Fusebox 5.5.1 Release Notes

Fusebox 5.5.1 is a minor bug fix release that does not add any new features. Some of the bug fixes may affect some Fusebox 5.5 programs that use the no-XML approach. When Fusebox 5.5 was released, it did not prohibit certain operations that should have been disallowed. Fusebox 5.5.1 tightens up the rules around access to model and view circuits as well as access to pre- and post-fusections.

Bug Fixes

The bug fixes are presented in numerical order, each with a brief summary of the changes and possible impact on your programs.

#309 Implicit circuit does not allow multiple fuseactions!

If you had an XML circuit specification that used **<do>** to invoke multiple fuseactions in an undeclared (implicit) circuit, only the first **<do>** would succeed. Subsequent **<do>**s would fail to find the fuseaction. This has been corrected.

#304 Skeleton app does not work well with remote CFC calls

Fusebox 5.5 applications did not play well with AJAX, Flex or Web Services if you tried to invoke CFCs with remotely accessible methods. This was due to a combination of things, including a failure to initialize the framework if the first request was for a CFC rather than a regular HTML request. Primarily the **Application.cfc** used in the skeleton applications did not work well with remote CFC invocations due to the way the application name was set:

```
<cfset this.name = right(REReplace(
        expandPath('.'),
        '[^A-Za-z]','','all'),64) />
```

This has been changed to:

```
<cfset this.name = right(REReplace(
        getDirectoryFromPath(getCurrentTemplatePath()),
        '[^A-Za-z]','','all'),64) />
```

If you have applications based on the skeleton applications, you will need to make this same change manually if you haven't already changed your application name.

#308 Core files do not contain error templates

The original Fusebox 5.5 core files were published without the error templates, although this was corrected before many people had downloaded the core files.

Starting with Fusebox 5.5, the default error templates are stored in the core files directory and the skeleton applications are configured to use those shared error templates. This means that each application is no longer required to have its own copy of all the error templates.

If you want to customize the error templates, copy the directory out of the core files and configure your applications to use that customized version. You can either have a single, shared set of customized error templates or each application can have its own customized error templates.

#310 Reorganize repository to make future releases easier

This is not technically a bug fix but it doesn't add functionality either. Prior to Fusebox 5.5.1, the Subversion repository comprised a single directory that contained the core files, along with subdirectories containing the extensions, skeleton application and extensions.

The Subversion repository has now been reorganized to contain:
• build/ - ant build.xml file to package / deploy Fusebox releases
• corefiles/ - the core files, now in their own directory
• docs/ - release notes for each release
• extensions/ - lexicons and plugins
• scaffolder/ - the beta application scaffold generator
• skeleton/ - the traditional and no-XML skeleton applications

This was done to make life easier for the core file developers but if you've been downloading Fusebox from Subversion, you will notice this change (and, hopefully, the ant script will make your life easier too).

#311 Model/View implicit circuit permissions should be internal

Fusebox 5.5 allowed you to invoke implicit model and view circuit fuseactions directly as part of a request because permissions were not checked. The implicit model and view circuits were intended to be **internal** rather than **public**. In Fusebox 5.5.1, permissions are correctly enforced. *This may break your code if you were invoking model or view circuit fuseactions directly instead of using the controller circuit.*

#313 SES URL parsing not working on all web servers

"Search Engine Safe" URL parsing, introduced in Fusebox 5.5, did not work on IIS because it populates CGI.PATH_INFO with CGI.SCRIPT_NAME (whereas Apache does

not). Fusebox 5.5.1 addresses this difference so that SES URLs are now supported on IIS.

#315 CFCs as circuits fails if file path contains -

If any directory names in the path to an implicit circuit implemented as a CFC contained a dash, '-', then Fusebox 5.5 failed to invoke the CFC. Fusebox 5.5.1 corrects this and allows directory names to include dashes.

#316 prefuseaction/postfuseaction should be uncallable

Fusebox 5.5 allowed you to invoke **prefuseaction** and **postfuseaction** directly as part of a request. In Fusebox 5.5.1, **prefuseaction** and **postfuseaction** are correctly treated as **private** fuseactions. *This may break your code if you were invoking **prefuseaction** or **postfuseaction** directly.*

Acknowledgements

Thanks to Derek Hedstrom for reporting bug #313 and testing and debugging our initial (incorrect) attempt to fix the bug.

We believe bug #315 was discovered by Jared Rypka-Hauer.

Finally, general thanks to our community of Fusebox users, testers and bug reporters - keep up the good work!