

Upgrading From ColdBox 2.0.x to 2.5.1

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If you have not yet taken a look at the latest [ColdBox release](#) , 2.5.1, I really recommend that you do. It is an especially exciting release for me personally, as it now permits each of the following:

1. external event handlers
2. "flash" memory on `setNextEvent()` / `setNextRoute()`
3. internal support for [Adam Fortuna's ColdCourse project](#)

There are, however, a couple of "gotchas" that I wanted to pass along.

Gotcha #1

I don't know about you, but the last time I looked at an `index.cfm` file in a ColdBox application was, I don't know, probably two years ago. Simply put, there's nothing in those files, except the call to the framework, so there's no need to look at them. Or so I thought.

The [upgrade guide](#) clearly states that you need to use the new `Application.cfc` and `index.cfm` files with the 2.5.x Application Template, but for some reason I totally overlooked the "index.cfm" part. After all, there's nothing in that file.

So, I updated my `Application.cfc` file to extend the new `coldbox.cfc` file, and loaded the app. Only problem was, everything was now running twice. Thanks to [Russ Johnson](#) and [Luis](#) , I realized that I was an ID10T. Of course everything was running twice; I was calling the framework twice! Once in the `Application.cfc`, and again in the `index.cfm` file that I hadn't bothered to open and/or replace.

Gotcha #2

In the `config.xml` files for my old 2.0.x applications I have `SessionStartHandler` set to "main.onSessionStart", and the `SessionEndHandler` set to "main.onSessionEnd". Nothing out of the ordinary there, I know. What I didn't realize is that these particular methods don't actually exist in those handlers. I had just left them assigned so that should I in the future decide that I needed them, they were already set.

That's all fine and dandy in pre-2.5 applications. However, with 2.5, right after a ColdFusion service restart, I would receive a "method not found" exception on the first load, but on any subsequent loads the exception was not thrown.

It took me quite some time to figure out what was causing this issue, but it was the fact that I had named the events in the `coldbox.xml`, but they in fact did not exist in the handler.

Summary

Be sure to A) update your `Application.cfc` to extend the `coldbox.cfc`, B) either replace the `index.cfm` file with the new one from the template, or, if you have non-ColdBox code in your `index.cfm` file that needs to stay put, be sure to comment out the call to the framework, and C) make sure that your `onSessionStart` /`End` methods actually exist (even if they are empty).