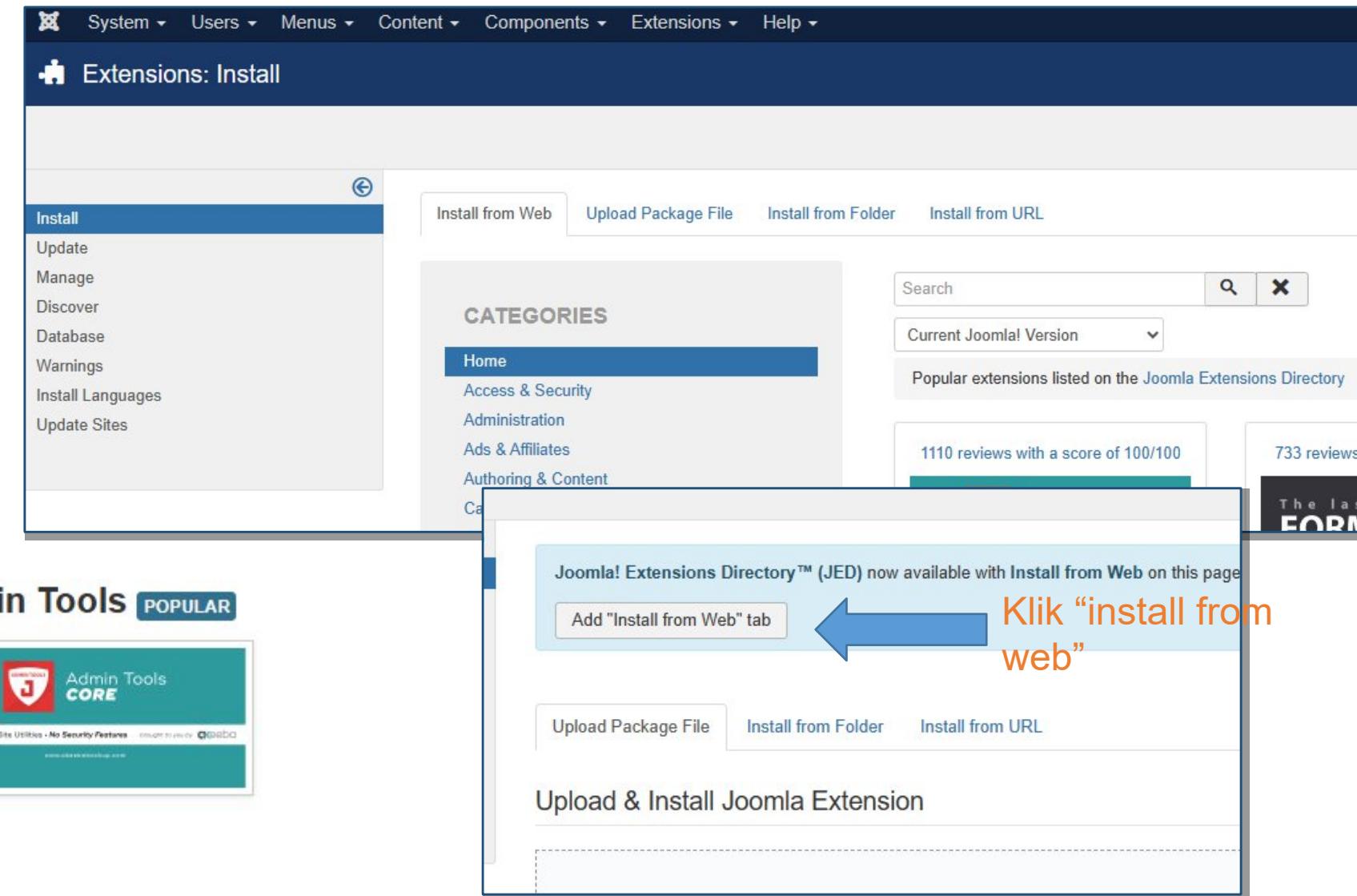
**Extensions > Manage > Install
> Install from Web**

1. JCE (WSIWYG Editor)
2. Akeeba Backup
3. Creative Image Slider
4. AllVideos
5. Admin Tools
6. RSFirewall (**Paid**)

JCE



leos **POPULAR**



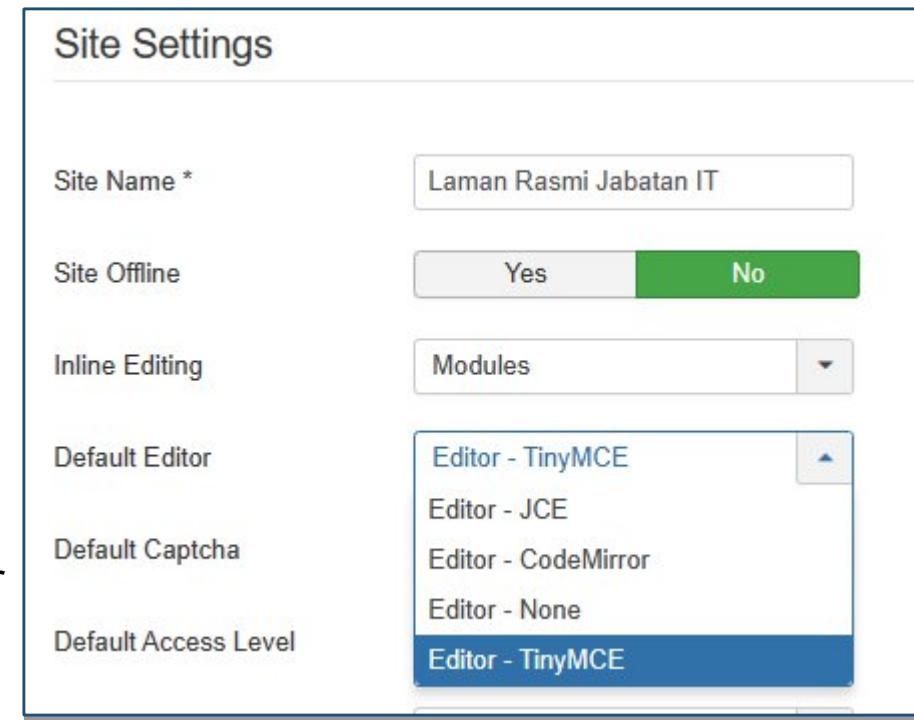
The screenshot shows the Joomla administrator interface under the 'Extensions' menu. The 'Install' sub-menu is selected. On the right, there's a sidebar with categories like Home, Access & Security, Administration, Ads & Affiliates, and Authoring & Content. Below the sidebar, a message says 'Joomla! Extensions Directory™ (JED) now available with Install from Web on this page'. A blue arrow points to the 'Add "Install from Web" tab' button. At the bottom, there are tabs for 'Upload Package File', 'Install from Folder', and 'Install from URL'.

Joomla Administrator - JCE Editor WYSIWYG

Menu :

System > Global Configuration > Default Editor

Pilih “Editor - JCE” untuk enable WYSIWYG editor
Klik “Save & Close”



Joomla Administrator - Pengurusan Kandungan

Draf sebuah laman web syarikat penjual kopi.

1. Draf Menu pada laman web :

Cth: laman web produk kopi

Menus

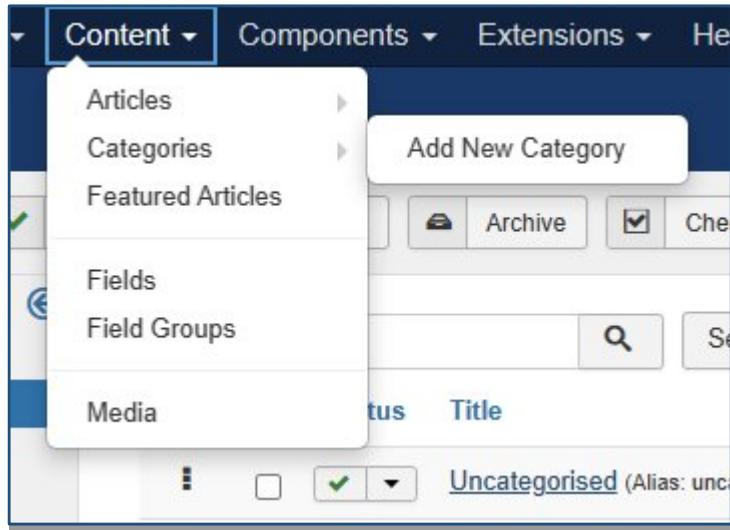
- Home
- Products
 - Coffee Blends
 - Specialty Drinks
 - Merchandise
- About Us
- Blog
- Contact Us

2. Draf Kategorikan kandungan web (Articles & Categories)

Categories

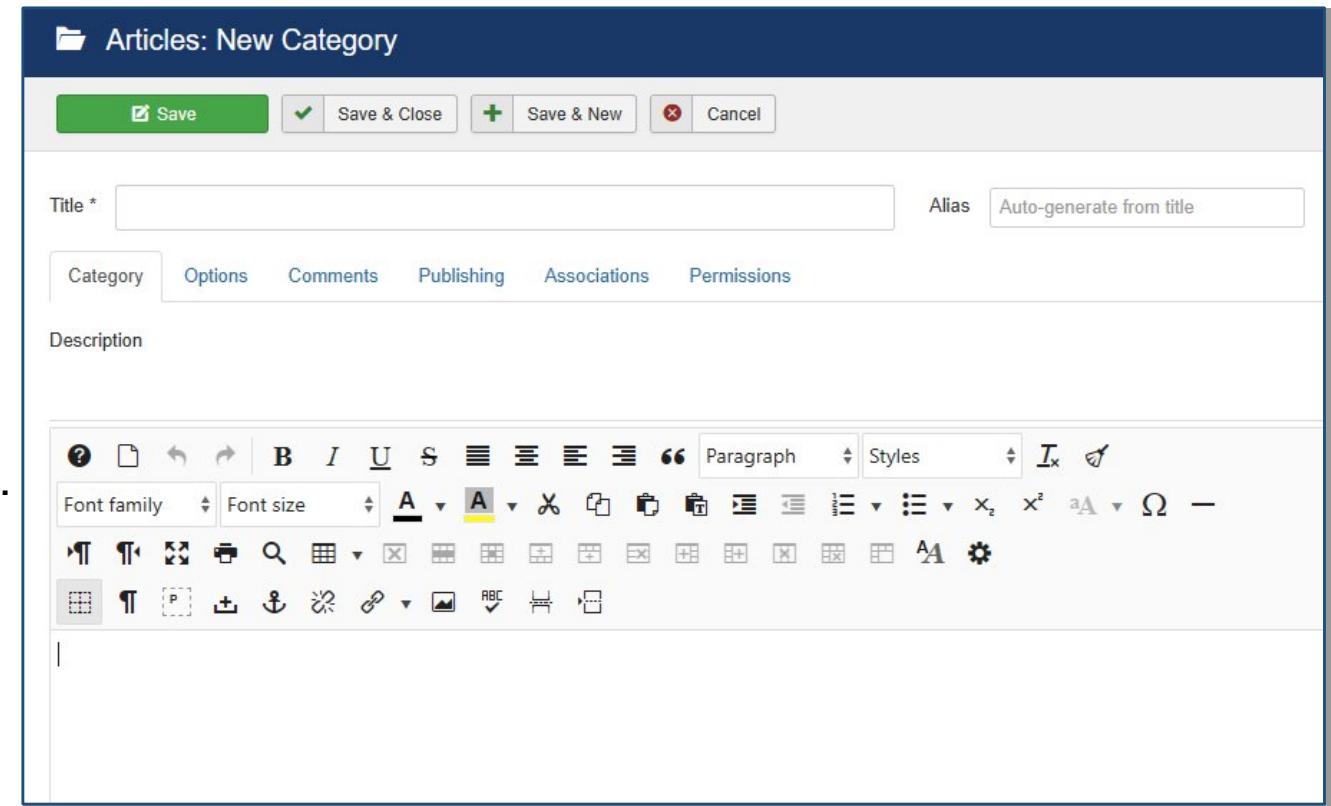
- Main Contents
- Products
- Blogs

Joomla Administrator - Urus “Categories”



Menu :

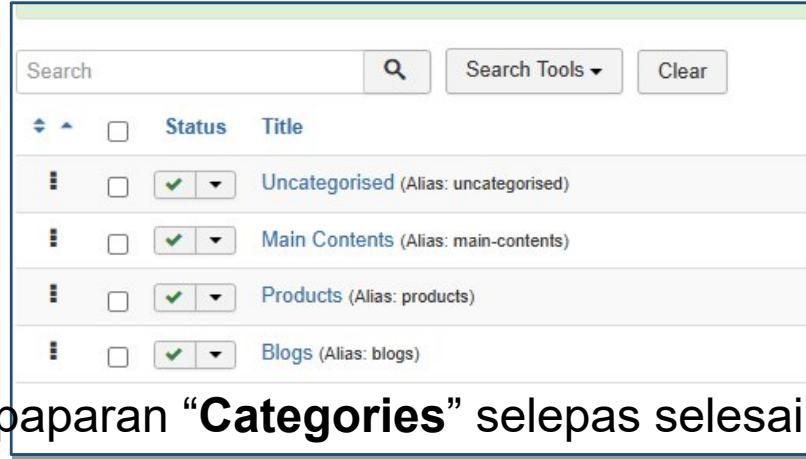
Content > Categories > Add New Category



The screenshot shows the 'Articles: New Category' form. At the top, there are four buttons: 'Save' (green), 'Save & Close' (light green), 'Save & New' (grey), and 'Cancel' (red). Below these are fields for 'Title *' and 'Alias'. A 'Category' tab is selected, showing other tabs for 'Options', 'Comments', 'Publishing', 'Associations', and 'Permissions'. A 'Description' field is present. At the bottom is a large rich text editor toolbar with various formatting options like bold, italic, underline, and alignment.

Taip nama kategori dalam kotak “**Title**”.
Ruangan “**Description**” boleh
kosongkan atau tulis apa-apa nota
berkaitan kategori tersebut

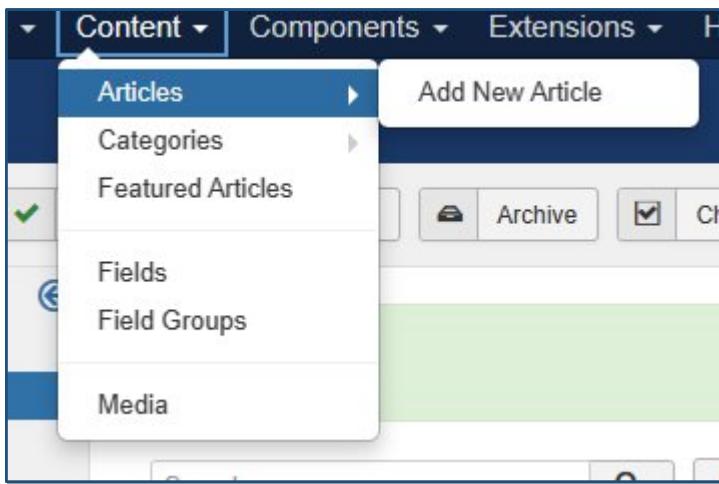
Joomla Administrator - Urus “Articles”



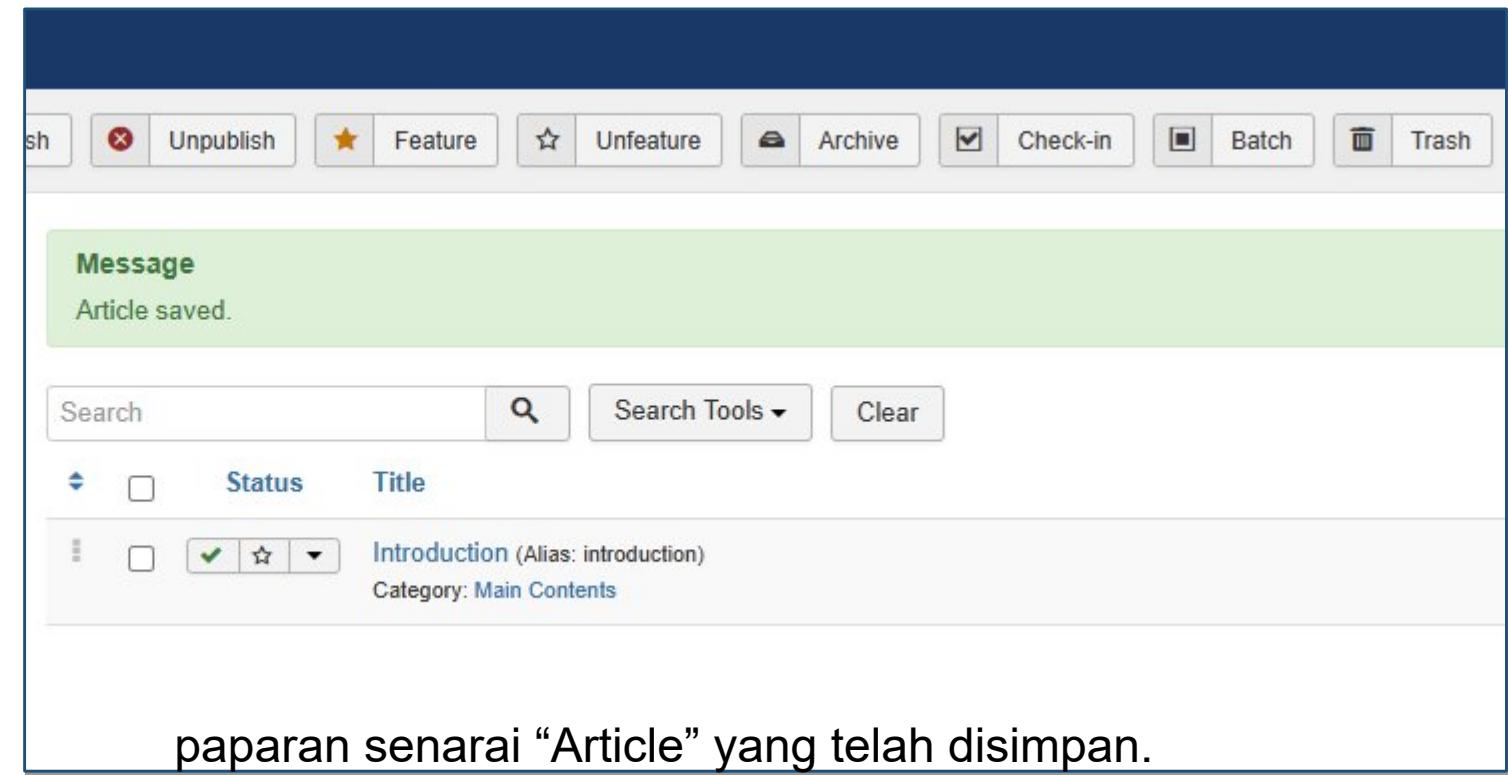
Search Search Tools Clear
Status Title
Uncategorised (Alias: uncategorised)
Main Contents (Alias: main-contents)
Products (Alias: products)
Blogs (Alias: blogs)

paparan “Categories” selepas selesai.

Menu :
Content > Articles > Add New Category



Content Components Extensions Help
Articles Categories Featured Articles Fields Field Groups Media
Add New Article Archive Check-in



sh Unpublish Feature Unfeature Archive Check-in Batch Trash

Message
Article saved.

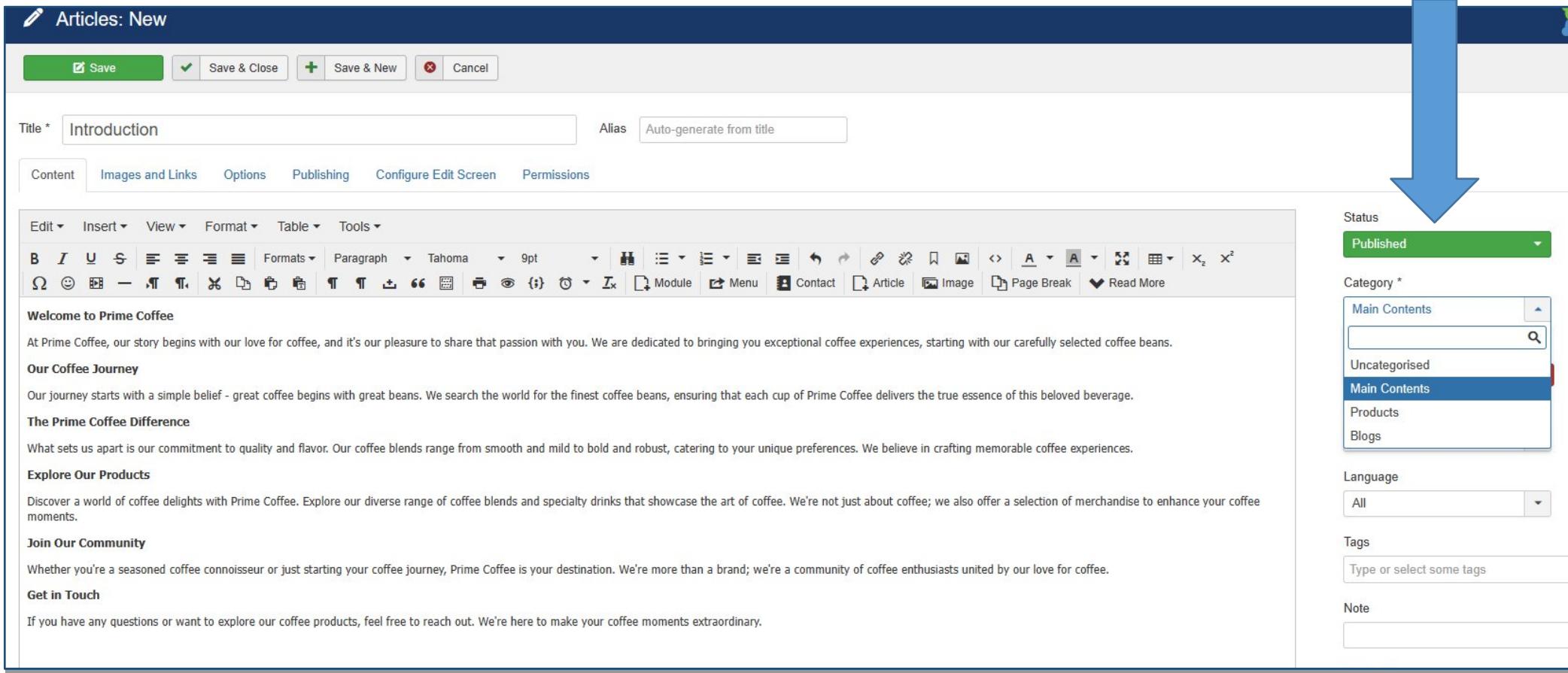
Search Search Tools Clear
Status Title
Introduction (Alias: introduction)
Category: Main Contents

paparan senarai “Article” yang telah disimpan.

Joomla Administrator - “Articles”

paparan “New Article”

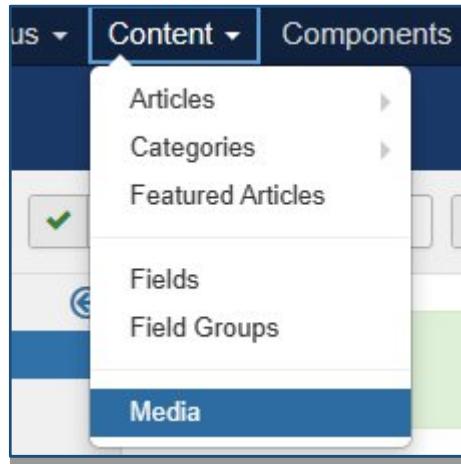
Pastikan “Category” dipilih mengikut draf yang telah dibuat



The screenshot shows the Joomla 'Articles: New' editor interface. At the top, there are four buttons: 'Save' (green), 'Save & Close' (light green), 'Save & New' (blue), and 'Cancel' (red). Below these are fields for 'Title' (containing 'Introduction') and 'Alias' (set to 'Auto-generate from title'). A navigation bar includes tabs for 'Content', 'Images and Links', 'Options', 'Publishing', 'Configure Edit Screen', and 'Permissions'. The main content area features a rich text editor toolbar with various formatting options like bold, italic, underline, and tables. The content itself is a block of text about Prime Coffee. To the right, a sidebar contains sections for 'Status' (set to 'Published'), 'Category' (with 'Main Contents' selected), 'Language' (set to 'All'), 'Tags' (a search field), and 'Note' (an empty text area). A large blue arrow points downwards from the text 'Pastikan “Category” dipilih mengikut draf yang telah dibuat' towards the 'Category' dropdown menu.

Joomla Administrator - Media (Muat Naik Gambar)

Menu :
Content > Media



A screenshot of the Joomla Media Manager. The top bar has 'Media' selected. It includes buttons for 'Upload', 'Create New Folder', and 'Delete'. Below is a list of 'Media Folders': banners, headers, sampledata, fruitshop, parks, animals, and landscape. On the right, there's a file upload area with a large blue arrow pointing up. It shows an 'Upload file' input field with 'Choose Files' and 'No file chosen', a 'Maximum upload size: 10.00 MB' limit, and a 'Start Upload' button. Below the upload area are three folder icons labeled 'banners', 'headers', and 'sampledata'. A blue arrow points from the 'Media Folders' list towards the upload area, and another blue arrow points from the upload area towards the folder icons.

Cipta "Folder" untuk memudahkan urusan gambar-gambar

Boleh muat-naik fail secara serentak

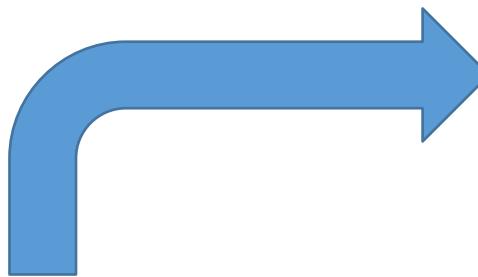
Joomla Administrator - Media (set size maksima)

Menu :
Options



Set maksima fail yang
dibenarkan dimuat-naik oleh
“Media”.

Set kepada “100” => 100 MB
Kemudian
“Save & Close”



Media Permissions

Legal Extensions (File Types)

Maximum Size (in MB)

Warning! Path Folder
Changing the 'Path to files folder' from the default of 'images' may break your links.
The 'Path to images' folder has to be the same or a subfolder of 'Path to files'.

Path to Files Folder

Path to Images Folder

Restrict Uploads Yes No

Check MIME Types Yes No

Legal Image Extensions (File Types)

Ignored Extensions

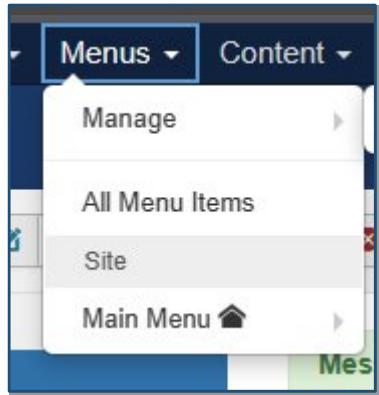
Legal MIME Types

Illegal MIME Types

Joomla Administrator - Article (insert image)

klick "image" dan dialogbox seperti sebelah kiri akan terpapar. Pilih folder dan image yang hendak di masukkan kedalam artikel.

Joomla Administrator - Menus

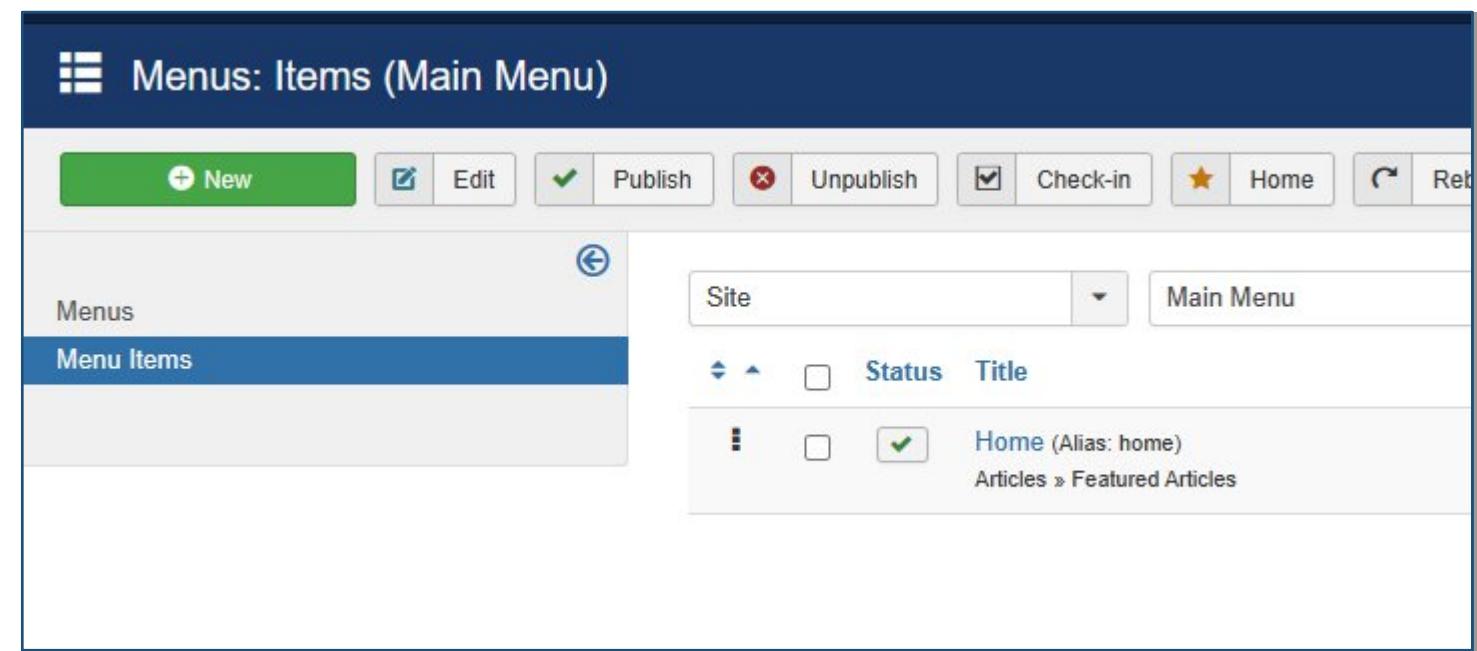


Menu :

Menus > Main Menu (default menu yang diberikan selepas setup joomla)

Menu :

New -> cipta menu baru



The screenshot shows the Joomla administrator interface for managing menus. The title bar says "Menus: Items (Main Menu)". Below it is a toolbar with buttons for "New", "Edit", "Publish", "Unpublish", "Check-in", "Home", and "Reb". On the left, there's a sidebar with "Menus" and "Menu Items" sections. The main area shows a table with one row for a menu item titled "Home (Alias: home)". The table columns are "Status" (with a checkbox), "Title" (with a checked checkbox), and "Home (Alias: home)".

| Status | Title | Home (Alias: home) |
|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Home (Alias: home) Articles » Featured Articles |

Joomla Administrator - Menus

Menus: New Item

Save Save & Close Save & New Cancel

Menu Title * Nama menu web Alias Auto-gen

Details Link Type Page Display Metadata Module Assignment

Menu Item Type * Select Jenis paparan:

Link

Target Window Parent

Template Style - Use Default -

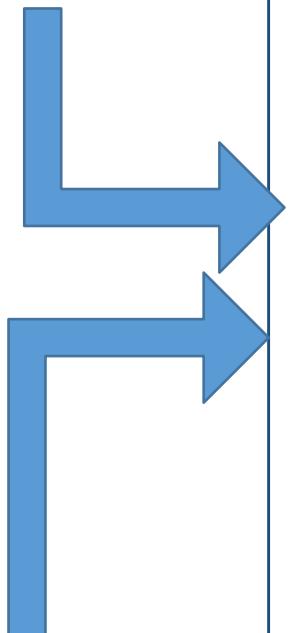
Menu Item Type

- Articles
- Configuration
- Contacts
- Creative Image Slider
- News Feeds
- Privacy
- Search
- Smart Search
- System Links
- Tags
- Users
- Wrapper

Joomla Administrator - Menus - About Us (Single Article)

Menu :

Select > Articles > Single Article



Save Save & Close Save & New Cancel

Menu Title * About Us Alias Auto-generate from title

Details Options Link Type Page Display Metadata Module Assignment

Menu Item Type * Single Article Select

Select Article * About Edit Clear

Link index.php?option=com_content&view=article

Target Window Parent

Template Style - Use Default -

This screenshot shows the Joomla administrator interface for creating a menu item. The 'Menu Title' is set to 'About Us'. The 'Menu Item Type' is selected as 'Single Article'. In the 'Select Article' field, the option 'About' is chosen, with edit and clear buttons available. The 'Link' field contains the URL 'index.php?option=com_content&view=article'. The 'Target Window' is set to 'Parent'. The 'Template Style' dropdown is set to '- Use Default -'. At the top right, there are four buttons: 'Save' (green), 'Save & Close' (light green), 'Save & New' (blue), and 'Cancel' (red). A large blue L-shaped arrow points from the 'Single Article' menu path text down to the 'Select Article' field.

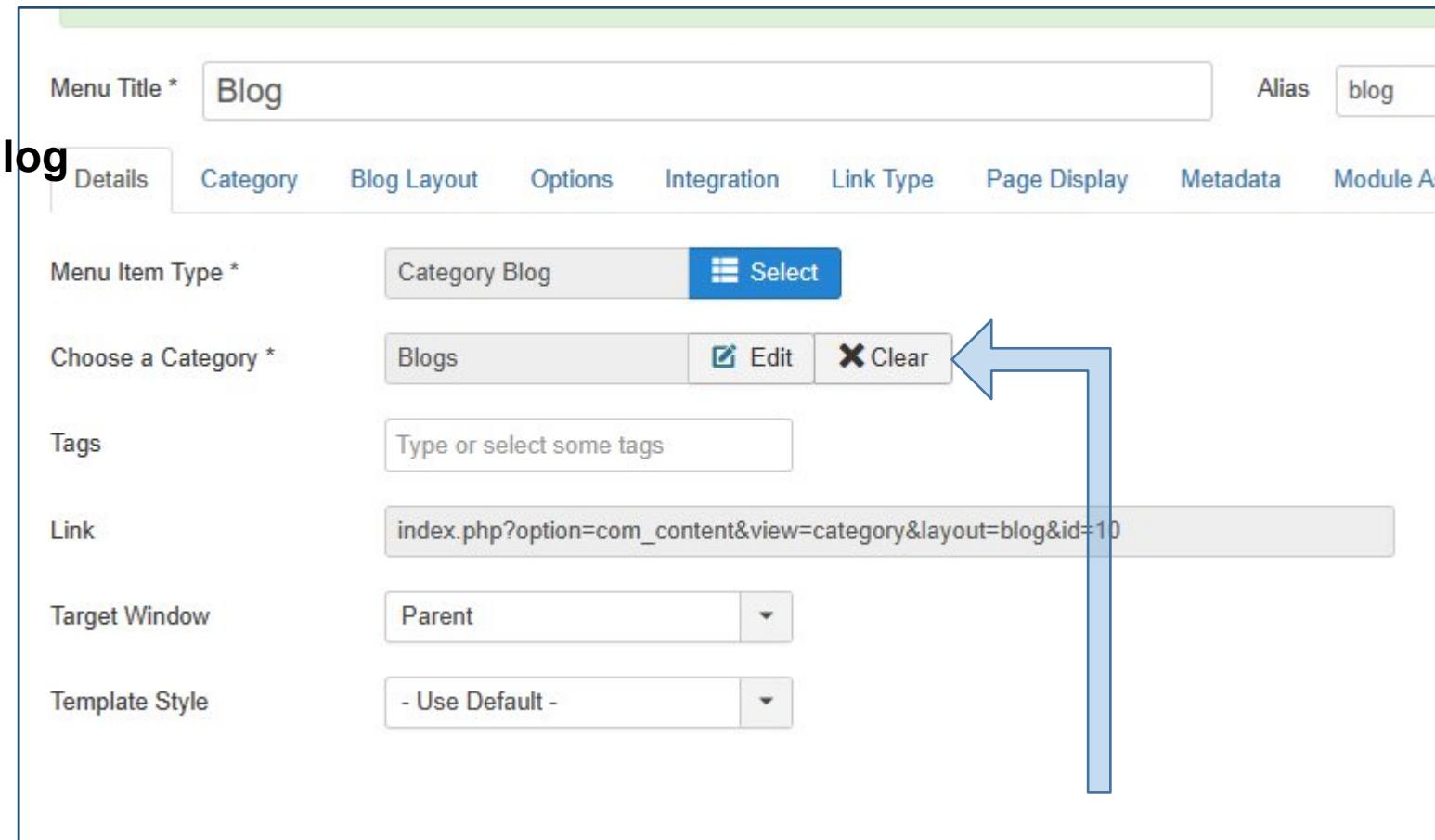
Menu :

Select > select or change article > (select your article entry)

Joomla Administrator - Menus - Blog (List of articles)

Menu :

Select > Articles > Category Blog



The screenshot shows the 'Category' tab selected in the Joomla administrator menu configuration. The 'Menu Title' is set to 'Blog' and the 'Alias' is 'blog'. The 'Menu Item Type' is set to 'Category Blog'. In the 'Choose a Category' field, 'Blogs' is selected, indicated by a checked checkbox and a blue 'Edit' button. A blue double-headed arrow highlights this selection. Below the category selection, there are fields for 'Tags' (a text input placeholder 'Type or select some tags'), 'Link' (a URL input field containing 'index.php?option=com_content&view=category&layout=blog&id=10'), 'Target Window' (a dropdown menu showing 'Parent'), and 'Template Style' (a dropdown menu showing '- Use Default -').

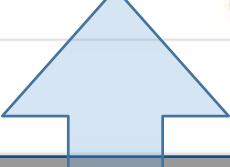
Menu :

Select > select or change category > (select your category name)

Joomla Administrator - Menus - Featured Article

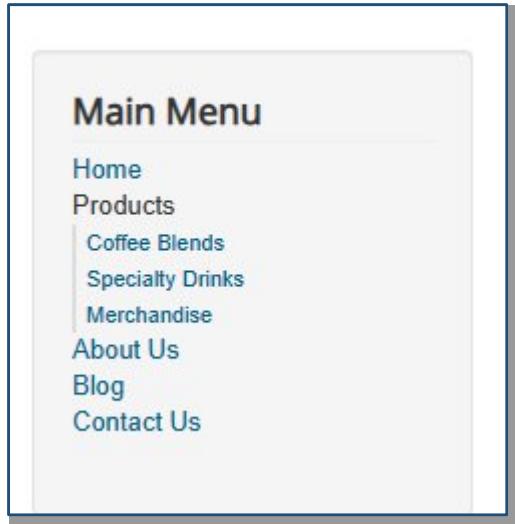
Category: Blogs

| | | | | | |
|--------------------------|-------------------------------------|--|--|--|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | Energize Your Workday with Prime Coffee (Alias: energize-your-workday-with-prime-coffee) Category: Blogs |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | Coffee Delight with the Countryside Community (Alias: coffee-delight-with-the-countryside-community) Category: Blogs |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | About (Alias: about) Category: Main Contents |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | Introduction (Alias: introduction) Category: Main Contents |



Klik start untuk jadikan artikel “Featured”
supaya akan diapaparkan di muka hadapan
website pada menu Home

Joomla Administrator - Menus Submenu



Paparan sub-menus Front-end

Menu *

Main Menu

Parent Item

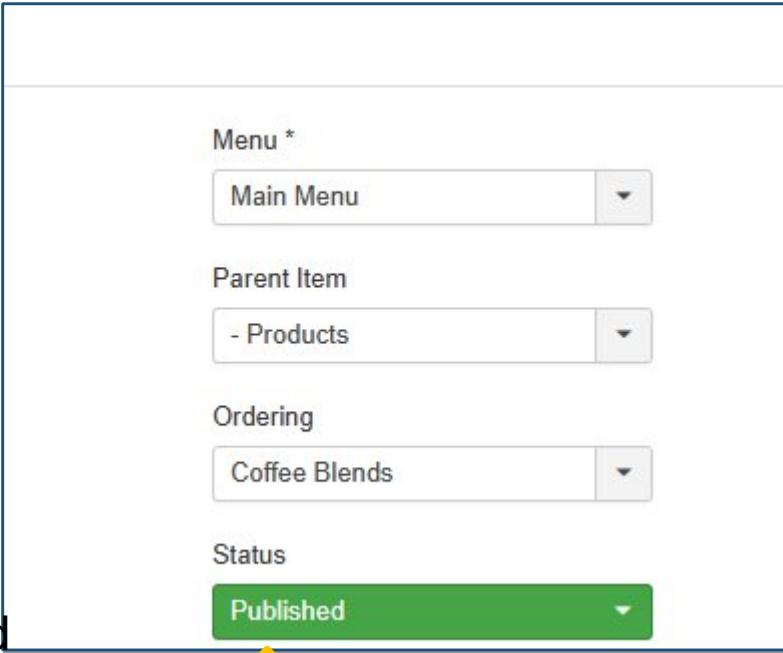
- Products

Ordering

Coffee Blends

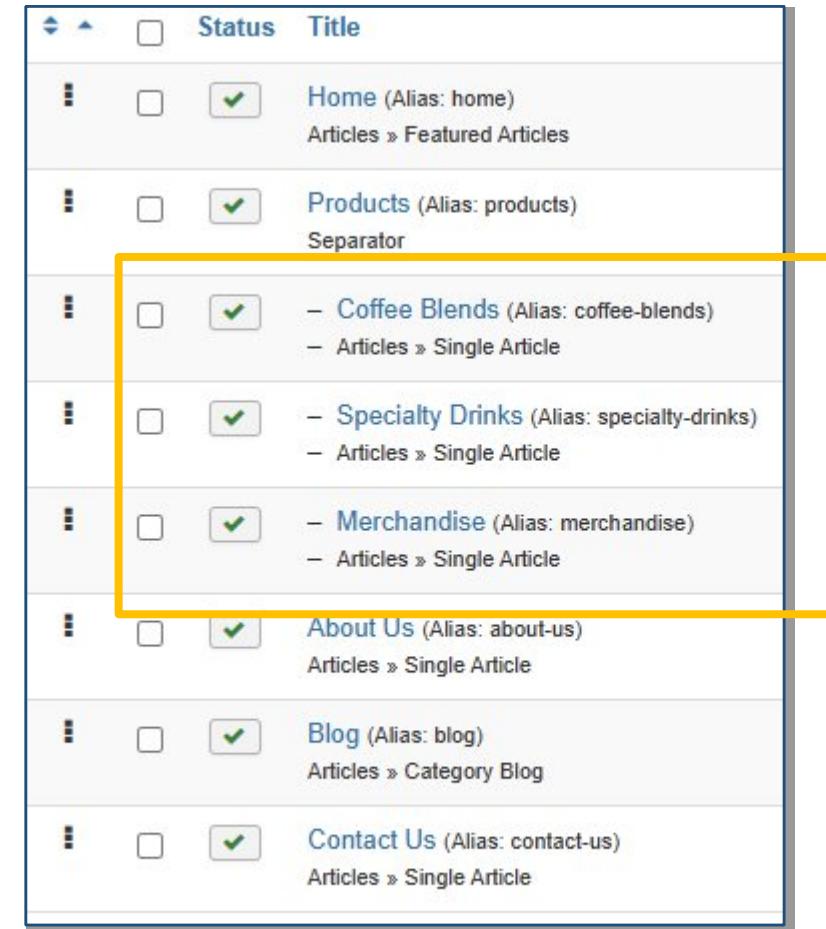
Status

Published



Cipta menu Single Article, kemudian pada sebelah kanan paparan, pilih “Parent Item” menu utama yang akan dijadikan “Parent” menu.

| | Status | Title |
|--|-------------------------------------|------------------------------|
| Home (Alias: home) | <input type="checkbox"/> | Articles » Featured Articles |
| Products (Alias: products) | <input type="checkbox"/> | Separator |
| – Coffee Blends (Alias: coffee-blends) | <input checked="" type="checkbox"/> | – Articles » Single Article |
| – Specialty Drinks (Alias: specialty-drinks) | <input checked="" type="checkbox"/> | – Articles » Single Article |
| – Merchandise (Alias: merchandise) | <input checked="" type="checkbox"/> | – Articles » Single Article |
| About Us (Alias: about-us) | <input type="checkbox"/> | Articles » Single Article |
| Blog (Alias: blog) | <input type="checkbox"/> | Articles » Category Blog |
| Contact Us (Alias: contact-us) | <input type="checkbox"/> | Articles » Single Article |



Paparan sub-menus Back-end

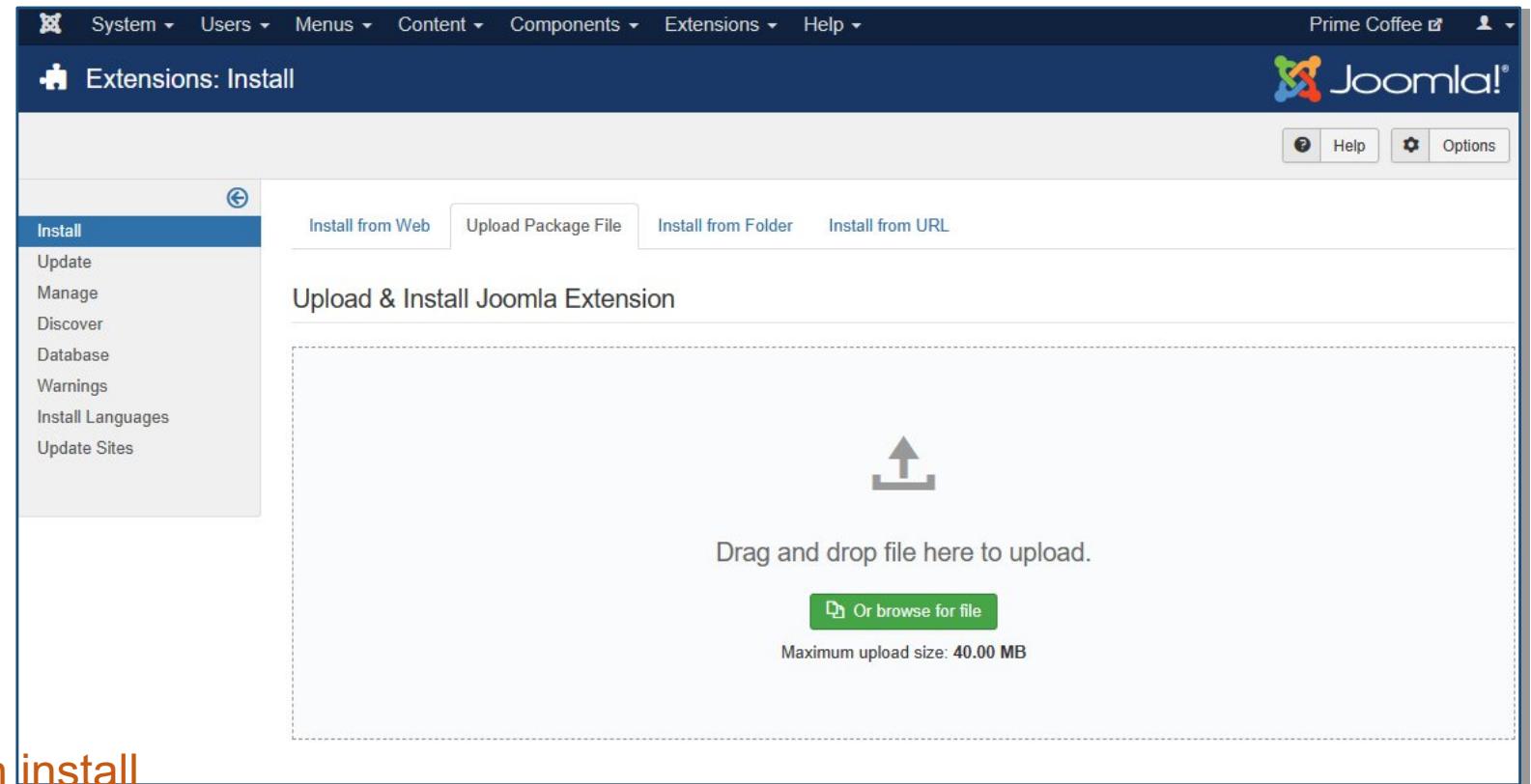
Joomla Administrator - Templates - pemasangan

Menu :
Extensions > Manage > Install

Pilih tab “Upload Packge File”

Browse file, dan pilih
fail: ***ja_start_template_2.0.4.zip***

selepas itu ulang langkah sama dan install
t4_system-plugin_2.3.3.zip



Nota:
pemasangan templates, dan extension
(componen,module,plugin) adalah sama.

Joomla Administrator - Templates

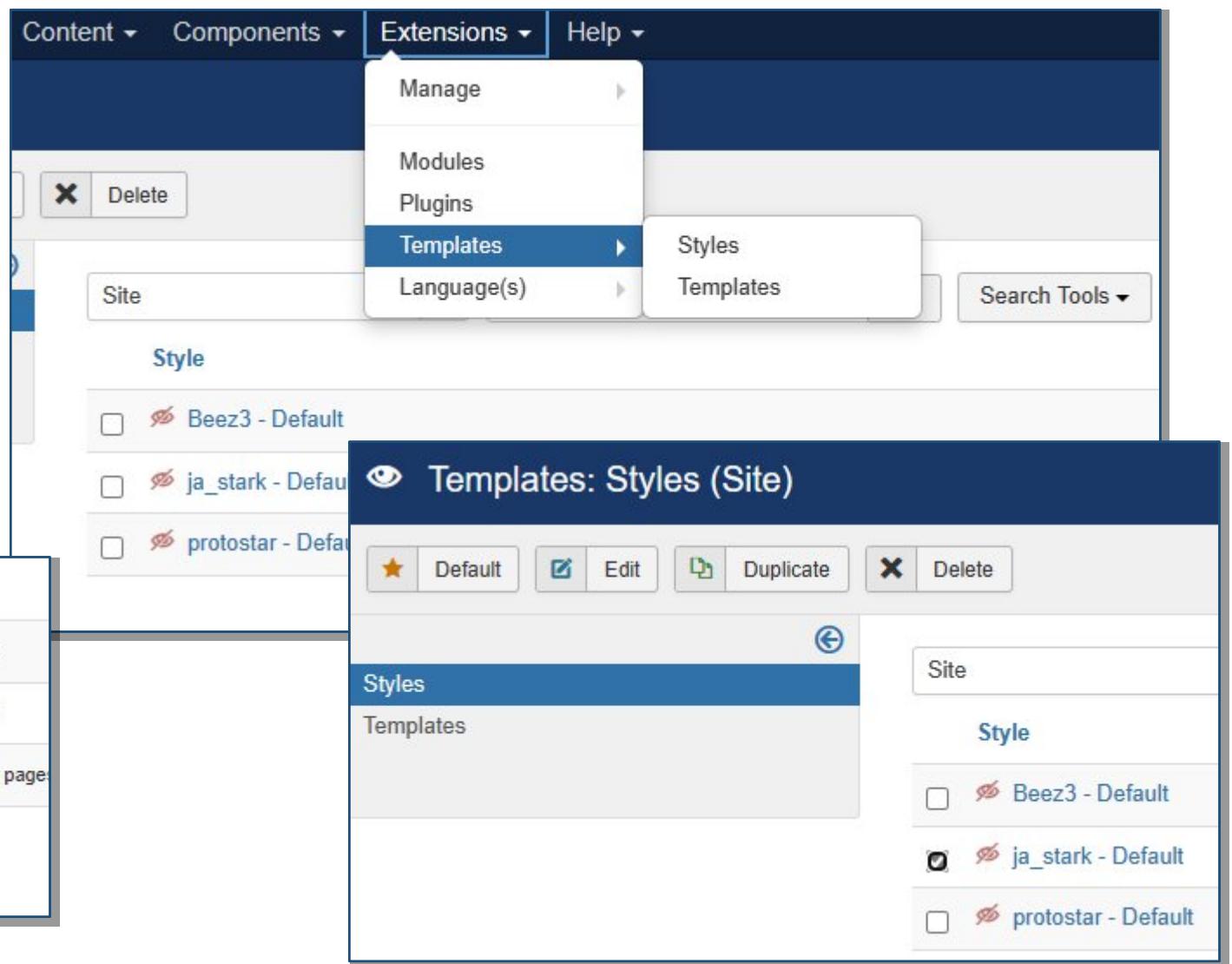
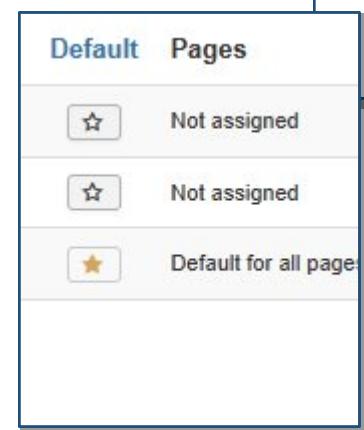
Pemilihan templates

Menu :
Extensions > Templates > Styles

Pilih template yang dikehendaki
dan klik butang star

atau

tick checkbox templates dan
klik butang “Default”



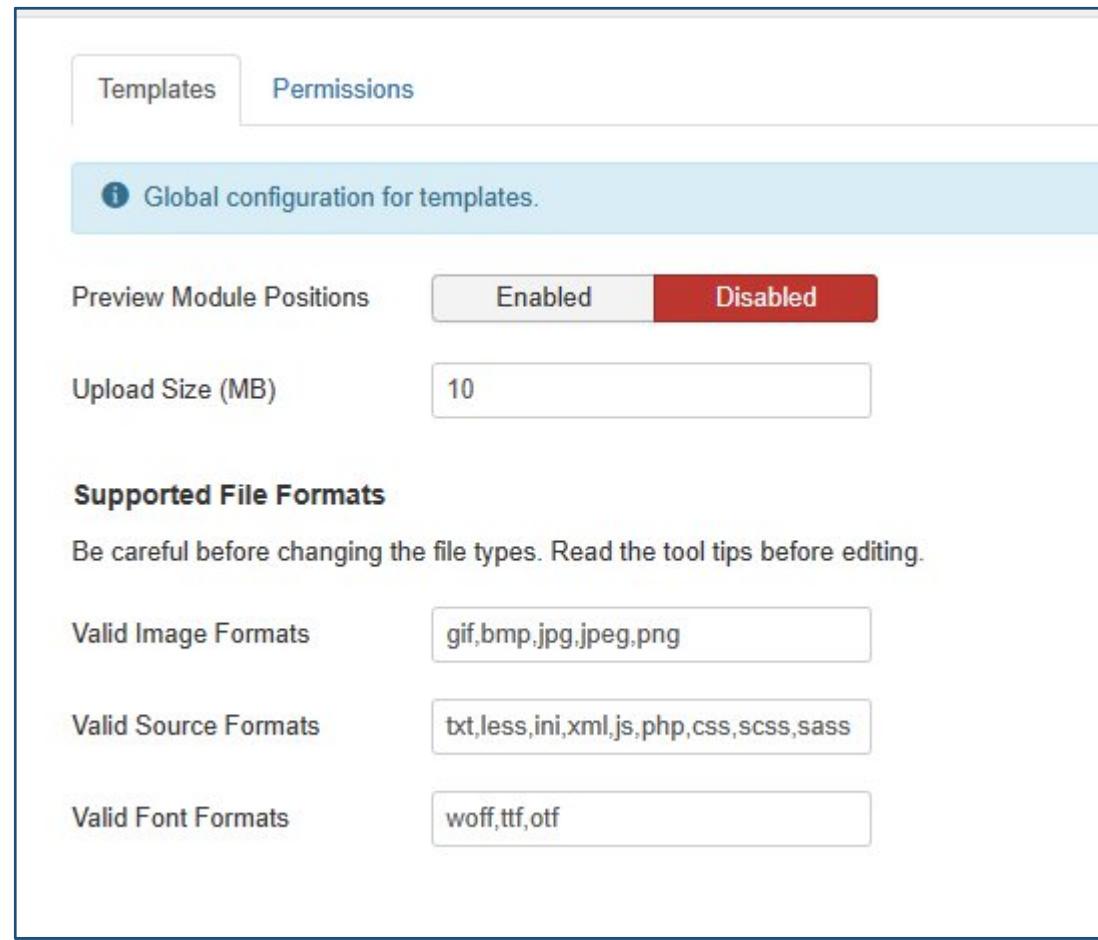
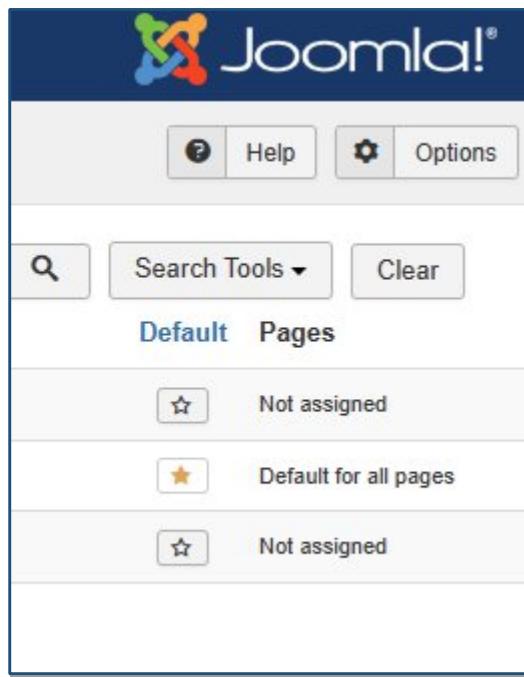
The screenshot shows the Joomla administrator's top navigation bar with the 'Extensions' menu item highlighted. A dropdown menu from 'Extensions' includes 'Manage', 'Modules', 'Plugins', 'Templates' (which is also highlighted), and 'Language(s)'. Below this, the 'Styles' configuration screen is displayed. The title is 'Templates: Styles (Site)'. It shows a list of styles: 'Beez3 - Default', 'ja_stark - Default' (marked with a yellow star), and 'protostar - Default'. At the bottom, there are buttons for 'Default', 'Edit', 'Duplicate', and 'Delete'. On the left, a sidebar lists 'Site' and 'Style'. The main content area shows the 'Styles' and 'Templates' tabs.

Joomla Administrator - Templates - Position

Papar “position” pada template

Menu :

Klik pada butang kanan atas “Options”

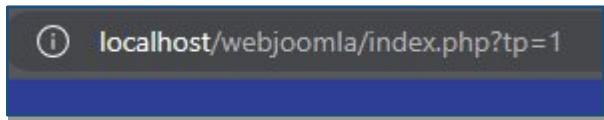


The screenshot shows the 'Templates' configuration page. The 'Position' tab is selected. A message at the top says 'Global configuration for templates.' There are two buttons for 'Preview Module Positions': 'Enabled' (which is greyed out) and 'Disabled' (which is red). Below that is a 'Upload Size (MB)' input field set to '10'. A section titled 'Supported File Formats' contains three input fields: 'Valid Image Formats' (containing 'gif,bmp,jpg,jpeg,png'), 'Valid Source Formats' (containing 'txt,less,ini,xml,js,php,css,scss,sass'), and 'Valid Font Formats' (containing 'woff,ttf,otf').

Klik butang “Enabled” pada Preview Module Positions

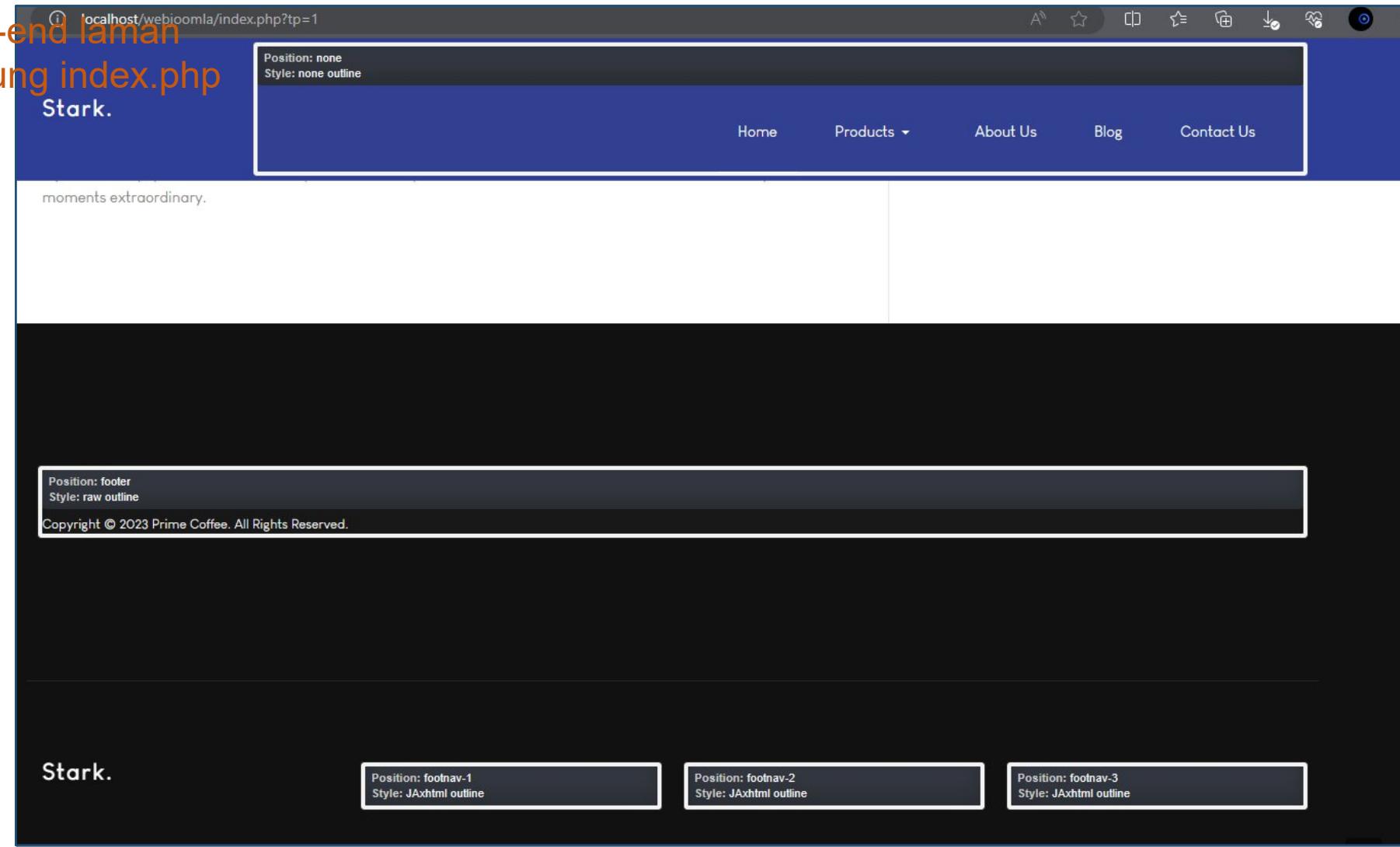
Joomla Administrator - Templates - Position

Pada URL browser, buka front-end laman web dan tambah “?tp=1” diujung index.php



front-end akan paparkan nama **position** untuk memudahkan pembangun meletakan **module (extension)** pada paparan nanti.

Cth: *Module image slider*



Joomla Administrator - Templates - Customize

ja_stark - Default

RELOAD PREVIEW ALL DEVICES  SAVE  VIEW SITE 

Overview

Style Name * ja_stark - Default

Default All

JA Stark T4 Bonus Template

JA Stark is bonus template for T4 Framework with multiple theme support, easy to customize.

Resources:

Download Forum

Template Information

Name: ja stark
Version: 2.0.4
Released Date: September 29, 2023
Author: JoomArt

Congrats! You are using latest version of ja stark!

Stark.

Untuk “customize” template yang telah dipilih pergi ke Menu : Extension > Template > style dan klik pada nama template.

Paparan seperti berikut akan dipaparkan mengikut **Template Framework Engine** yang digunakan oleh tempate yang dipilih.

From Homemade Beginnings

Our coffee journey began with a small home-brew coffee shop, serving delicious brews for coffee. What started in the comfort of our own home quickly transformed into a dedicated space, where we honed our craft and shared our passion for coffee. Our story is one of determination, dedication, and the love of exceptional coffee.

Terdapat beberapa **Template Framework** yang digunakan oleh pembangun joomla template, antaranya :

1. **Helix Frameworks**
2. **Gantry Frameworks**
3. **T3 Frameworks**
4. **Wrap Frameworks**
5. **dan lain-lain lagi**

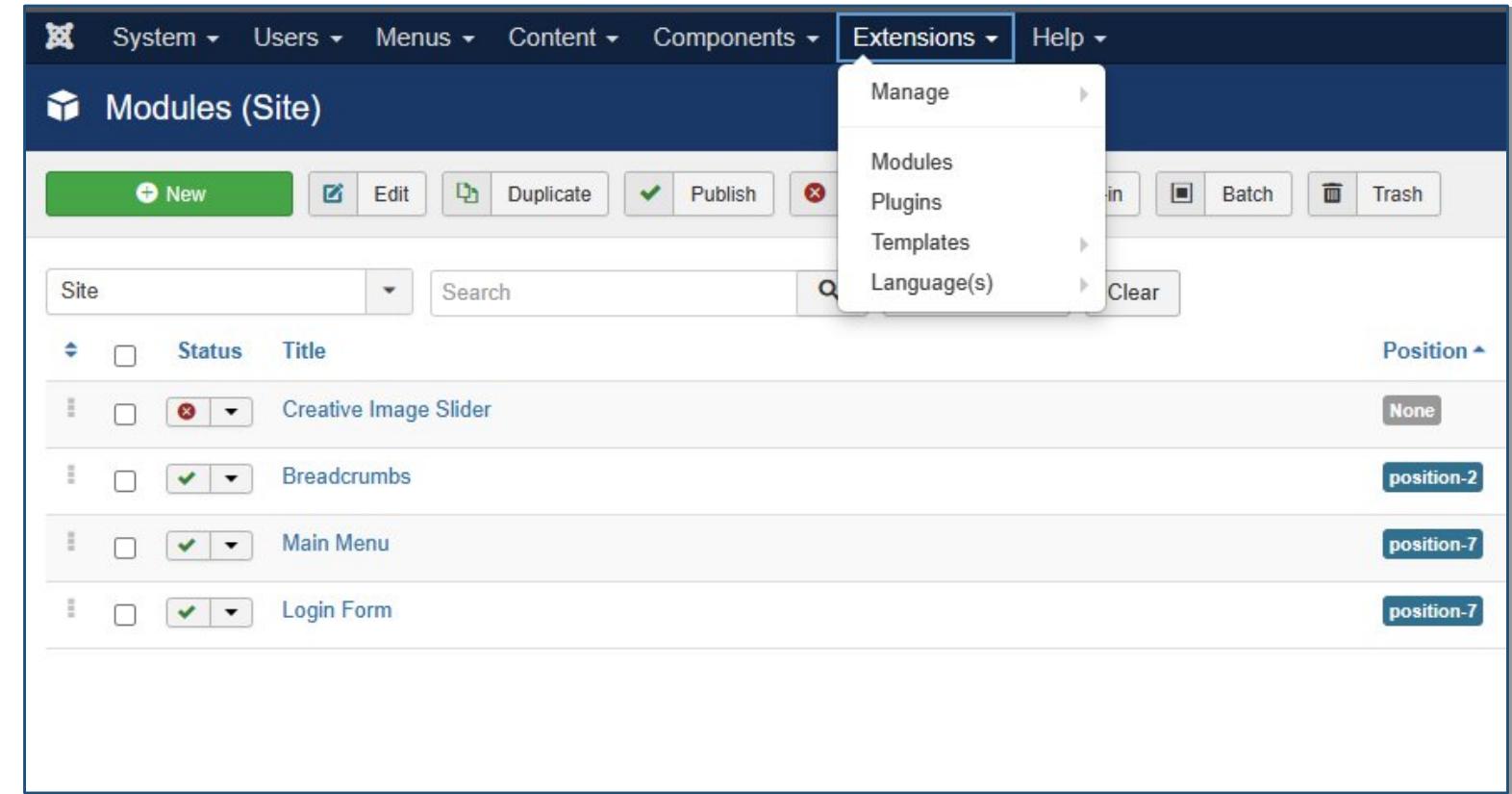
◀ Prev Next ▶

Joomla Administrator - Extension - Modules

Menu :
Extensions > Modules

“New” - untuk tambah module baru

“Position” pada module boleh ditentukan dengan melihat kepada Position Template “?tp=1”



The screenshot shows the Joomla Administrator interface with the "Extensions" menu open, specifically the "Modules" section. The page title is "Modules (Site)". There are four modules listed:

| Title | Position |
|-----------------------|------------|
| Creative Image Slider | None |
| Breadcrumbs | position-2 |
| Main Menu | position-7 |
| Login Form | position-7 |

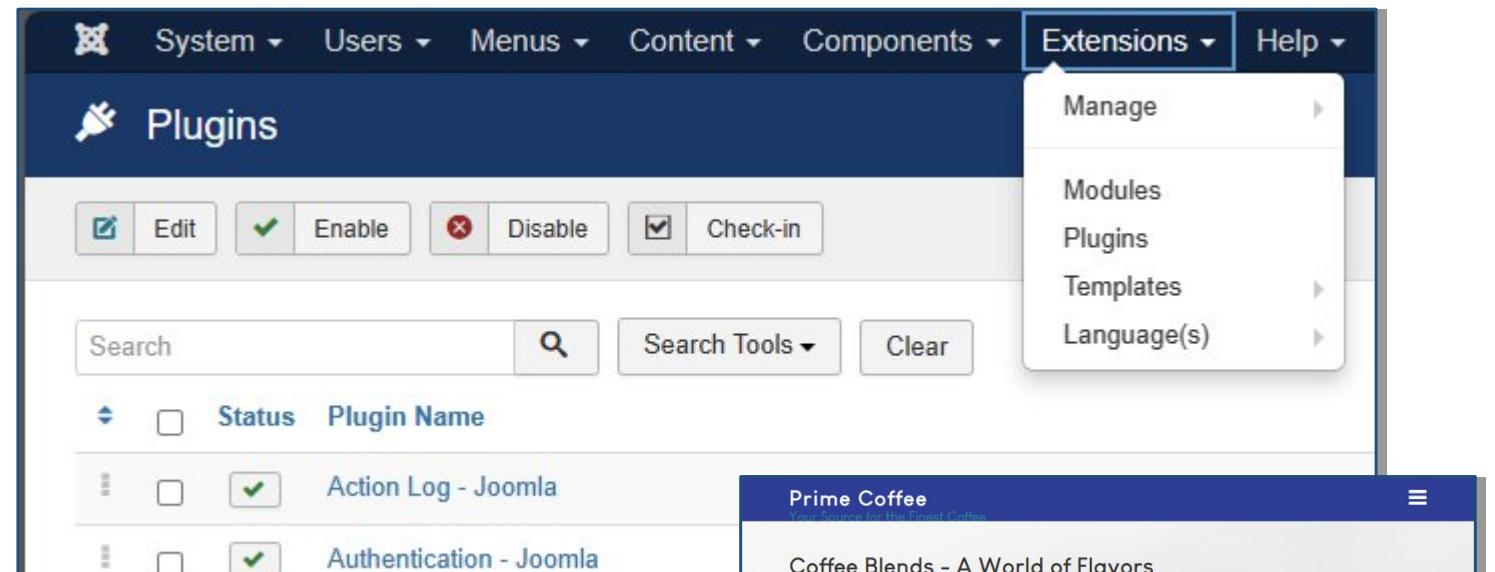
At the top, there are buttons for "New", "Edit", "Duplicate", "Publish", and "Trash". A search bar is also present.

Joomla Administrator - Extension - Plugins

Enable atau Disable Plugin

Menu :

Extensions > Plugins

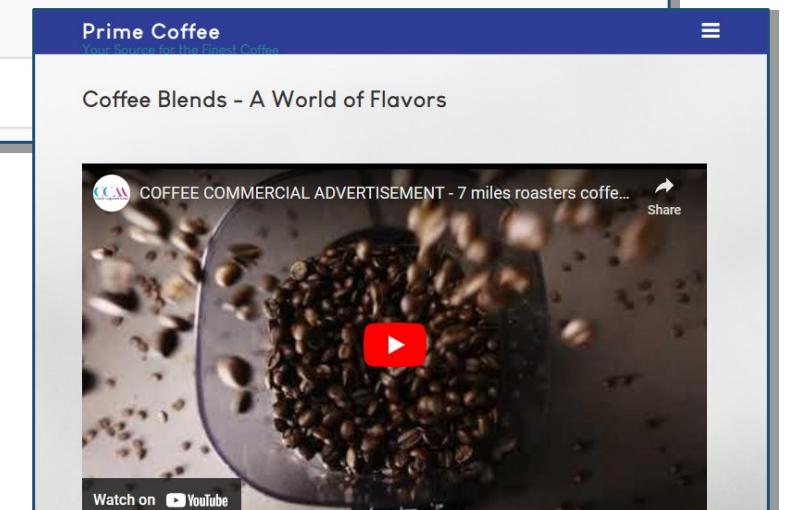


Cth:

Pasang plugin “AllVideos” menggunakan “Install from web”.

Edit artikel “Coffee Blends...”

dan tambah **{youtube}Nu8kIIL-CDA{/youtube}** didalam artikel



Dive into a world of rich, aromatic coffee blends at Prime Coffee. Our Coffee Blends category is where you'll discover a diverse selection of coffee varieties, each offering its unique flavor profile. From mild and mellow to bold and robust, we have a blend for every coffee lover. Explore the essence of coffee with our exquisite blends.

Joomla Administrator - Multilanguage (1)

Langkah-langkah

1. Pasang *language* baru (ms-MY)

Menu: **Extension > Language(s)**

Klik butang “Install Languages”

Cari “my” dan klik **Install** pada *language Malay*

2. Enable 2 plugin

Extensions > Plugins

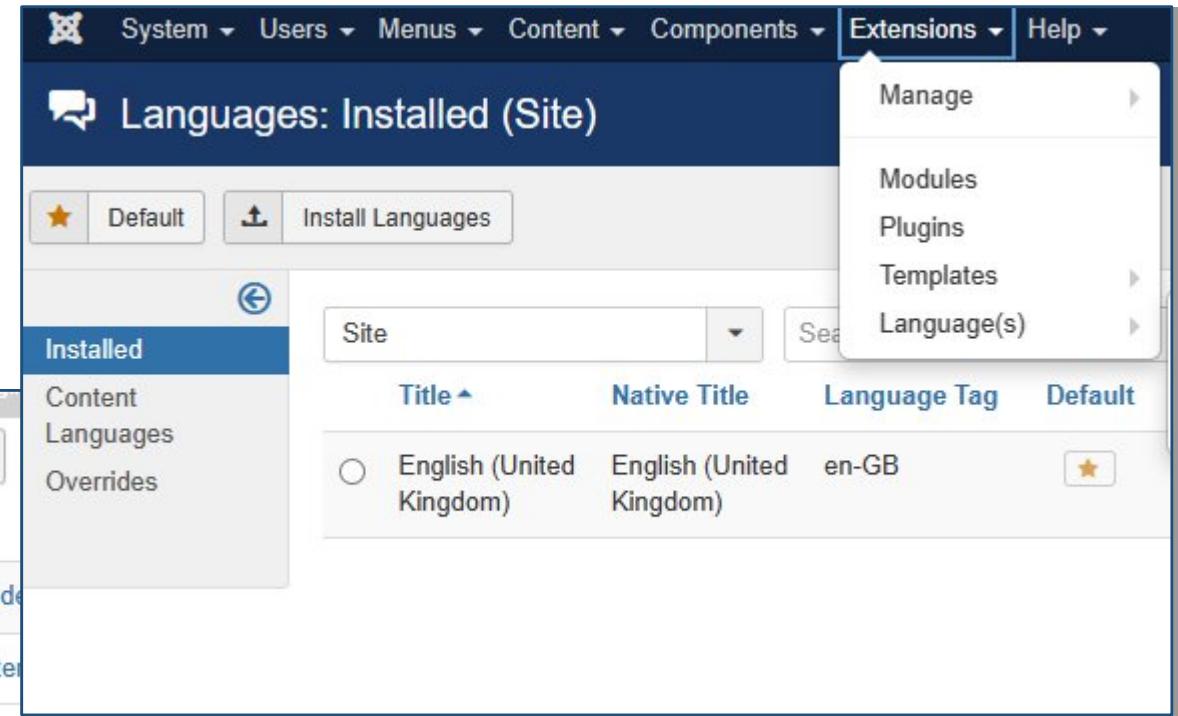
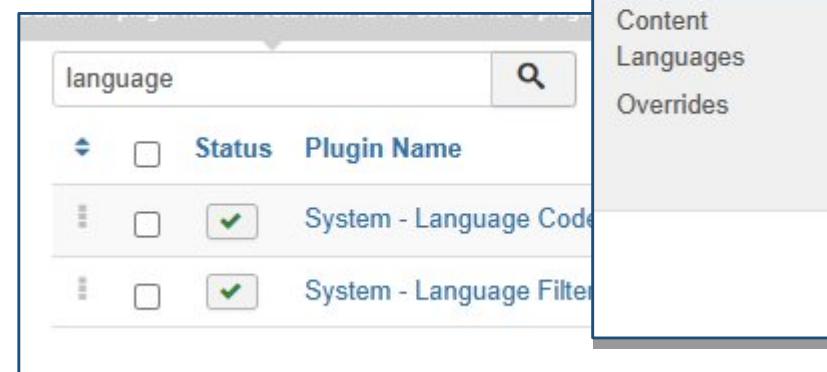
-System - Language Code

-System - Language Filter

3. Tambah 2 **Menus** baru

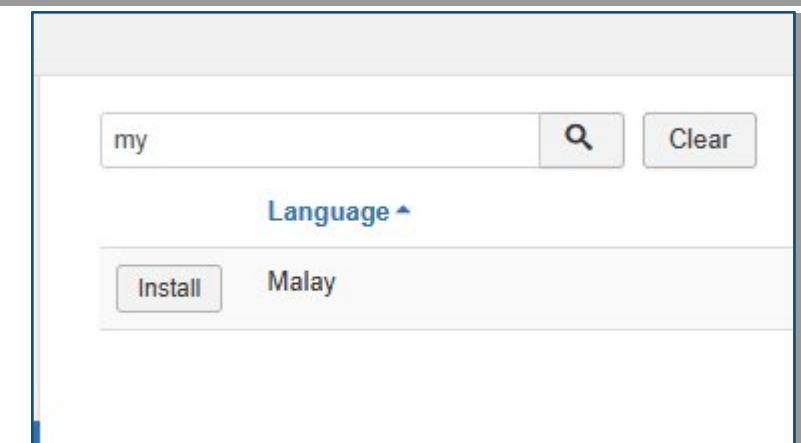
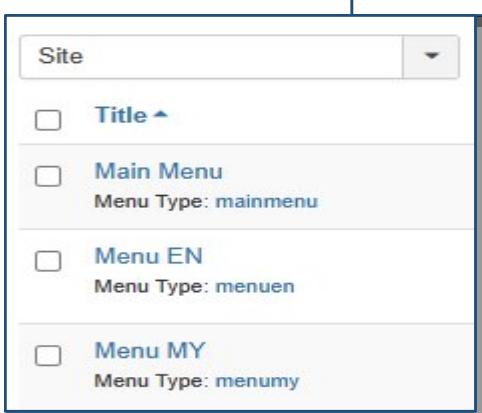
-Menu EN

-Menu MY



Languages: Installed (Site)

| Default | Install Languages | Site | Title | Native Title | Language Tag | Default |
|----------------------------------|-------------------|--------------------------|--------------------------|--------------|--------------|-------------------------------------|
| <input checked="" type="radio"/> | | English (United Kingdom) | English (United Kingdom) | en-GB | | <input checked="" type="checkbox"/> |



Joomla Administrator - Multilanguage (2)

Langkah-langkah

1. Duplicate secara Batch Menu dari Main Menu ke Menu EN dan Menu MY

-pilih semua dan klik butang “Batch”
-Pilih “Set Language”
-Pilih Menu EN
- Tick “Copy” dan klik Process

>ulang langkah sama untuk Menu MY

2. Ubah nama menu-menu ke bahasa yang sepatutnya.

Batch process the selected menu items

Set Language

English (en-GB)

To Move or Copy your selection please select a Menu or parent item.

Add to this menu.

Do you want to move the items or make a copy of them?

Copy

Move

| Main Menu | | |
|-----------|-------------------------------------|---|
| | Status | Title |
| | <input checked="" type="checkbox"/> | Home (Alias: home) Articles » Featured Articles |
| | <input checked="" type="checkbox"/> | Products (Alias: products) Separator |
| | <input checked="" type="checkbox"/> | – Coffee Blends (Alias: coffee-blends) – Articles » Single Article |
| | <input checked="" type="checkbox"/> | – Specialty Drinks (Alias: specialty-drinks) – Articles » Single Article |
| | <input checked="" type="checkbox"/> | – Merchandise (Alias: merchandise) – Articles » Single Article |
| | <input checked="" type="checkbox"/> | About Us (Alias: about-us) Articles » Single Article |
| | <input checked="" type="checkbox"/> | Blog (Alias: blog) Articles » Category Blog |
| | <input checked="" type="checkbox"/> | Contact Us (Alias: contact-us) Articles » Single Article |

Joomla Administrator - Multilanguage (3)

Langkah-langkah

1. *Duplicate semua artikel kepada bahasa melayu.*
- Pilih semua artikel dan klik Batch
- Set Language ke **English** dan **Process**
2. *Duplicate semua artikel bawah **Category Products***
dan set language ke Bahasa Melayu
Pastikan pilih **COPY** dan bukan **Move**

Batch process the selected articles

Set Language

English (en-GB)

To Move or Copy your selection please select a Category.

- Don't move or copy -

| | Status | Title |
|-------------------------------------|---|--|
| <input checked="" type="checkbox"/> |    | Contact Us (Alias: contact-us) Category: Main Contents |
| <input checked="" type="checkbox"/> |    | Merchandise - Elevate Your Coffee Lifestyle (Alias: merchandise-elevate-your-coffee-lifestyle) Category: Products |
| <input checked="" type="checkbox"/> |    | Specialty Drinks - Crafted with Creativity (Alias: specialty-drinks-crafted-with-creativity) Category: Products |
| <input checked="" type="checkbox"/> |    | Coffee Blends - A World of Flavors (Alias: coffee-blends-a-world-of-flavors) Category: Products |
| <input checked="" type="checkbox"/> |    | Stay tuned for our Surprise Coffee Event! (Alias: stay-tuned-for-our-surprise-coffee-event) Category: Blogs |

Joomla Administrator - Multilanguage (4)

Langkah-langkah

1. Tambah module Language Switcher pada page

Menu : **Extension > Modules**
butang **New > Language Switcher**
posisi kan *Language Switcher* pada
position template yang dikehendaki

2. Ubah keperluan template untuk multilanguage mengikut jenis template yang dibangunkan

cth:

[Link template JA Stak](#)

Title *

Module Description Menu Assignment Advanced Permissions

Language Switcher

Site

This module displays a list of available Content Languages (as defined and published in Language Manager). The 'Filter' has to be...

Show full description ...

Pre-text

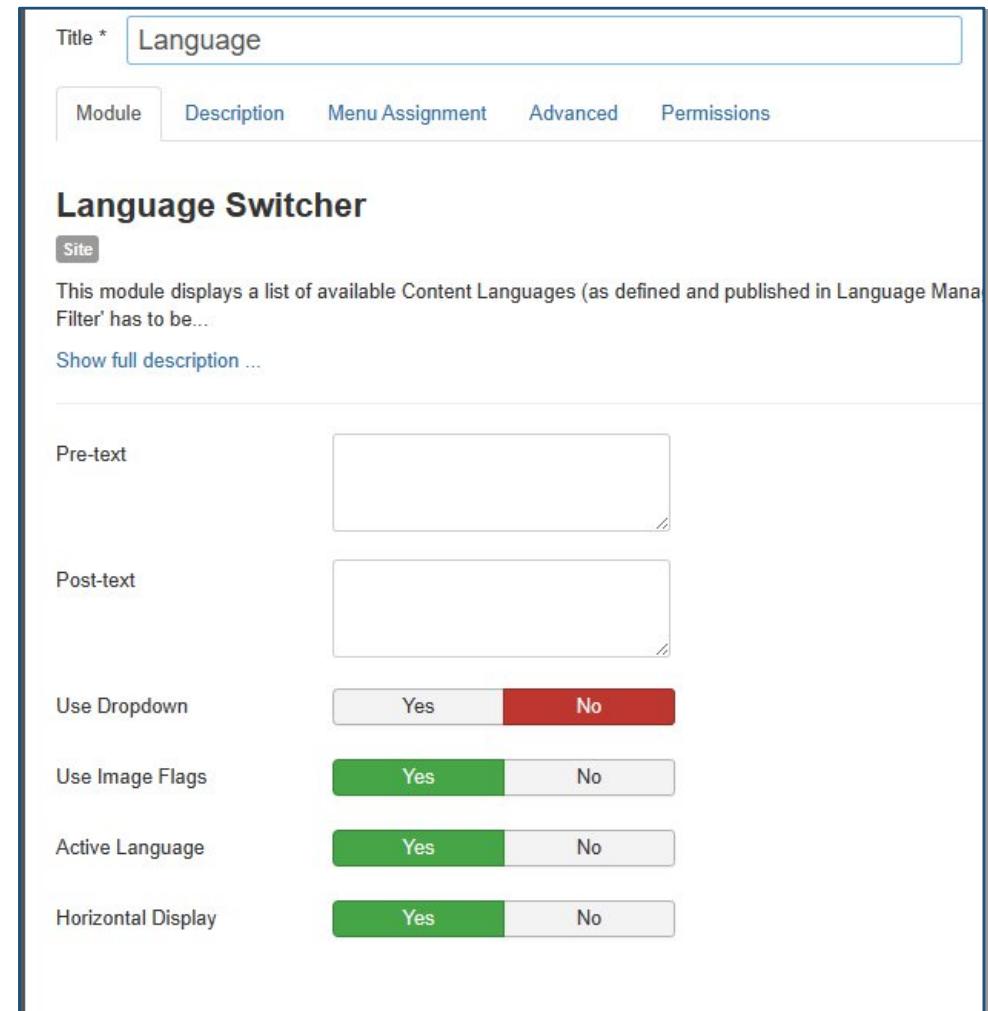
Post-text

Use Dropdown Yes No

Use Image Flags Yes No

Active Language Yes No

Horizontal Display Yes No



Joomla Administrator - System Configuration

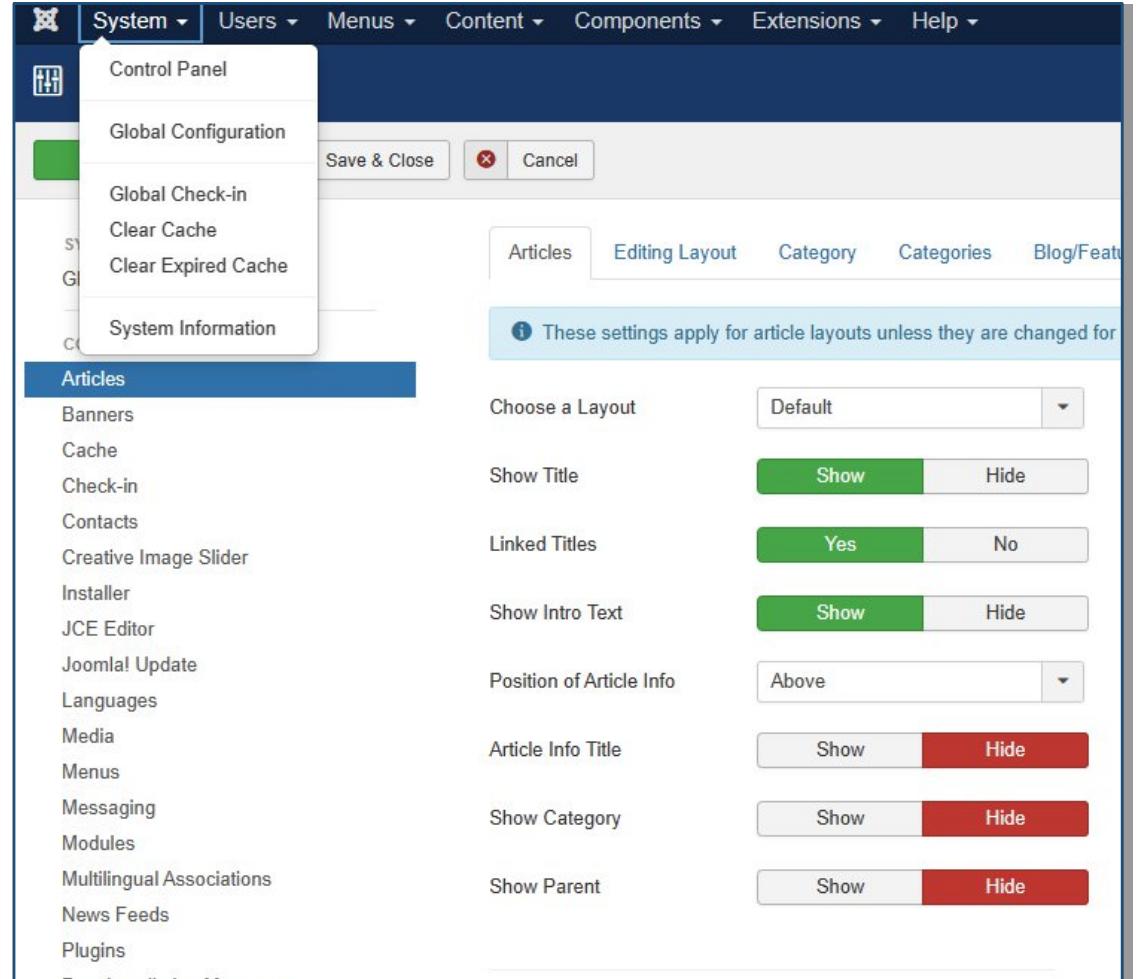
Beberapa setting pada web boleh dibuat di System Configuration.

cara akses

Menu :

System > Global Configuration

-antaranya, konfigurasi cara paparan artikel di web

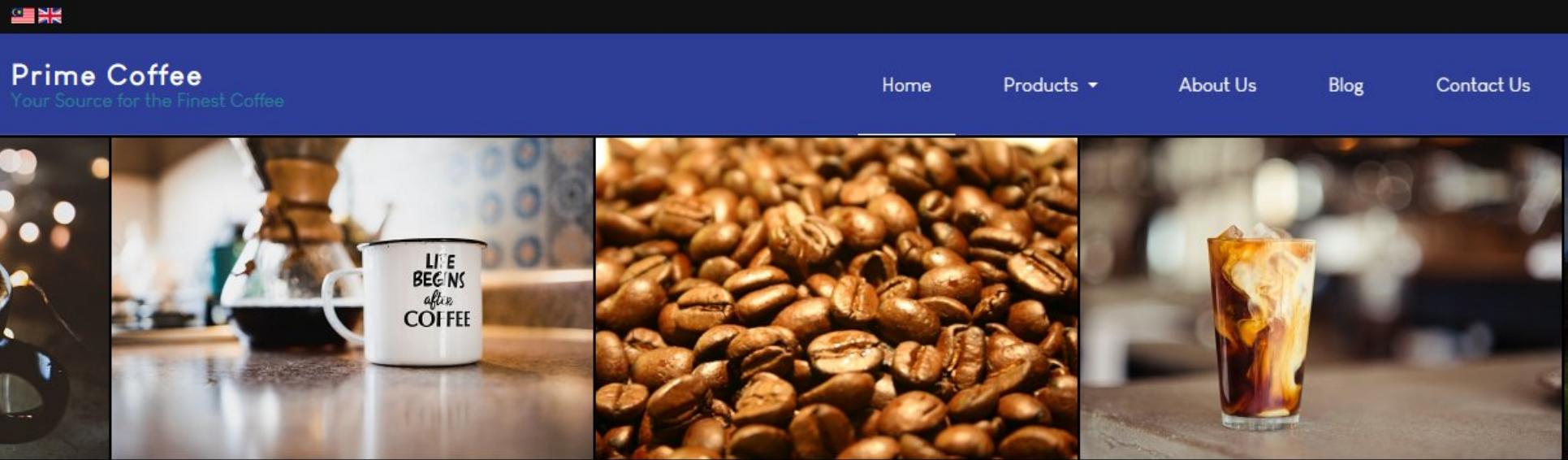


The screenshot shows the Joomla administrator interface under the 'System Configuration' section for 'Articles'. The 'Articles' tab is active in the sidebar. On the right, there are several configuration options:

- Choose a Layout: Default
- Show Title: Show
- Linked Titles: Yes
- Show Intro Text: Show
- Position of Article Info: Above
- Article Info Title: Show
- Show Category: Show
- Show Parent: Show

A note at the top right states: "These settings apply for article layouts unless they are changed for individual articles".

Joomla Web Final



The screenshot displays a Joomla-powered website for "Prime Coffee". The header features a dark blue navigation bar with the site's name and a "Your Source for the Finest Coffee" tagline. It includes language selection (Malay and English), a search icon, and a menu with links to Home, Products (with a dropdown arrow), About Us, Blog, and Contact Us. Below the header is a large, horizontal collage of four images related to coffee: a close-up of coffee beans, a cup of iced coffee with a swirl, a white mug with the text "LIFE BEGINS after COFFEE", and a blurred background image of a coffee shop interior.

HOME

Introduction

Welcome to Prime Coffee

At Prime Coffee, our story begins with our love for coffee, and it's our pleasure to share that passion with you. We are dedicated to bringing you exceptional coffee experiences, starting with our carefully selected coffee beans.

Our Coffee Journey

