

Change - One-Stop Core Files

One-stop core files. We can now install a given version of core files in one place and access them from anywhere in any web root.

Code Sample:

```
<!-- This is in index.cfm or Application.cfm -->
<!-- Traditional Fusebox, with app files in same directory with
core files: -->
<cfset FUSEBOX_APPLICATION_PATH = "">

<!-- App files in different location: -->
<cfset FUSEBOX_APPLICATION_PATH = "/FB41Core">
```

What's It Mean to Me?

Fusebox 4.0 and earlier required the core files to be in the application's main directory. With Fusebox 4.1, we can put a single copy of the core files in any directory under the web root, and point to the core files' location within the web using the **FUSEBOX_APPLICATION_PATH** variable. This makes it simple to upgrade all the applications on a server, and it saves some storage space since we don't have to duplicate the core files for every little app we cook up.

The following files should be located in the “one stop” directory:

- fusebox4.loader.cfm.cfm
- fusebox4.parser.cfm.cfm
- fusebox4.runtime.cfm.cfm
- fusebox4.transformer.cfm.cfm
- udf_canonicalpath.cfm
- udf_relativepath.cfm

(See the next section on the **FUSEBOX_APPLICATION_PATH** variable.)

Change -FUSEBOX_APPLICATION_PATH

The local variable **FUSEBOX_APPLICATION_PATH** must now be provided just before the call to the Fusebox runtime. If it is not set, Fusebox will throw an error.

Code Sample:

```
<!-- This is in index.cfm or Application.cfm -->  
<!-- Traditional Fusebox, with app files in same directory with  
core files: -->  
<cfset FUSEBOX_APPLICATION_PATH = "">
```

What's It Mean to Me?

This is the path from the web server's root to the location of the Fusebox core files. The need for this variable is a direct consequence of implementing the one-stop core files (see the previous section on one-stop core files).

There is some confusion involved with this variable, in that it doesn't store the Fusebox application's path at all, but rather the path to the "one-stop" Fusebox core files. The path can be relative to the application directory, but it makes more sense to use an absolute path from web server's directory (i.e., starting with "/").