Packages Required

-mutt and possibly sendmail for any email functionality

-PHP packages, PHP-CGI, suEXEC

Server Setup

1. master-crontab.cron file needs to be manually edited
2. crontab for user needs to be edited to contain:

“\* \* \* \* \* /home/$username/master-crontab.cron > /dev/null 2>&1”

1. Setup phyMyAdmin
   1. Create a user named “contest-skeleton”.
   2. Set “contest-skeleton” host to localhost.
   3. Give “contest-skeleton” all global privileges.
2. Run chmod 755 on entire user directory in order for suEXEC to work correctly.
3. Add the .php extension to the CGI handler in the apache config
4. Install suEXEC and configure it to change permissions on the contest folders.

Setting up PHP to actually be runnable:

1. Login as root
2. Mount binfmt\_misc: mount binfmt\_misc -t binfmt\_misc /proc/sys/fs/binfmt\_misc
3. Next we need to create the php file, example command:

echo “:php:E::php::/usr/bin/php5-cgi:” > /proc/sys/fs/binfmt\_misc/register

Contest Setup Instructions

1. Login to ~username/index.php with

Username: “create”

Password: “contest”

1. Host/Organization: Anything you want

Contest: will use to name folders and DB

DB Host: localhost

DB Password: the password for contest\_skeleton

1. Login with

Username: admin

Password: admin

1. Change login, cannot use “admin” as password
2. Fill in blanks

Base directory: /home/username/$contestname