

Coldfusion 9 ORM Mapping issue

Asked 12 years ago Modified 11 years, 3 months ago Viewed 2k times



I have an issue with CF9 ORM mapping.

5



I get the following error from time to time (yes, it works fine most of the time),

Mapping for component model.Pubs not found. Either the mapping for this component is missing or the application must be restarted to generate the mapping.



ORM definition in Application.cfc

```
<cfscript>
this.datasource = "Pubs";
this.ormenabled = true;
this.ormsettings= {
    dialect="MicrosoftSQLServer",
    dbcreate="update",
    eventhandling="true"
};
</cfscript>

<cfset this.mappings["/model"] = getDirectoryFromPath(getCurrentTemplatePath())
& "model" />
```

The only way to fix it is to refresh the ORM couple of time, which is by hitting ?init=true on Application.cfc. It is still a temporary solution, but I need to know the root cause of it and fix it.

```
<cfscript>
if(structKeyExists(url, "init")) { ormReload(); applicationStop();
location('index.cfm?reloaded=true'); }
```

Please advise.

Thanks!

orm

coldfusion

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application.cfc

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edited Sep 24, 2013 at 12:39



Peter Boughton


112k ● 32 ● 123 ● 177

asked Nov 28, 2012 at 16:47



John N

131 ● 6

1 try setting `cfclocation` in your `ormsettings`, and you shouldn't need `applicationStop` on init – Henry Nov 28, 2012 at 19:08 

@Henry Thanks man, I tried **cfclocation** but it won't work with my model mapping. Maybe it is reason. I'll try it on the server and see if it will work. – John N Nov 29, 2012 at 18:55

2 Answers

Sorted by: Highest score (default) 



1



I also had your problem, but now it works fine. First, if you don't set `ormsettings.cfclocation`, ColdFusion does this:

If it is not set, ColdFusion looks at the application directory, its sub-directories, and its mapped directories to search for persistent CFCs. (see [Spec](#))

This is error prone, because you never know what ColdFusion finds in all that directories.

When you add `cfclocation` to your example it should work:

```
this.ormsettings= {  
    cfclocation = ["/model", "/other/entities", "/more/other/entities"]  
}
```

There is a lot of discussion out there, about how to specify the paths for `cfclocation`. For me, that way works.

But the first element of my `cfclocation` is always an application mapping, like your `this.mappings["/model"]`. I have not tested it with webserver aliases or CFCs in the webroot, without mapping. You should also avoid colliding namespaces, like a "model" directory in the webroot, while having a "/model" mapping.

Good luck:)

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answered Nov 29, 2012 at 19:55



Walter Seethaler

111 ● 2

Hey Walter, thanks a lot. I tried it and let's wait and see. So far and it is working properly. I hope it is a stable alternative to my configuration above. – John N Dec 3, 2012 at 15:48



Okay, thank you both @Henry and @Walter for your comments. They were the lead toward the right solution.

1



Here's what I did to make sure it's stable ALL the time.



1. I used one folder (location) for all ORM CFCs. There used to be a "model" folder for each section. Sections are sibling folders under one root and share the same Application.cfc. I changed that to ONE root level folder for all CFCs, ie:

/root/ormmodel

2. On the /root/Application.cfc, I adjusted the following code

```
<cfset application.mappings["ormmodel"] = expandPath("/root/ormmodel") />
```

and

```
this.ormsettings= {  
    cfclocation = ["ormmodel"],  
    autogenmap = true,  
    ...  
    eventhandling="true"  
};
```

Notice the missing "/" in the cfclocation value.

3. On calling for model components, I changed the code from `pub = new ormmodel.Pubs()` to

```
pub = EntityNew("Pubs");
```

4. On an unrelated point, I've changed my components name to camelCase naming and avoided special characters like underscores and dashes.

I hope this would be helpful and save someone else hours of frustration and suspense.

Happy coding!

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answered Dec 10, 2012 at 15:52



John N

131 ● 6