# Javaforum Specification

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## 2. What is Javaforum

Javaforum is a Content Management System (aka CMS) for handling a single forum instance. In future it will handle multiple forum instances.

## 3. Why Javaforum

The idea of Javaforum was born when I was searching for a scalable, simple and user friendly forum CMS. The result? Zero. So I decided to create my own forum CMS.

## 4. Common used terms

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| Term | Meaning |
| CMS | Content management system |
| Forum | Web site where a group of people can have discussions. |

## 5. Use case

### 5.1 Installation phase

During the installation phase, the user is prompt to create the root administrator account, with this account everything is possible inside the forum.

After the creation of the user, the user is asked to insert the principal data of the forum.

### 5.2 Initialization phase

On this phase, the forum will be setted to the Maintenance Mode, which will show to users a page which will say “This forum is under maintenance. Please check again later”. Only administrators can use the forum, logging-in from the apposite form.

In this phase, every administrative tool will be enabled. In there will be an option for disable the maintenance mode and allow the access to the public.

### 5.3 Administrative tools

Administrative tools permits the admin to edit the forum info, to manage users, give permissions to users, add them to groups and restrict access to some areas of the forum. From there will be also possible to install the plugins for the CMS.

### 5.4 Common forum use

A user can access an area, every area can have sub-areas. In an area a user, if is permitted to him, can create a thread, open a thread and reply to a thread.

From there, the users can send private messages each other with a “mailbox” system.