Subject: Different Categories
Posted by htManager on Thu, 27 Aug 2015 15:41:07 GMT
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Hi Tony,

did you somewhere describe or is there an example how to categorize a child record to more than one parent entry?

I have a parent child relationship where I would like to create child relationships with more than one parent. This would be a n:m relationship. The cild record should be shown each time one of the parent records are chosen.

What would be the best solution to do this? With a n:m transaction pattern? Or would it be better to create a field in the child database where all the parent keys are stored?

Subject: Re: Different Categories
Posted by AJM on Fri, 28 Aug 2015 09:25:55 GMT
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A child database table which has more than one parent is a common occurrence. If you look at RADICORE's database structure you will see several examples where a table has more than one arrow going into it.

Your statement "The child record should be shown each time one of the parent records are chosen." leads me to believe that any one of the parents should only ever have a single entry in the child table. There is no pattern for this as it does not require its own screen structure or any different behaviour. All you need do is modify the _cm_pre_getDdata() method for each parent to include a JOIN to the child table, and the data for the child will automatically be included with the data for the parent. Note that if the child table has more than one qualifying row then the result set will contain multiple rows, one for each parent-child combination.

The normal way to deal with a parent-child relationship is to start with a LIST2 pattern which has separate areas for both the parent and child entities, and where the parent entity shows one row at a time while the child entity is allowed to have multiple rows.

Subject: Re: Different Categories
Posted by htManager on Fri, 28 Aug 2015 14:19:15 GMT
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Thank you for your information but I think I haven't expressed myself very clearly. What I mean is that I want to have at leat one parent-relationship for the child occurence but I also would like to have more than one!

For your information: My child occurences are sport exercises which I can group to more than one

parent exercise group. The exercise should be shown either I choose parent group A or parent group B (the child exercise has to be grouped to both of them). The only solution I see is to have a n:m relationship. Can this be a Link 1 type? If yes, do I have to create this dialog-type to create the relationships and then create a List 2 pattern to see the related childs?

I hope I expressed myself now a little bit more clearly.

Subject: Re: Different Categories
Posted by AJM on Sat, 29 Aug 2015 09:14:04 GMT
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You can relate as many parent tables to a single child table as you like. There are no limitations in RADICORE. For each parent-child combination you should use a separate LIST2 task.

When reading the child table it is also possible to retrieve one or more columns from each parent table. This is described in Using Parent Relations to construct sql JOINs

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Subject: Re: Different Categories
Posted by htManager on Sun, 30 Aug 2015 09:52:04 GMT
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I will do so. Thank you for your advice.
