**Index.php Overview**

Include composer**'**s **autoload.php** file

Step 1

**Constants that will be available application-wide are defined.**

* **SMVC\_APP\_ENV\_DEV:** app is currently operating in dev environment
* **SMVC\_APP\_ENV\_PRODUCTION:** app is currently operating in production environment
* **SMVC\_APP\_ENV\_STAGING:** app is currently operating in staging environment
* **SMVC\_APP\_ENV\_TESTING:** app is currently operating in test environment
* **SMVC\_APP\_PUBLIC\_PATH:** absolute path to the app’s public folder
* **SMVC\_APP\_ROOT\_PATH:** absolute path to the folder containing the app
* **SMVC\_APP\_USE\_MVC\_ROUTES:** Boolean flag indicating if the slim skeleton mvc routes should be used or if the user should manually define all the app**'**s routes in the **./config/routes.php** file. Note that routes in **./config/routes.php** will always be loaded and have a higher priority over the mvc routes
* **SMVC\_APP\_AUTO\_PREPEND\_ACTION\_TO\_ACTION\_METHOD\_NAMES:** Boolean flag indicating if the string **action** should be prepended to controller method names extracted from each request url. Such methods will have names like **actionIndex()** in the controller
* **SMVC\_APP\_DEFAULT\_CONTROLLER\_CLASS\_NAME:** name of the default controller class (including namespace if any) for handling the **'/'** route. E.g. **'\\SlimMvcTools\\Controllers\\BaseController'**
* **SMVC\_APP\_DEFAULT\_ACTION\_NAME:** name of the default method in all controller classes for handling the **'/'** & **'/{controller}[/]'** routes. E.g. **'actionIndex'**. NOTE: that **SMVC\_APP\_AUTO\_PREPEND\_ACTION\_TO\_ACTION\_METHOD\_NAMES** does not apply to this particular method name.

Step 2

**sMVC\_GetSuperGlobal()** is first called to ensure that **$\_SERVER**, **$\_GET**, **$\_POST**, **$\_FILES**, **$\_COOKIE**, **$\_SESSION** & **$\_ENV** are captured in their original state by the static **$super\_globals** variable inside **sMVC\_GetSuperGlobal()**, before any other library, framework, etc. accesses or modifies any of them. Subsequent calls to **sMVC\_GetSuperGlobal()** will return the stored values. Use this function to access values in the earlier mentioned super globals.

Step 3

Use function **sMVC\_GetCurrentAppEnvironment()** in your app to detect which environment your app is running in. Configure the desired env in **./config/env.php** (it should return one of the **SMVC\_APP\_ENV\_\*** constants)**.**

**./config/ini-settings.php** is loaded. This is where **ini\_set** calls for your app should be

Step 4

**./config/app-settings.php** is loaded. This is where settings for the Slim App object should be

Step 5

The **Slim\App** object is created using loaded settings from Step 5. The container object associated with the newly created Slim app object is retrieved into a **$container** variable

Step 6

**./config/dependencies.php** is loaded. This is where dependencies are added to the **$container** variable from Step 6.

Step 7

**./config/** **routes-and-middlewares.php** is loaded. This is where all route and middleware definitions (apart from the Slim Skeleton MVC route definitions) for your app are defined.

Slim Skeleton MVC routes are defined. I.E. **'/'**, **'/{controller}[/]'**, **'/{controller}/{action}/'** and **'/{controller}/{action}[/{parameters:.+}]'** routes. Finally the earlier created Slim app object is run.

Step 8

Step 9