

^ParentChild(2,"Hobbies",2)="Scrap booking"
^ParentChild(2,"Hobbies",2,"Seasons")="Spring*Summer*Fall*Winter"
^ParentChild(3)="Kaitlin^56009"
^ParentChild(3,"Hobbies",1)="Lighting Design"
^ParentChild(3,"Hobbies",1,"Seasons")="Spring*Summer*Fall*Winter"
^ParentChild(3,"Hobbies",2)="pets"
^ParentChild(3,"Hobbies",2,"Seasons")="Spring*Summer*Fall*Winter"
^ParentChild(4)="Melissa^56894"
^ParentChild(4,"Hobbies",1)="Marching Band"
^ParentChild(4,"Hobbies",1,"Seasons")="Fall"
^ParentChild(4,"Hobbies",2)="Pep Band"
^ParentChild(4,"Hobbies",2,"Seasons")="Winter"
^ParentChild(4,"Hobbies",3)="Concert Band"
^ParentChild(4,"Hobbies",3,"Seasons")="Spring*Summer*Fall*Winter"
^ParentChild(5)="Robin^57079"
^ParentChild(5,"Hobbies",1)="Baking"
^ParentChild(5,"Hobbies",1,"Seasons")="Spring*Summer*Fall*Winter"
^ParentChild(5,"Hobbies",2)="Reading"
^ParentChild(5,"Hobbies",2,"Seasons")="Spring*Summer*Fall*Winter"
^ParentChild(6)="Kieran^58210"
^ParentChild(6,"Hobbies",1)="SUBA"
^ParentChild(6,"Hobbies",1,"Seasons")="Summer"
^ParentChild(6,"Hobbies",2)="Marching Band"
^ParentChild(6,"Hobbies",2,"Seasons")="Fall"
^ParentChild(6,"Hobbies",3)="Rock Climbing"
^ParentChild(6,"Hobbies",3,"Seasons")="Spring*Summer*Fall"
^ParentChild(6,"Hobbies",4)="Ice Climbing"
^ParentChild(6,"Hobbies",4,"Seasons")="Winter"

?? 1?

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???????????????????? Seasons ???
????????????????"Spring*Summer*Fall"????????????"Spring"? "Summer"? "Fall"?

^ParentChild(1)="Brendan^45956"

^ParentChild(1,"Hobbies",1)="Pit Crew"

^ParentChild(1,"Hobbies",1,"Seasons")="Fall*Winter"

^ParentChild(1,"Hobbies",2)="Kayaking"

^ParentChild(1,"Hobbies",2,"Seasons")="Spring*Summer*Fall"

^ParentChild(1,"Hobbies",3)="Skiing"

^ParentChild(1,"Hobbies",3,"Seasons")="Summer*Winter"

???????? 1 ? 4 ???? ?????? Example3Child ????? 4 ?????????????????????????????
??

?? 2?

???????????????? IdKey ????????????????? 1 ??? 3 ?? IdKey ?????????????????????????????????

?? COS ????????????????????????????????????? 3 ?????

SET sub1=\$ORDER(^Parentchild(sub1))

SET sub2=\$ORDER(^Parentchild(sub1,"Hobbies",sub2))

SET season=\$PIECE(^ParentChild(sub1,"Hobbies",sub2),"Seasons"),"*",PC)

?????????"?"???????????? Caché SQL ????? 4 ??????????Piece?Global?Sub ? Other? ???
Sub?? \$ORDER() ???

???????????????? Piece ??? ????????????????? Piece ????????????????? PC?? ????????????? 1????????????????

?? 3?

3 ?????????????Season????????????HobbyRef????????????????PieceCount

?? 4?

Property Season As %String; Property PieceCounter As %Integer; Relationship HobbyRef
As Mapping.Example3Child [Cardinality = parent, Inverse = Seasons];

?? 5?

???????????????? 3 ????????????? IdKey ????????? 2 ?????HobbyRef ? PieceCounter

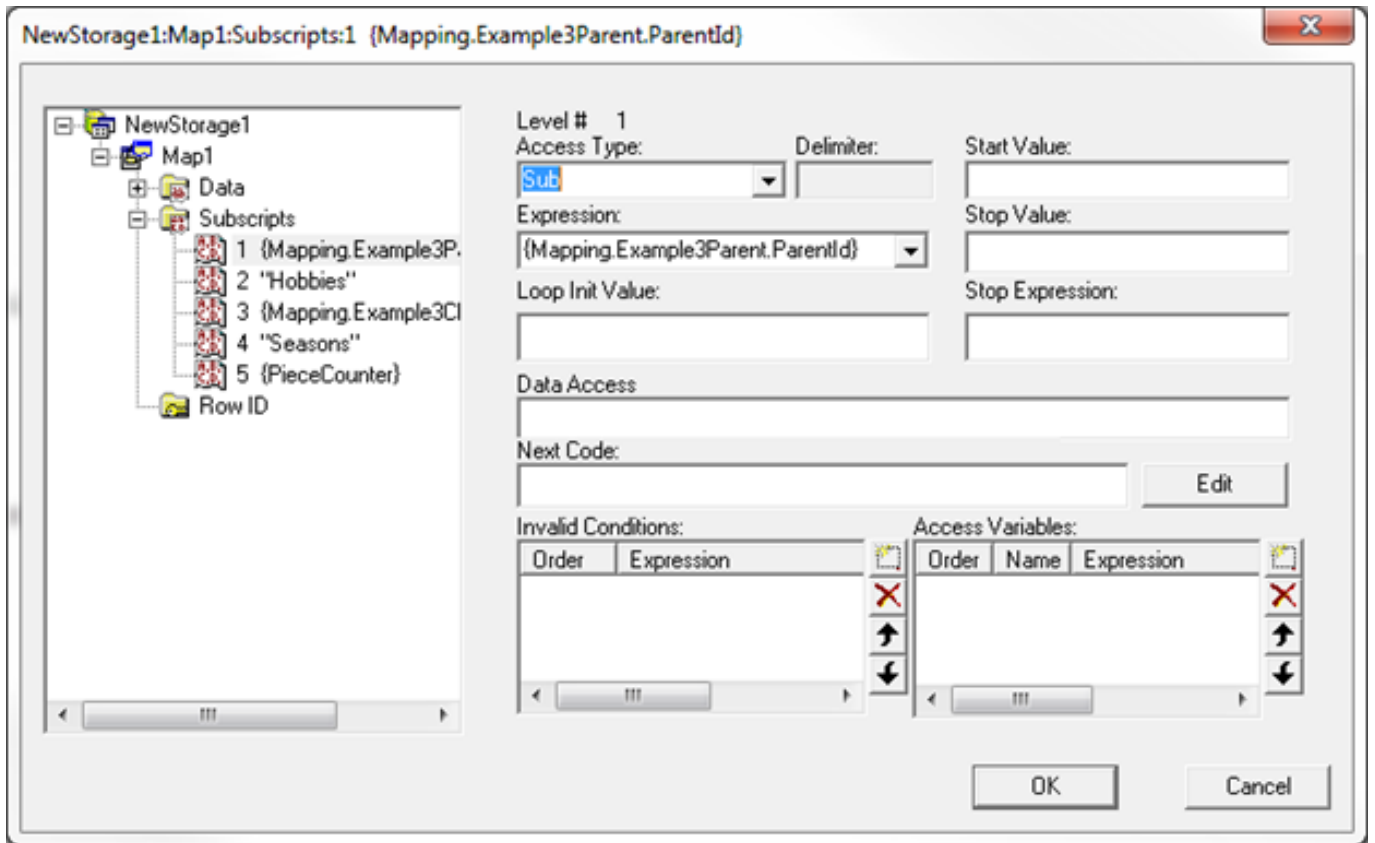
Index Master On (HobbyRef, PieceCounter) [IdKey];

?? 6?

???????????????????????????????? ID? ??? "Sub"? "Piece"?
????????"Global"? "Other"????????????????????????????????

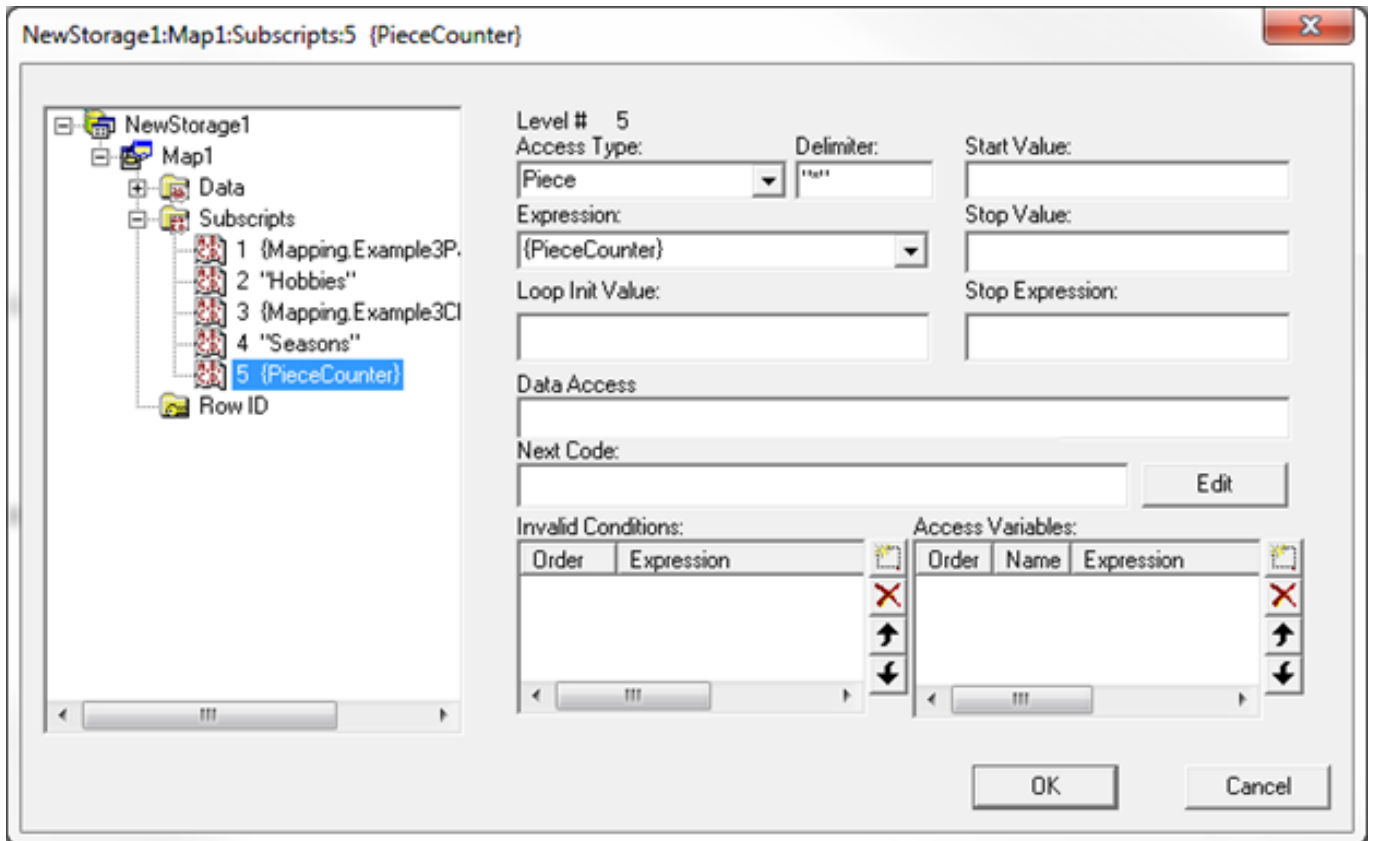
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?????? 5?"Access Type(????)"?"Piece"?"Delimiter(??)"?"??? ?????. Piece 1 ?????? 1????? \$PIECE ????

?????????????"Start Values(??)"?"Stop Values(??)"?????????



?? 7?

???????????????

Compilation started on 11/30/2016 08:17:42 with qualifiers 'uk/importselectivity=1 /checkuptodate=expandedonly'
 Compiling 2 classes, using 2 worker jobs
 Compiling class Mapping.Example3Child
 Compiling class Mapping.Example3GrandChild
 Compiling table Mapping.Example3GrandChild
 Compiling table Mapping.Example3Child
 Compiling routine Mapping.Example3Child.1
 Compiling routine Mapping.Example3GrandChild.1
 Compilation finished successfully in 1.021s.

?????????

```

SELECT P.ID, P.Name, P.DateOfBirth,
C.ID, C.Hobby, G.ID, G.Season
FROM Mapping.Example3Parent P
JOIN Mapping.Example3Child C ON P.ID = C.ParentRef
JOIN Mapping.Example3Grandchild G ON C.ID = G.HobbyRef
WHERE P.Name = 'Kieran'

```

???

ID	??	????	ID	??	ID	??
6	Kieran	05/16/2000	6 1	SUBA	6 1 1	Summer
6	Kieran	05/16/2000	6 2	Marching Band	6 2 1	Fall
6	Kieran	05/16/2000	6 3	Rock Climbing	6 3 1	Spring
6	Kieran	05/16/2000	6 3	Rock Climbing	6 3 2	Summer
6	Kieran	05/16/2000	6 3	Rock Climbing	6 3 3	Fall
6	Kieran	05/16/2000	6 4	Ice Climbing	6 4 1	Winter

????????? IdKey ??????????????????????

???????Example3Child ID ? 6||1???? = 6???? = 1?

?? Example3GrandChild?IdKey ???????6||1||1????????????????? ?????????????????? = 6||1???? = 1?

? Example3Child ?????????? IdKey ?????????? ??????????????????IdKey ??????????????????????

?????????? 3 ??????MappingExample4.zip?

[### Object Data Model #SQL ### #Caché](#)

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