



## Map a ColdFusion component

### Was this helpful?

☐ Yes ☐ No

The tag `cfcomponent` defines a persistent CFC by setting `persistent="true"`. It allows you to specify various other mappings for a persistent CFC.

If your persistent CFC has `init` method, ensure that either it has no arguments or all arguments are optional.

### Syntax


```
<cfcomponent
  accessors= "yes|no"
  persistent="true|[false]"
  entityname="entity_name"
  table="table_name"
  schema="schema"
  catalog="catalog"
  dynamicInsert="true|[false]"
  dynamicupdate="true|[false]"
  readonly="true|[false]"
  selectbeforeupdate="true|[false]"
  discriminatorvalue="discriminator_value"
  discriminatorcolumn="discriminator_column"
  joincolumn="join_column"
  cacheuse="read-only|read-write|nonstrict-read-write|transactional|[none]"
  cachename="cache_name"
  batchsize="batchsize"
  optimisticLock="none|[version]|dirty|all"
  lazy="true|[false]"
  savemapping="true|false">
```

### Attributes

Attribute	Req/Opt	Default	Description
accessors	true		If set to false, ColdFusion ORM does not generate the implicit getters and setters.
batchsize	Optional	1	An integer value that specifies the number of records to be retrieved at a single instance. For details, see <a href="#">Lazy Loading</a> .
cachename	optional		Use this value to specify the name of the secondary cache. See <a href="#">Caching</a> for details.
cacheuse	optional	none	Use this value to specify the caching strategy to be used for caching this component's data in the secondary cache. See <a href="#">Caching</a> for details.
catalog	Optional		Used to specify the database catalog name.
discriminatorcolumn	optional		Use this attribute to define the discriminator column to be used in inheritance mapping. See <a href="#">Inheritance mapping</a> for details.
discriminatorvalue	optional		Use this attribute to define the discriminator value to be used in inheritance mapping. See <a href="#">Inheritance mapping</a> for details.
dynamicInsert	Optional	false	Whether INSERT SQL is to be generated at runtime: <ul style="list-style-type: none"> <li>■ true</li> <li>■ false</li> </ul> Only those columns whose values are not null are included in the SQL.
dynamicupdate	Optional	false	Whether UPDATE SQL is to be generated at runtime: <ul style="list-style-type: none"> <li>■ true</li> <li>■ false</li> </ul> Only those columns that have changed values are included in the SQL.
entityname	Optional	Name of the CFC	Specifies the name of the entity. Entity name is the name used by the ORM related functions to work with the persistent CFC. If <code>entityname</code> is not specified, then the CFC name is taken as the <code>entityname</code> . The <code>entityname</code> must be unique in the application.
joincolumn	optional		Use this attribute to define the join column for inheritance mapping. See <a href="#">Inheritance mapping</a> for details.
lazy	Optional	true	Whether loading is to be done lazily: <ul style="list-style-type: none"> <li>■ true</li> <li>■ false</li> </ul> For details, see <a href="#">Lazy Loading</a> .
optimisticLock	Optional	version	Determines the locking strategy. It can be any one of the following four values: <ul style="list-style-type: none"> <li>■ none</li> <li>■ version</li> <li>■ dirty</li> <li>■ all</li> </ul> For details, see <a href="#">Optimistic locking</a> .
persistent	Required	false	Whether the CFC is a persistent CFC: <ul style="list-style-type: none"> <li>■ true</li> <li>■ false</li> </ul>
readonly	Optional	false	Whether the table is read-only: <ul style="list-style-type: none"> <li>■ true</li> <li>■ false</li> </ul> This is inserted by the <code>EntitySave()</code> method.
savemapping	Optional		Saves the generated Hibernate mapping file to the disk.If you have set <code>savemapping</code> for the application, then the value you set here overrides it.
schema	Optional		Used to specify the schema name.
selectbeforeupdate	Optional	false	Whether Hibernate should never perform an SQL UPDATE unless it is certain that an object is actually modified: <ul style="list-style-type: none"> <li>■ true</li> </ul>

Attribute	Req/Opt	Default	Description
			<ul style="list-style-type: none"><li>■ false</li></ul> In cases when a transient object is associated with a new session using update(), Hibernate performs an extra SQL SELECT to determine if an UPDATE is actually required.
table	Optional	Name of the CFC	Specifies the name of the database table to which the CFC maps.

[Discuss This Page](#)

 Twitter™ and Facebook posts are not covered under the terms of Creative Commons.