Preparing production and staging environment in PHP project

When developing live service but requiring continuous maintenance/development in agile manner, codes needs to be handled by the operation environment (staging/production) - you may able to add development environment by your situation. In that case include_path is super useful.

The methodology I use is including environment file based in PHP like below:

__init.php

```php
<?php
/* Copyright by Chun Kang (ck@qsok.com)
 *
 * @file __env.php
 * @brief environments for staging and production \n
 * @author Chun Kang (ck@qsok.com)
 *
 *
 * @notes
 * 2018.11.13 created
 *
**/

if (! defined('__CK_ENV__')) {
// Basic DB Library
-----------------------------------------------------------------------------------------------

        define( '__CK__ENV__', 'RUNTIME_ENVIRONMENT_ESTABLISHED');

        if (preg_match( "/staging/", getcwd())) // checking if the environment is staging or not by the current
working directory
        {
                // define include path to load necessary from staging environment
                set_include_path( ".:/web/staging_server");
        }
        else
        {
                set_include_path( ".:/web/production_server");

                error_reporting(0); // turn off all error reporting
        }

// End of Basic DB Library
-----------------------------------------------------------------------------------------------
}

?>
```

Note set_include_path() will help you to include necessary modules by relative path easily, so you don't need to worry about remembering staging / production directory path.

If you want to hide __env.php somewhere in the system, you can simply add that condition to php.ini as following:

```
include_path = ".:/lib/php/environment"
```

If your environment is Windows, it should be like below:

```
include_path = ".;/lib/php/environment"
```

Once above is done, you can include __init.php without its detailed path anywhere in your system like below

```php
require_once "__init.php";
```

require_once "__init.php";