



## Introduction to Microcyte

### What it it?

Microcyte is a in-line editing content management system. What this means is that the end user updates website content by editing the webpage in the context of how they would normally see it. There is no backend admin area as such because the CMS functionality layers over and augments the actual web pages that are being modified. For an idea of how this works in practice please visit: <http://demo.microcyte.co.uk>

Microcyte achieves this functionality through extensive use of javascript on the client browser and use of PHP to manipulate the site xHTML files on the server. Please see the Hosting Requirements and Browser Requirements sections for more information about compatibility.

Microcyte works by directly modifying the sites xHTML compliant webpages and can thus be likened to a system such as Adobe Contribute or Dreamweaver templates. Microcyte differs from contribute in that it is totally web based and requires no third party software apart from the users web browser. In addition Microcyte provides features for uploading and managing images and media and advanced site structure and navigation management.

Microcyte supports the use of multiple customisable templates within a site and can even migrate content from an existing page into a different template if required.

### How do you run it?

Getting microcyte up and running should be a fairly simple process, especially if you are using an all-in-one Apache/PHP stack like WAMP (or MAMP on the Mac). Just take the ZIP file you have downloaded from the microcyte website and unzip it. You should find a folder of documentation and a folder containing the microcyte system files.

Move the microcyte files into your target website folder in your development environment. If you browse to the folder you should see the default microcyte index page. To log into the CMS area browse to the /\_management directory, you should be presented with a log-in form. The default username and password are root and password respectively.

After logging into the system you should be presented with the same default index page but this time you should see the red microcyte overlay bar at the top of the screen. Various areas of the webpage should highlight as you hover over them, these are the editable areas of the page and you should be able to click into them and modify the contents.

If you find you have trouble logging into microcyte then you may need to follow some of the troubleshooting tips at the end of this chapter. Depending on the hosting provider you use or the default settings in your development environment you may need to change file permissions on certain files and directories. The main culprits are:

- siteuploads directory
- siteimages directory
- `_management/admin-includes/XML/_nav.xml`
- `_management/admin-includes/XML/_users.xml`

Changing the permissions on these files and directories to read and write for the web server user account should fix most immediate issues.

### **Troubleshooting and common issues**

<b>Issue</b>	<b>Solution</b>
Microcyte doesn't allow you to log in from the management area (you may see a permissions error relating to <code>_users.xml</code> )	This is generally because the xml file which holds the user settings does not have write permissions. You will need to set write permissions on all files within the <code>_management/admin-includes/XML/</code> directory.