



## CubiCleanURL

describe clean url of Cubi application

Phase-Implementation

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## Cubi Clean URL

Cubi applications by default have clean url to access Views. With some configuration changes at web server, the url can be even shorter.

### Basic Cubi URL Format

Cubi view is the web page with its url that can be entered in browser. Normally Cubi view is located at cubi/modules/module\_name/view/. Views under modules folder can be accessed with the following url formats:

- /cubi/index.php/system/userList to access system/view/UserList view.
- /cubi/index.php/system/user\_list to access system/view/UserList view.
- /cubi/index.php/system/user\_detail/5 to access system/view/UserDetail view with user\_id as '5'.
- /cubi/index.php/system/user\_detail/Id\_5 to access system/view/UserDetail view with user\_id as '5'.
- /cubi/index.php/user/reset\_password/token=4c0417d23dad6&abc=xyz to access user/view/ResetPassword view with additional parameters token=4c0417d23dad6 and abc=xyz as standard HTTP GET query string.

If index.php is set to be the default execution name, you can use "?" to replace "index.php". E.g. /cubi/?/system/userList

### Advanced URL format with url\_rewrite

If your Cubi runs in Apache and changing apache conf is allowed in your Cubi installation, cleaner URL can be given by url\_rewrite. The following example assume your cubi is installed at D:\Apache2\htdocs\cubidev\cubi. The same idea is easy to be applied in Unix-like systems.

### Change apache conf file

In your apache conf file, add

```
Alias /cubi "D:\Apache2\htdocs\cubidev\cubi"
<Directory "D:\Apache2\htdocs\cubidev\cubi">
AllowOverride All
</Directory>
```

Please verify .htaccess can be found under D:\Apache2\htdocs\cubidev\cubi\ . If you can't find the file, please download it from <http://openbiz-cubi.googlecode.com/svn/trunk/cubi/.htaccess> to D:\Apache2\htdocs\cubidev\cubi\.

### Change app\_init.php

Open /cubi02/cubi/bin/app\_init.php, make following changes

```
/* APP_URL is /a/b in case of http://host/a/b/index.php?... */
define('APP_URL','/cubi');

/* APP_INDEX is /a/b/index.php in case of http://host/a/b/index.php?... */
$indexScript = ""; // or "", or "/"
define('APP_INDEX',APP_URL.$indexScript);
```

With the change above, "index.php" can be removed from the url. For example, [http://host/cubi/system/user\\_list](http://host/cubi/system/user_list) replaces the link [http://host/cubi/index.php/system/user\\_list](http://host/cubi/index.php/system/user_list).

If you have web server other than apache, please search "url rewrite" modules or extensions of that type of web server.