

Joomla! Tutorial #2

Joomla! Extensions

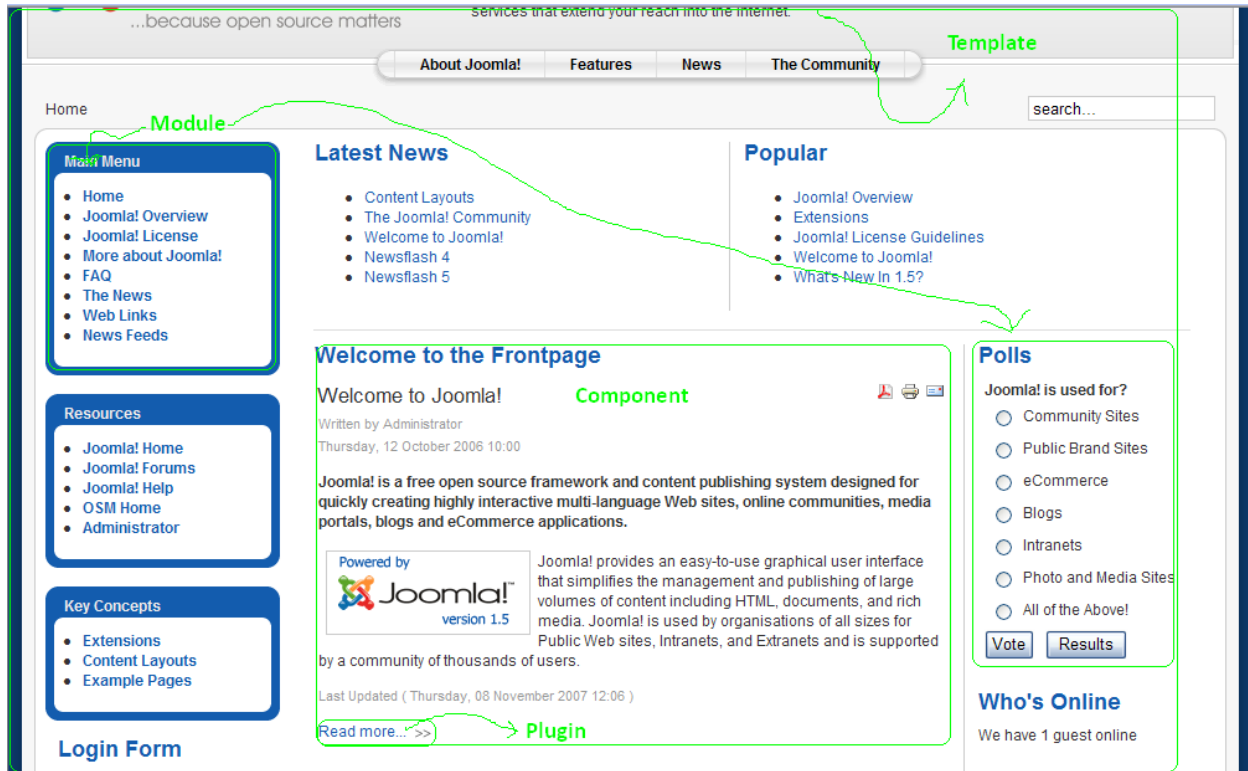
Things That You Need to Know

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Because Open Source Matter...

Joomla! is a very rich in application for Content Management System. This part of tutorial will introduce to you what is one of the Joomla! main core. It's very important to know this so you know what type of website that you going to make later.

First let see this picture.



As you see, Joomla! consists of various extension of plugins, components, modules, languages and templates. You can see this by pointing to 'Extension > Install/Uninstall manager' from the admin page.

Extensions:

1. Components

Components is the main core of Joomla!. It's the advanced and complex extension inside Joomla!. It's like an application inside an OS. When there is a request to the Joomla! powered website, these component will render the specified main page. Components are the major portion of your page as it is driven by a menu item and every menu item runs a component. If you installing a component, you also probably installing module. (From admin page point to Component on the top menu)

2. Modules

Modules are simple plugin that render page. It's like component extensions but it's not complex. It can be as simple as HTML. However, modules have a limit functionality like modify the data on the fly interactively. (From the admin page point to Extension > Module Manager)

One example for component
Photo Slideshow



One example for module
Random Image Viewer



3. Languages

It consist key/value pairs that help the translation of static text string inside Joomla! source code.
(From the admin page point to Extension > Language Manager)

4. Plugins

Also known as *mambots*, these extension will handle every event that was triggered by other extensions that was registered to. Most likely, you will ignore this most of the time. (From the admin page point to Extension > Plugin Manager)

5. Templates

Simple extension. Template is easy to build and it will help a lot in customizing the website.
(From the admin page point to Extension > Template Manager)

This is the basic thing that you should know inside Joomla!. Next time, we will do some styling to the website.

Summary

Component: mini-application to render the main page body

Module: renders small html blocks on any page

Plugin: changes code behavior dynamically (renamed from mambot)

Language: provides language translation