

# Learning CF9: Implicit Getters and Setters

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One of the (many) really nice features of CF9 is the addition of implicit getters and setters for CFCs. While I love having a concrete API, I am learning to love this idea more and more because of the saved keystrokes.

## Housekeeping

Before we go any further, let me go ahead and say it:

Yes, I know that in the purest form, what CF9 calls "implicit getters and setters" is not actually accurate. However, for the sake of simplicity and continuity with the CF9 documentation, I am going to use the term "implicit". If you don't like it, get over it.

## What Implicit Getter/Setter Does

According to the [CF9 docs](#) ...

"By default, properties that you specify by using the <cfproperty> tag have implicit setPropertyName and getPropertyName methods that access the PropertyName property in the CFC variables scope."

Translation: If you have the following...

```
.. <cfproperty name= "Foo" />
```

... CF9 will automatically generate the following two methods for you:

```
.. <cffunction name= "getFoo" >
?. <cfreturn variables.foo />
}. </cffunction>
l. <cffunction name= "setFoo" >
i. <cfargument name= "foo" />
j. <cfset variables.foo = arguments.foo />
?. </cffunction>
```

However, the documentation **is wrong** . Perhaps "wrong" is too strong a word, but the docs are certainly inaccurate and incomplete. In order to actually get CF9 to behave in this manner, you must also add the 'accessors' attribute to your <cfcomponent> tag.

```
.. <cfcomponent accessors= " true " >
```

With this in place, CF9 will now generate the get/set{Property} methods for you on properties that you have defined with <cfproperty>.