

# A Base Persistent (ORM) Object for CF9

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I've been doing some experimentation with ColdFusion 9's Hibernate (ORM) integration, part of which involved creating a Base Persistent Object.

## What is a Base Persistent Object?

I'm using the term *persistent object* to refer to a ColdFusion 9 cfc that has a *persistent="true"* attribute. That is, a component that is used to create objects that will be persisted to a database via Hibernate, using CF9's ORM integration. These are variously referred to as persistent objects, ORM objects, entity objects, etc. There are certain behaviours that I want all of my persistent objects to have, and I have found that the best way to achieve this is to create a base persistent object and then have all of my concrete persistent objects extend that base object.

## Behaviours contained in the Base Persistent Object

The behaviours that I'm including in my Base Persistent Object allow any object that extends it to:

- populate itself from user-submitted data
- save itself
- delete itself
- validate itself
- inject dependencies into itself via Coldspring

As CF9 is still in beta, this object is obviously in flux. I am planning on releasing the code for the object as open source, and have set up a project at [BasePersistentObject.riaforge.org](http://BasePersistentObject.riaforge.org) for that purpose. I hope to have a 0.1 version available shortly, at which point the code will be available for download via the project page.