

Table per hierarchy	
Mapping in superclass	Mapping in subclass
/** * @hibernate.class * @hibernate.discriminator * column="discriminator" */	/** * @hibernate.subclass */
Table per subclass	
Mapping in superclass	Mapping in subclass
/** * @hibernate.class */	/** * @hibernate.joined-subclass * @hibernate.joined-subclass-key * column="pet" */
Table per concrete class	
Mapping in concrete classes	
/** * @hibernate.class */	
One-to-One with primary key	
The primary key of the one-to-one property is used -> use foreign key id generator	
/** * @hibernate.id * generator-class="foreign" * @hibernate.generator-param * name="property" * value="name of one-to-one * property" */ /** * @hibernate.one-to-one */	
One-to-One with foreign key	
Represented with many-to-one	
/** * @hibernate.many-to-one * unique="true" */	
One-to-Many	
If collection is not indexed (e.g. Set) then drop the @hibernate.collection-index	
/** * @hibernate.list * cascade="save-update" * @hibernate.collection-one-to-many * class="class in collection" * @hibernate.collection-index * column="MANY_INDEX" * @hibernate.collection-key * column="FK_ONE" */	

Many-to-Many	
If collection is not indexed (e.g. Set) then drop the @hibernate.collection-index	
/** * @hibernate.list * table="students_in_course" * cascade="save-update" * @hibernate.collection-many-to-many * column="fk_course" * class="tutorial.manytomany.Course" * @hibernate.collection-key * column="fk_student" * @hibernate.collection-index * column="course_index" */	
Component	
Component owner.	Component: No id property required. Just map the persistent properties as in any other class.
/** * @hibernate.component */	/** * @hibernate.property */
Property	
A property (e.g. String, char, Long, ...)	Specify column details
/** * @hibernate.property * type="a type" * length="10" */	/** * @hibernate.column * sql-type="a type" * column="foo" */
A property (e.g. String, char, Long, ...)	
/** * @hibernate.property * type="a type" * length="10" */	
ID	
/** * @hibernate.id * column="ID" * generator-class="hilo" * unsaved-value="null" */	
Composite ID	
The ID property	
/** * @hibernate.id * column="ID" * unsaved-value="any" */	
When mapping collections	
* @hibernate.collection-key * @hibernate.collection-key-column * name="column_1" * @hibernate.collection-key-column * name="column_2"	
Optimistic Locking	
Version property (recommended).	Timestamp
/**	/**

Hibernate and XDoclet – How to generate Hibernate Mapping Files with XDoclet

<pre>* @hibernate.version * unsaved-value="null" */</pre>	<pre>* @hibernate.timestamp * unsaved-value="null" */</pre>
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