

Objective

Having information stored in every entity instance containing the information to a set of tasks that can be performed to that entity and, whether they have been performed.

Explanation

There is a set of entities that will enter the model. This is stores in a table (allEntities).

	all Tasks	all Entities	info Entities
		Entity ID	Date Time Property1
▶ 1		Entity001	01/01/2008 0:00:00
2		Entity002	01/01/2008 0:00:05
3		Entity003	01/01/2008 0:00:10
4		Entity004	01/01/2008 0:00:15
*			

Some tasks can be done to entities. This is in another table (allTasks).

	all Tasks	all Entities	info Entities
		Task ID	
▶ 1		Task001	
2		Task002	
3		Task003	
4		Task004	
5		Task005	
6		Task006	
7		Task007	
8		Task008	
9		Task009	

Every single entity will have several tasks associated among all possible tasks. This is in a third table (infoEntities).

	all Tasks	all Entities	info Entities	
		Entity ID	Task ID	Done
1		Entity001	Task001	<input type="checkbox"/>
2		Entity001	Task003	<input type="checkbox"/>
▶ 3		Entity001	Task005	<input type="checkbox"/>
4		Entity001	Task007	<input type="checkbox"/>
5		Entity002	Task001	<input type="checkbox"/>
6		Entity002	Task002	<input type="checkbox"/>
7		Entity002	Task010	<input type="checkbox"/>
8		Entity002	Task011	<input type="checkbox"/>
9		Entity002	Task012	<input type="checkbox"/>

When an entity enters the model, I would like each of them to have that information and, as those tasks are done, keep some record that they have been done.

I have created a repeat group property within the ModelEntity object to grasp info from infoEntities table and the make use of it. But I have not been able to make it work.

Could you provide me with some hints to progress?